

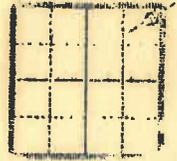
Location NE cor.
300' fr NL 330' fr EL of 1/4 NE NE.

Sec. 10 T. 9 R. 8W.

Casing Record 10" 1765 Farm- Fred Beeler No. 1

County- Mitchell.

20" 243 8 1/2" Company- Alcorn Oil Co.
15 1/8" 470 65/8" 2802 Contr.- Sidwell-McCary.
12 3/8" 1210 53/16" Comm.- 5/30/24. Comp.- 12/2/24.



Total Depth 3605'. Shot Quarts Between
Correspondence Regarding This Well Should Be Referred to

Elevation 15256d

Figures Indicate Bottom of Formations.
Date Issued.

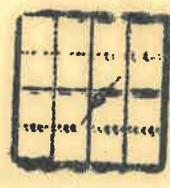
Initial Production Dry.

Formation	Depth	Formation	Depth	Formation	Depth.
soil	10	shale	1945	shale yellow	3275
lime	12	red rock	1970	shale blue	3300
blue shale	120	shale	2010	sand grey	3310
sdv shale	145	shale brown	2040	HFW reset 6-5/8	
sand 12BW	190	sand water	2065	sdv lime	3336
blue shale	205	10BW		lime	3338
lime	220	shale	2100	sand	3345
red shale	245	shale blue	2160	water.	
blue shale	250	lime	2170	sdv lime	3390
red rock	265	shale blue	2190	sand	3420
shale	280	1/2 BW sand & shale	2210	sdv lime	3470
red rock	295	shale	2295	lime sdv	3500
blue shale	305	lime	2310	lime	3513
sand HFW	330	shale	2325	shut don.	
lime	340	lime	2335	lime	3555
shale	410	shale	2340	shale red	3605
sdv shale	443	lime	2370	Total depth.	
sand wtr	460	shale blue	2405		
pyrite	470	lime	2415		
in lime		sand 6BW	2420		
shale	525	sdv lime	2470		
red rock	545	sand HFW	2525		
blue shale	600	shale blue	2605		
red rock	625	lime gr hd	2615		
shale	635	shale blue	2635		
lime	640	lime grey	2640		
blue shale	655	red rock HFW	2645		
red rock	700	sdv lime	2700		
blue shale	760	shale blue	2705		
lime	780	sdv lime	2725		
blue shale	785	shale blue	2730		
lime	795	lime	2740		
salt	905	sand HFW	2750		
shale	1060	lime	2860		
blue shale	1080	shale blue	2865		
red rock	1145	lime grey	2900		
lime	1150	shale blk	2905		
shale	1220	lime white	2925		
sdv lime 1BW	1300	shale blue	2940		
broken	1360	lime white	2955		
red rock	1370	shale blue	2970		
lime	1375	lime grey	2990		
blue slate	1410	shale blk	3005		
sdv shale	1445	lime wite	3020		
red rock	1455	sdv shale	3030		
sdv shale	1470	lime	3040		
lime hard grey	1480	shale caving	3075		
shale blue	1495	lime	3090		
red rock	1500	shale	3120		
sdv shale	1540	shale green??	3160		
red rock	1545	lime	3165		
shale	1585	shale	3190		
red rock	1615	lime	3200		
lime	1625	shale blk	3230		
shale	1680	Cave.			
red rock	1700	shale white	3260		
		cave			

Location NWcSE

Sec. 9 T.11 R. 8W.

Casing Record. 10" 2152 Farm. John Dudley No. 1 County. Lincoln.
 20" 318 8 1/4" Company. National Refg. Co.
 15 1/2" 592 65/8" Contr.
 12 3/4" 1368 53/16" Comm. 6-7-18 Comp. 8-5-20
 Total Depth. 3465 Shot Quarts Between.
 Correspondence Regarding This Well Should Be Referred To.



Figures Indicate Bottom of Formations.
 Date Issued.

Elevation.
 Initial Production. dry

Formation	Depth	Formation	Depth.
clay	6	broken lime	1775
sand yellow	13	lime white	1790
shale blue	50	shale blk	1800
lime	60	lime blk	1820
shale brown	110	sand	1830
gumbo blk	200	shale blue	1840
sand white	230	lime blk	1850
shale blue	240	broken lime	1860
fresh water 260		shale blue	1905
sand white	324	shale blk very bad cave	1935
rock red	332	sand	1950
granite red	343	slate blk	1990
sand white	355	lime blk	1993
salt water 355		cave red	2025
shale brown	375	shale blue	2090
sand white	460	sdym lime	2105
rock red	500	shale blue	2150
red bed red	590	lime white	2155
lime grey	600	sand 1 bailer wtr.	2165
shale red	660	lime grey	2185
shale blue	720	shale blue	2195
red bed red	740	lime grey	2210
shale blue	760	shale blue	2230
red bed red	770	lime grey	2240
shale blue	775	shale blue	2285
rock red	795	lime grey	2292
shale blue	805	shale blue	2330
shale blk	870	lime grey	2335
shale sdy	880	shale blue	2370
shale blue	920	lime blk	2380
sdym lime	928	sdym lime	2400
rock salt	983	shale blue	2420
sdym shale	990	sdym lime	2480
shale blue	1000	broken lime	2510
sdym lime	1015	shale blk	2535
sdym shale	1040	broken lime	2576
lime white	1070	sdym lime	2608
shale blue	1075	broken lime	2628
lime	1100	sdym lime	2640
shale blue	1110	shale blue	2675
broken	1150	water sand	2695
shale blue	1160	shale blue	2710
lime blk	1185	rock red	2720
shale blue	1190	shale blue	2760
lime blk	1200	broken lime	2785
rock red	1210	shale blue	2800
shale blue	1215	broken lime	2830
sdym lime	1235	water sand	2840
slate blue	1240	lime white	2896
lime blk	1250	shale blue	2910
rock red	1275	broken	2965
lime grey	1296	lime white	2990
broken sand 1BW	1330	slate white	2996
sdym lime	1340	lime white	3045
broken lime	1425	shale	3052
rock red	1430	broken lime	3085
sdym lime	1520	cave blk	3093
rock red	1610	lime white	3105
sand	1620	shale blk	3245
broken lime	1695	shale white	3320
lime white	1705		
sdym lime	1715		

OVER

9-11-3 West., Lincoln County.,

483676

Formation	Depth.
broken lime	3340
cave blk	3370
waters and	3400
slate blk	3415
sdv lime	3435
slate	3445
sdv lime	3465 TD.

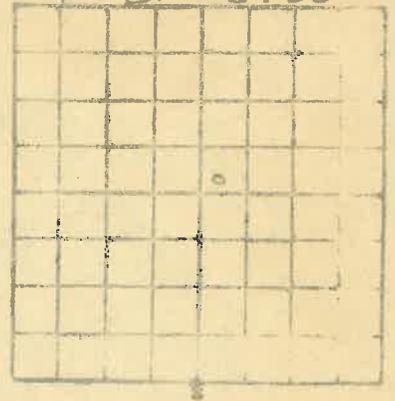
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13637

Lincoln Co. Kansas.

(From Mr. Greene)

National Ref _____
Farm _____
Sec. 9 Tp. 11-S. R. 8-W.
Map No. _____ Well No. _____
T. D. # 3400'



UNION NATIONAL BANK BLDG, WICHITA, KANSAS

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Location. Center NE $\frac{1}{4}$

Sec. 9- T. 14 R. 8W

Casing Record.

County Ellsworth

10" 1940 Farm. Schultz No. 1
 20" 3 $\frac{1}{2}$ " 2736 Company. G.W.Hinkle and L.E.Cross.
 15" 368 65 $\frac{7}{8}$ " 3280 Contr. G.W.Hinkle.
 12" 1170 53/16" Comm. 12-30-30 Comp. 7-15-31
 Total Depth. 3468 Shot Quarts Between.
 Correspondence Regarding This Well Should Be Referred To.



Elevation. 1790

Figures Indicate Bottom of Formations.

Initial Production. Dry.

Date Issued. 8-15-31

Formation	Depth	Formation	Depth	Formation	Depth.
sand rock	20	slate blue 5BW	1695	lime	3034
shale dark	70	water sand	1700	slate	3035
shale grey	100	lime	1735	lime 1BW 50-60	3060
shale blue	225	red rock	1740	sdv lime 3 BW 60-70	3075
sand 1BW 225-30	230	lime Hole cav.	1800	slate	3085
shale blue	250	red rock	1807	lime	3095
red rock	260	lime	1825	slate	3100
shale blue	275	red rock	1835	lime	3115
red rock	285	lime	1845	lime	3144
shale blue HFV cave	320	slate & shells	1875	slate blue	3146
water sand	340	lime	1890	lime	3155
shale blue	350	slate & shells	1905	broken lime	3165
sand	360	lime	1925	slate	3175
shale blue	368	slate & shells	1945	lime	3255
slate blue	415	slate blue	1955	slate blue	3275
sand 20BW	425	lime	1980	lime	3295
slate blue	435	slate blue	1985	V.C. shale	3305
sand	450	lime broken	2005	lime	3318
slate blue	475	lime and slate	2045	shale	3324
lime	485	slate dark	2060	lime	3345
slate blue	510	lime cave	2068	slate blue	3351
lime	515	slate	2095	lime	3360
slate blue	520	lime	2115	shale	3365
red rock	523	slate blue	2125	slate	3381
lime	526	slate and shells	2140	V.C. shale	3405
slate	560	lime	2150	Chert HFV	3468
red rock	695	slate	2225	T.D.	
2BW 640		lime	2235	15 $\frac{1}{2}$ UR 523.	
slate blue and shells	720	slate blue	2240	8 $\frac{1}{2}$ UR 3115	
slate blue	745	slate	2295		
red rock	805	slate and shells	2335	Scout Tops:	
slate	870	lime	2350	Oswald 2950	
slate blue	925	slate	2355	Sil 3462	
broken salt	970	lime	2385		
salt	1165	slate dark	2395		
salt and lime	1180	lime	2398		
salt	1195	slate	2430		
lime shells and slate	1250	lime	2450		
lime and slate	1310	slate	2475		
lime shells and slate	1320	lime 1BW 2455	2490		
red rock	1325	lime shells & slate	2515		
lime shells & slate	1340	lime	2665		
lime grey	1370	slate 1BW 2680	2670		
slate blue	1375	lime 1BW 2770	2815		
broken lime	1400	slate	2825		
sdv lime	1425	lime	2840		
slate blue	1430	red rock	2850		
red rock	1450	slate 6BW 2870	2870		
lime 1BW 1470	1480	sand	2875		
slate blue	1495	slate	2885		
lime 1BW 1575	1560	sdv shale hole cav.	2910		
sdv lime	1580	lime	2925		
slate blue	1595	slate & lime	2935		
lime	1615	red rock	2937		
slate blue	1620	slate	2950		
lime grey	1630	lime 2BW 2955	2972		
red rock	1640	slate	2975		
sdv lime	1660	lime	2994		
slate dark	1675	sdv lime	3000		
sdv lime	1685	slate dark	3010		

3462
 2975
 1325
 1180

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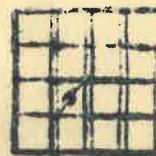
C.H.FROST & FRANK E.MCMILLIN JR.
 Dolechek No. 1.

SEC. 36 T. 14 R. 8W
 Gen NE SW

Total Depth. 3515'

County. Ellsworth

Comm. 1-6-37 Comp. 6-2-37
 Shot or Treated.
 Contractor.
 Issued. 9-25-37



CASING:

15 1/2" 170'
 12 1/2" 354'
 8 1/4" 2756'
 6 5/8" 3020'
 5 3/16" 3348'

Elevation. 1705

Production. Dry

Figures Indicate Bottom of Formations.

cellar	8	shale blue	1985	shale	3308
sand	25	lime	1990	shale greenish	3340
shale blue	65	shale blue	2045	shale blue	3348
shale lgt	95	shells & shale	2060	lime	3351
red rock	105	shale blue	2110	shale blue	3376
shale lgt	120	lime	2130	Viola lime	3455
shale red	150	shale & shells	2180	shale green	3470
sand	170	lime	2185	lime	3490
shale white	195	shale blue	2207	shale drk	3505
sand	215	lime	2210	pyrites iron	3507
shale blue	225	shale blue	2215	Siliceous lime HFW	3515
shale brown	250	lime	2223	Total Depth.	
shale blue	265	shale	2250		
sand	270	lime	2260		
shale blue	375	shells & shale	2290		
red rock	550	shale blue	2295		
shale blue	570	lime hrd	2323		
anhydrite & shale	590	shale blue	2350		
shale brown	620	lime	2400		
red rock	660	shale blue	2405		
shale blue	780	lime 1 blr wat	2465		
salt	1012	shale	2470		
shale blue	1022	sdv lime	2585		
shale blue	1035	sdv lime HFW	2595		
lime	1055	lime	2605		
shale blue	1080	shale blue	2625		
lime	1095	lime HFW	2647		
shale	1105	shale red	2651		
lime	1120	shells & shale	2671		
shale	1135	sdv lime wtr	2688		
lime	1155	shale blue	2693		
shale red	1170	lime	2710		
shale blue	1182	shale	2715		
lime	1200	lime	2720		
shale blue	1215	shale	2745		
lime	1260	lime	2770		
shale brown	1280	lime	2775		
lime 1/4 BW Hr.	1315	shale	2780		
shale & lime shell	1335	lime	2835		
lime	1385	sdv lime	2865		
sdv lime	1415	lime	2900		
shale brown	1425	shale	2915		
lime	1440	lime	3015		
shale blue	1475	shale blue	3020		
lime	1565	lime	3076		
shale brown	1600	bluish red shale	3085		
shale blue	1608	shells & shale	3105		
lime	1650	shale brown	3118		
shale brown	1665	lime	3124		
lime	1720	shale brown	3130		
lime shells & shale	1775	lime	3150		
lime	1800	shells & shale	3170		
shale & lime	1854	lime 6 blr wat	3190		
shale blue	1875	sdv lime	3201		
lime shells & shale	1935	red rock	3206		
shale red	1955	sdv lime	3237		

3507
 1705

 1802

WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY

719-720 Union National Bank Bldg., Wichita, Kansas

483677

20077

CASING RECORD

LOCATION

SW $\frac{1}{4}$

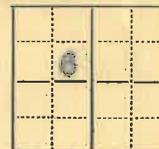
SEC 6

T 15

R 8W.

10" FARM **Franks Warts**
 20" 8 1-4 COMPANY
 15 1-2 6 5-8 CONTRACTOR
 12 1-2 5 3-16 COMMENCED

NO. COUNTY **Ellsworth**



TOTAL DEPTH **1586** SHOT QUARTS BETWEEN

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO

FIGURES INDICATE BOTTOM OF FORMATIONS

REMARKS

ELEVATION **1662 Gd**
 INITIAL PRODUCTION **on 4**
CEL SESE

Formation	Depth.
soil and gravel	15
red clay	50
gravel	58
red clay	90
blue clay	100
sand and water	150
soft sandstone grey	170
blue clay	172
sand little water	200
blue clay	220
grey clay	230
sand little water	235
blue clay	260
mixture sand clay and shale	310
sand and clay	325
sand	340
blue clay	345
blue shale	360
shale and red clay	370
red clay	435
blue clay	440
red clay and little blue shale	580
grey blue m \bar{a} shal mixed with gypsum	620
light brown clay	665
blue clay	675
light brown clay	700
grey shale	760
hard gritty shale dark	790
shale and salt	805
salt	850
sum dark a d red shale salt iron	
pyrites	970
grey shale hard	980
lime	1105
lime	1112
shale	1122
lime	1197
red clay	1203
B. clay	1209
slate	1215
red and blue slate	1413
shale	1423
red rock	1448
lime	1586 TD

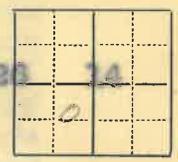
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WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY

719-720 Union National Bank Bldg., Wichita, Kansas

CASING RECORD LOCATION E 1/2 SW 1/4 SEC 14 T 16 R 8 W

10" 1914 FARM Morrill Kilburn NO. 1 COUNTY Ellsworth.
20" 8 1-4 2600 COMPANY White Eagle Oil and Ref. Co.
15 1-2 80 6 3-8 3007 CONTRACTOR
12 1-2 584 5 3-16 COMMENCED July 22, 1920 COMPLETED Mar 6, 1921



TOTAL DEPTH SHOT QUARTS BETWEEN

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO

ELEVATION 1620 Gd ON S E SW INITIAL PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS REMARKS

Table with 4 columns: Formation Name, Depth (ft), Formation Name, and Depth (ft). Lists various geological layers such as light clay, sand, shale, limestone, and red rock with their corresponding depths.

shale	1592	white hard lime	2542
grey lime	1600	red rock	2550
blue shale	1620	blue shale	2573
pink shale	1625	broken lime	2579
shaly shale	1645	shaly and lime	2589
white lime	1578	brown shale	2606
blue shale	1715	blue lime	2611
shale	1760	blue shale	2632
lime	1762	blue shale	2647
blue shale	1775	grey lime	2657
shale	1785	blue shale	2664
brown shale	1789	grey lime	2667
red rock	1793	blue shale	2672
black shale	1807	shaly lime	2677
red rock	1825	blue slate	2685
blue shale	1835	grey lime	2693
lime	1837	shaly lm	2765
shale	1840	lime	2770
lime water	1842	dark shale	2780
red rock	1856	lime	2817
blue shale	1865	shaly lime	2848
shale	1875	brown stone	2868
grey lime	1882	brown lime	2874
blue shale	1915	white lime	2902
shale	1930	lime and shale	2926
blue shale	1935	blue shale	2936
shale	1953	lime	2940
white lime	1957	lime and shale	2950
blue shale	1983	lime and shale	2985
shale	1983	red rock	3007
lime	1997	hard white lime	3008
lime	2002	hard lime	3023
shale	2010	shaly lime	3048
blue shale	2040	red lime hard	3058
red rock	2045	blue lime	3090
shale	2050	red rock	3100
blue shale	2054		
red rock	2066 4		
blue shale	2070		
grey lime	2075		
lime	2078		
blk shale	2100		
lime	2102		
blue shale	2145		
shale and lime	2160		
grey shale	2184		
lime	2192		
shale	2210		
blue shale	2230		
grey lime	2242		
shale blue	2246		
grey lime	2252		
blue shale	2254		
white lime	2282		
shale	2286		
lime	2288		
Grey lime	2340		
blue shale	2343		
white lime	2351		
blue shale	2355		
shale	2357		
lime	2387		
blue shale	2400		
brown sand	2407		
broken lime	2430		
white lime	2480		
water sand	2500		
hard lime	2506		
blue shale	2508		
blue mud	2516		
blue shale	2522		
hard lime	2525		
shaly lime	2539		

T. D. Dry hole plugged and Abd.

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08 1/4
227
212

See other log

483679

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg., Wichita, Kansas.

EMPIRE OIL & REFG.
Kunkle No. 1.

SEC. 16 T.15 R.8W
SE SW SE

Total Depth. 3035'
Comm. 8-29-36 Comp. 9-22-36
Shot or Treated.
Contractor.
Issued. 10-17-36

County. Ellsworth.

CASING:

12 1/2" 300'



Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

shale & sand	38	
sand & shale	300	
shale & shells	1017	
lime	1075	
lime & shale	1093	
lime	1098	
shale	1116	
gyp, shale & lime	1140	
shale	1141	
lime	1142	
cored 1063-93		
cored 1098-1142		
shale & shells	1225	Slight sh oil 2660
lime	1384	
shale & lime	1477	
lime & shale	1955	
lime	2008	
lime & shale	2325	
lime	2538	
lime & shale	2570	
shale	2574	
shale, red rock & lime		
shells	2588	
cored 2570-88		
lime	2603	
cored 2593-2603		
lime & shale	2645	
lime	2654	
lime & shale	2660	
lime	2665	
Slight Sh Oil 2660		
cored 2645-65		
lime & shale	2703	
lime	2715	
lime & shale	2762	
shale & lime	2814	
lime	2885	
lime & shale	2917	
lime	2925	
brkn lime & shale	2935	
cored 2925-35		
lime	2940	
lime & shale	2965	
cored 2958-65		
conglomerate	2978	
lime	2985	
cored 2978-85		
dolomite	2987	
limo	2997	
sdv shale	3014	
cored 2997-3014		
shale	3019	
lime Siliceous	3035	
cored 3021-3035		
Total Depth.		

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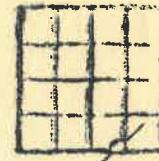
EMPIRE OIL & REFG. CO.
Kunkle No. 1.

CORRECTED LOG

SEC. 16 T.15 R.8W
SE SW SE
330'N 997.8'E of $\frac{1}{4}$ Cor.

County. Ellsworth

Total Depth. 3035'
Comm. 8-29-36 Comp. 9-22-36
Shot or Treated.
Contractor. R.W. Rine
Issued. 11-21-36



CASING:

12 $\frac{1}{2}$ " 300'

Handwritten notes:
3019
1577
-1442
1527
1908

Elevation. 1577

Production. DRY.

Figures Indicate Bottom of Formations.

sand	38	dolomite (sft good porosity, no sat)	3024
sand, shale & lime	300	dolomite (cored)	3035
shale & shells	1017	Total Depth.	
lime	1063		
coring lime & shale	1093		
lime	1098		
shale red	1116	Last core appeared to carry H2O	
shale, gyp & lime	1124		
lime & shale streaks			
with trace of gas	1142		
shale & shells	1225		
lime	1384		
lime & shale	1955		
lime	2008		
lime & shale	2525		
lime	2538		
lime & shale	2570		
fossiliferous shale	2574		
red & grey shale	2585		
lime (Lan.-K.C.)	2588		
lime	2593		
lime with thin shale			
streaks	2603		
lime & shale	2645		
lime with few shale			
streaks good			
porosity &			
slight oil			
stain	2660		
lime (small sh oil)	2665		
lime & shale	2703		
lime	2715		
shale & lime	2814		
lime	2885		
shale & lime	2917		
lime	2925		
lime with shale			
streaks	2935		
lime	2940		
lime & shale	2958		
red & grey sdy shales	2965		
conglomerate	2978		
sft sdy shale & dolomite			
mite	2980		
dolomite	2987		
lime	2997		
grey green shaly			
sand	3002		
grey green sdy shale	3008		
grey green shale	3014		
shale	3019		
(Top Arbuckle 3019)			
lime	3022 $\frac{1}{2}$		

13728

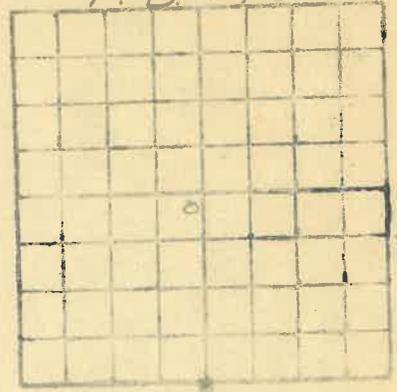
Ellsworth Co, Kansas

Stephen & Badley Company
Farm

Sec. 20 Tp. 15-S. R. 8-W

Map No. Well No.

T. D. # 1600



From Mr. Greene
7/11/24

UNION NATIONAL BANK BLDG WICHITA, KANSAS

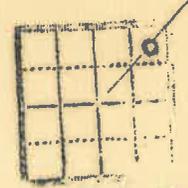
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Location. Center NE NE Sec. 27 T. 15 R. 8W.

Casing Record.

County. Ellsworth.

10" Farm. Malir No. 1
 20" 8" Company. Sinclair-Prairie Oil Co.
 15 1/2" 302 65/8" Contr.
 12 1/2" 53/16" Comm. 11-2-32 Comp. 1-11-33
 Total Depth 3115 Shot Quarts Between.
 Correspondence Regarding This Well Should Be Referred To.



Elevation. 1590

Figures Indicate Bottom of Formations.
 Date Issued. 1-28-33

Initial Production. DRY

Formation	Depth	Formation	Depth.
shale	30	lime	2039
sand	45	broken lime	2075
shale	65	shale	2105
sand	75	lime	2130
shale	90	shale	2150
sand	118	lime	2175
shale	128	shale	2195
sand	138	lime	2250
shale	160	broken lime	2275
sand	180	shale and lime	2287
shale	330	shale	2297
shale and shells	556	lime	2368
shale and shells	650	lime	2385
lime	660	lime and shale	2430
shale and shells	700	lime	2442
no log	834	shale	2455
lime	842	lime	2480
shale gyp and lime	907	shale	2485
shale and gyp	953	lime	2510
lime	973	shale	2540
shale	983	lime and shale	2570
shale and lime shells	1038	lime	2591
shale	1102	shale	2600
lime	1132	lime	2625
shale	1165	shale	2633
lime	1180	lime	2690
shale	1215	shale	2700
broken lime	1256	cored 2700-17 lime	
sdv lime	1268	lime	2922
shale and shells	1316	lime	2940
shale	1325	shale and lime	2956
lime	1335	shale and conglomerate	2962
shale and shells	1374	shale blue and green	2970
lime and shale	1438	dolomitic lime	2989
shale	1450	shale and conglomerate sdy	3007
lime	1458	Top of Ordovician conglomerate	3,000 (sample)
shale and shells	1510	conglomerate	3082
lime	1525	Top of siliceous lime	3082
shale	1540	lime	3115 TD.
shale	1555		
lime	1565		
shale and lime	1598		
lime	1620		
shale and shells	1710		
lime	1730		
shale	1754		
lime	1765		
shale	1785		
lime	1795		
shale	1815		
lime	1825		
shale	1840		
lime	1850		
lime shells	1871		
shale	1900		
lime	1920		
shale	1940		
lime	1975		
shale	2000		

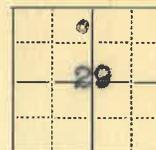
Cored with Rotary T.D. Water.;
 no shows in siliceous.

Scout Tops:
 Cong 3000
 Silc 3082

3082
 1590
 1492

WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY **483719**
 719-720 Union National Bank Bldg., Wichita, Kansas

CASING RECORD LOCATION SEC **29** T **15** R **8W.**
Well No 1 in Ellsworth So of side of River.
 10" FARM NO. **1** COUNTY **Ellsworth.**
 20" 8 1-4 COMPANY
 15 1-2 6 5-8 CONTRACTOR
 12 1-2 5 3-16 COMMENCED COMPLETED



TOTAL DEPTH SHOT QUARTS BETWEEN

CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO

ELEVATION **1537 Gd**

INITIAL PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

REMARKS

Formation	Depth.
earth	16
gravel	24
clay shale blue some wtr	95
rock gritty hard	100
clay blue 10" casing	128
Artesian water struck.	
hard gritty sand rock	135
Missing	155
shale red	180
shale red	200
shale blue	250
shale red	300
shale blk	350
shale red	400
shale grey	450
shale red	485
shale red 8 1/2 casing	527
Top of salt rock	M 590
salt	800
slate	810
shale blue	810??
red rock	815
sharp sand white	845
slate blue	875
sand blue	915
sand darker	920
slate	940
slate light	955
red rock top of gas	870
lime grey	980
lime grey	1015
about same	1030
slate blue	1040
red rock brown shale and lime	1050
lime light brown gas	1083
lime stone	1090
shale blue	1100
limestone salt water	1165
missing	1180
red clay or rock	1186
slate blue	1192
shale red and blue	1300
missing	1375
shale blue	1390
shale blue	1400
redrock	1425
lime formation	1568
blue clay	1600

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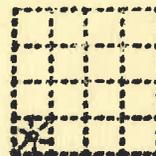
DONALD T. INGLING
State No. 1.

SEC.29 T.15 R.6W
CSW SW

DISCOVERY WELL

Total Depth. 2555'
Comm. 5-9-41 Comp. 5-26-41
Shot or Treated.
Contractor. Ingling & Parker
Issued. 9-13-41

County. Ellsworth



CASING:
8 $\frac{1}{4}$ " 88'
4" 2555'

Elevation.

Production. 2,176,000 Gas

Figures Indicate Bottom of Formations.

sand, rock, & clay	88
shale & shell	460
red bed & shale	670
salt & shale	870
lime & shale	970
shale	1040
lime & shale	1175
shale & bro.lime	1310
shale & hrd lime	1410
lime & shale	1715
shale & shells	1930
lime	1960
shale & shells	1985
lime & shale	2174
lime, sh gas	2180
lime & shale	2218
lime, sh gas	2227
lime hrd	2238
lime & shale (sh gas	2490)2555
Total Depth.	

483721

LARIO OIL AND GAS CO. - H.V. EIWELL.
 State (Rickerdycke) No. 1.

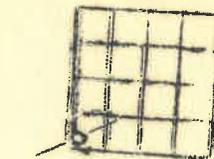
SEC. 29 T. 15 R. 8W.
 SWc SW

Total Depth. 3004'
 Comm. 3-19-35 Comp. 5-2-35
 Shot or Treated.
 Contractor. Broadwater Drilling Co.
 Issued. 5-11-35.

County. Ellsworth.

CASING.

12¹/₂" 1158' 8" 2753'
 10" 1802' 6" 6" 2995'



Elevation. 1641

Production. DRY.

Figures Indicate Bottom of Formations.

shale red	50	lime	1360	shale	2215
shale blue	60	shale	1380	lime	2220
shale	80	lime	1390	shale	2230
shale red	105	shale red	1405	lime	2245
shale	195	lime	1415	shale	2257
1 BW 140		shale blue	1420	lime	2325
sdv shale	205	lime	1425	shale	2330
lime hard	215	shale blue	1430	2 BW 2310	
5 BW 215		shale red	1465	lime	2360
shale	250	lime	1475	shale	2365
shale red	270	shale red	1485	lime	2390
shale	275	broken lime	1505	small show gas 2390	
shale red	290	shale	1510	lime	2470
shale	300	lime	1515	shale	2480
shale red	400	shale red	1535	lime	2495
shale	414	lime	1540	shale red	2505
shale red	445	shale red	1545	show gas 2505-10	
shale blue	495	lime	1555	sdv shale	2510
lime	500	shale	1565	shale blue	2525
shale blue	510	lime	1605	shale	2573
shale red	560	shale blue	1615	lime	2581
shale	580	shale red	1630	shale	2588
shale red	585	lime	1640	shale red	2590
shale	670	shale	1650	lime	2600
lime	675	lime	1655	shale	2608
shale	680	shale	1670	lime	2620
salt	745	lime	1685	shale	2627
shale	748	shale	1700	lime	2633
salt	885	shale blue	1705	shale	2650
shale	890	lime	1710	lime	2655
anhydrite	910	shale	1750	broken lime	2668
anhydrite & shale	920	lime	1760	shale	2671
anhydrite	940	shale blue	1775	lime	2685
anhydrite & shale	960	shale	1780	sand HFW 2695-2720	2690
anhydrite	970	shale red	1785	sand	2753
lime	975	lime	1795	lime	2765
shale	995	shale red	1800	shale blk	2770
lime	1000	shale	1820	shale blue	2775
shale	1010	shale red	1825	shale	2776
lime	1020	lime	1830	lime	2835
shale	1035	shale	1855	lime	2850
lime	1040	shale blue	1885	shale blue	2855
shale	1045	shale blk	1915	lime	2877
shale brown	1055	lime	1935	shale	2882
shale	1065	shale blue	1945	lime	2888
lime	1075	lime	1950	shale green	2893
shale	1080	shale	1980	lime	2930
lime	1085	lime	1995	Variegated shale	2952
shale	1155	shale blue	2015	lime	2977
shale red	1160	shale	2025	conglomerate	2997
broken lime	1195	lime	2035	lime	3004
shale blue	1220	shale blue	2050	3004 equals 2998	
lime	1225	lime	2055	lime	3004
broken lime	1290	shale blue	2125	HFW Total Depth.	
lime	1300	lime	2140	Scout Tops:	
shale red	1310	shale blue	2155	Topeka 2315	
broken lime	1320	lime	2180	Oswald 2590	
shale	1345	shale blk	2195	Sil 2991	
1345 equals 1340		show gas 2195-2200			
sdv shale	1355	lime	2200		

2350
 1641
 1009
 2315
 1641
 674

DEEPENING RECORD.

LARIO OIL AND GAS CO. - H.V. ELWELL.
 State (Rickerdycke) No. 1.

SEC. 29 T. 15 R. 8W.
 SWc SW

Total Depth. 3953'
 Comm. 3-19-35 Comp. 5-2-35
 Shot or Treated.
 Contractor. Broadwater Drilling Co.
 Issued, 11-23-35.

County. Ellsworth.

CASING.

12 1/2" 1158' 8" 2753'
 10" 1802'6" 6" 2995'

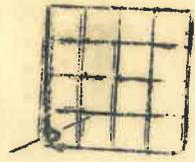
Elevation. 1641

UR 3017'

Production. DRY.

Figures Indicate Bottom of Formations.

shale red	50	lime	1360	shale	2215
shale blue	60	shale	1380	lime	2220
shale	80	lime	1390	shale	2230
shale red	105	shale red	1405	lime	2245
shale	195	lime	1415	shale	2257
1 BW 140		shale blue	1420	lime	2325
sdv shale	205	lime	1425	shale	2330
lime hard	215	shale blue	1430	2 BW 2310	
5 BW 215		shale red	1465	lime	2360
shale	250	lime	1475	shale	2365
shale red	270	shale red	1485	lime	2390
shale	275	broken lime	1505	small show gas 2390	
shale red	290	shale	1510	lime	2470
shale	300	lime	1515	shale	2480
shale red	400	shale red	1535	lime	2495
shale	414	lime	1540	shale red	2505
shale red	445	shale red	1545	show gas 2505-10	
shale blue	495	lime	1555	sdv shale	2510
lime	500	shale	1565	shale blue	2525
shale blue	510	lime	1605	shale	2573
shale red	560	shale blue	1615	lime	2581
shale	580	shale red	1615	shale	2588
shale red	585	lime	1630	shale red	2590
shale	670	shale	1640	lime	2600
lime	675	lime	1650	shale	2608
shale	680	lime	1655	lime	2620
salt	745	shale	1670	shale	2627
shale	748	lime	1685	lime	2633
salt	885	shale	1700	shale	2650
shale	890	shale blue	1705	lime	2655
anhydrite	910	lime	1710	broken lime	2668
anhydrite & shale	920	shale	1750	shale	2671
anhydrite	940	lime	1760	lime	2685
anhydrite & shale	960	shale blue	1775	sand HFW 2695-2720	2690
anhydrite	970	shale	1780	sand	2753
lime	975	shale red	1785	lime	2765
shale	995	lime	1795	shale blk	2770
lime	1000	shale red	1800	shale blue	2775
shale	1010	shale	1820	shale	2776
lime	1020	shale red	1825	lime	2835
shale	1035	lime	1830	lime	2850
lime	1040	shale	1855	shale blue	2855
shale	1045	shale blue	1885	lime	2877
shale brown	1055	shale blk	1915	shale	2882
shale	1065	lime	1935	lime	2888
lime	1075	shale blue	1945	shale green	2893
shale	1080	lime	1950	lime	2930
lime	1085	shale	1980	Variegated shale	2952
shale	1155	lime	1995	lime	2977
shale red	1160	shale blue	2015	conglomerate	2997
broken lime	1195	shale	2025	lime	3004
shale blue	1220	lime	2035	3004 equals 2998	
lime	1225	shale blue	2050	lime	3004
broken lime	1290	lime	2055	HFW Total Depth.	
lime	1300	shale blue	2125		
shale red	1310	lime	2140		
broken lime	1320	shale blue	2155	OVER	
shale	1345	lime	2180		
1345 equals 1340		shale blk	2195		
sdv shale	1355	show gas 2195-2200			
		lime	2200		



Handwritten notes: 1641 / 2685 / 2961

Handwritten notes: 2510 / 2540 / 2570

DEEPENING RECORD.

LARIO OIL AND GAS CO.
State (Rickerdyke) No. 1, 29-15-8W.

Comm. 3-19-35 Comp. 10-3-35,
Prod. Dry.

lime	3004	3015
shale		3018
lime		3021
HFV 3020		
lime		3100
sand water		3102
lime		3134
sand		3140
lime		3165
sand		3177
sand		3198
lime		3210
sdv lime		3231
sdv lime		3250
lime		3255
shale red		3261
sdv lime		3275
lime		3285
sdv lime		3337
lime		3358
sdv lime		3406
lime		3430
sdv lime		3436
lime		3480
sdv lime		3485
red sand		3500
sdv lime		3517
lime		3526
red sand		3570
lime		3590
sand		3612
sdv lime		3634
lime		3655
sdv lime		3680
red sand		3691
lime		3714

sdv lime	3753
lime	3763
shale red	3770
sdv lime	3808
sand	3849
sdv lime	3865
sand	3870
sdv lime	3904
lime	3923
sdv lime	3953
Total Depth	

LARIO OIL & GAS CO. H.V. ELWELL.
 Central National Bank No. 1.

SEC. 33 T. 15 R. 8W.
 Sec NW

Total Depth. 2962
 Comm. 5-8-35 Comp. 6-10-35
 Shot or Treated.
 Contractor. Broadwater Drilling Co.
 Issued. 6/29/35

County Ellsworth.

CASING.

20" 35' 8" 2557'
 15" 453' 6" 2898'
 12 1/2" 1241' 11"

*1553
 6
 X 8*



Elevation. 1553

Production. DRY.

Figures Indicate Bottom of Formations.

clay	30	lime	1345	sdv lime	2460
shale	35	shale red	1365	2 BW 2450-60	
shale blue	45	shale	1375	sdv shale	2515
shale	95	sdv lime	1385	lime	2535
shale blue 15 BW	110	shale	1405	shale	2545
sand water	125	lime	1420	lime	2600
shale blue	165	shale red	1450	shale	2610
shale red	210	lime	1460	show oil 2658	
shale blue	250	shale	1465	lime	2680
shale red	285	lime	1490	shale	2690
shale blue	295	shale	1500	lime	2700
shale red	355	broken lime	1515	shale	2705
shale blue	365	shale and shells	1540	lime	2715
shale	405	lime shells	1545	shale	2725
shale red	420	shale	1560	lime	2775
shale	430	lime	1605	water 2770	
shale red	440	shale	1615	lime	2810
shale blue	450	shale and shells	1705	shale	2825
shale	460	shale	1735	lime	2845
shale red	465	lime shells	1740	shale	2850
shale blue	495	shale & lime shells	1750	lime	2855
shale red	505	shale red	1755	shale	2865
shale blue	535	shale	1825	lime	2885
535 equals 540		lime	1840	shale red	2887
shale blue	595	shale	1885	lime	2898
shale	600	lime	1915	2898 equals 2887	
salt	685	shale blue	1925	lime	2887
shale	695	lime	1930	conglomerate	2950
salt	800	shale blue	1935	lime	2962
lime	830	shale & lime shells	1950	Total Depth.	
shale	840	shale red	1955		
lime	870	shale	1965	HFV 2956-62	
shale	885	lime	1970		
lime	895	shale	1980		
shale	955	shale blue	1995	<i>Scout Tops:</i>	
lime	980	shale	2035	<i>511 2950</i>	
shale	995	broken lime	2055		
shale red	1000	shale	2075		
lime	1015	lime shells	2096		
shale	1020	lime	2100		
lime	1030	shale	2110		
shale	1045	show gas 2111			
shale red	1065	sdv lime	2125		
lime	1075	lime	2165		
show gas 1085-88		shale	2167		
broken lime	1100	lime	2245		
shale	1110	2 BW 2215-20			
broken lime	1130	shale	2255		
lime	1185	lime	2325		
2 BW 1175-85		show gas 2300-10			
sdv lime	1195	sand	2340		
shale red	1210	7 BW 2325-70			
sdv lime	1220	sdv lime	2375		
shale	1225	sand	2380		
lime	1227	shale	2385		
1227 equals 1239		5 BW 2375-80			
lime	1260	lime	2400		
lime and chat	1300	shale & lime shells	2425		
shale red	1310	lime	2435		
show gas 1310-15		red shale	2440		

*2715
 1553
 1162*

*2950
 1553
 1397*

WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY
 UNION NATIONAL BANK BLDG., WICHITA, KANSAS

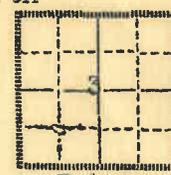
483731

CASING RECORD

LOCATION 1324' fr NL 1321' fr WL SW/4

SEC 3 T 16 R 8 W

10" 1996 FARM C. J. Wrightsman NO. 1 COUNTY Ellsworth
 20" 8 1-4 3030 COMPANY Phillips Petroleum Co.
 15 1-2 787 6 5-8 CONTRACTOR Long Drlg. Co.
 12 1-2 1204 5 3-16 COMMENCED 3/13/26. COMPLETED 11/3/26.



TOTAL DEPTH SHOT QUARTS BETWEEN
 CORRESPONDENCE REGARDING THIS WELL SHOULD BE REFERRED TO Phillips Petroleum

Co., Bartlesville, Oklahoma.

FIGURES INDICATE BOTTOM OF FORMATIONS.

REMARKS 12/11/26.

ELEVATION 1563

INITIAL PRODUCTION Dry

Formation	Depth	Formation	Depth	Formation	Depth
soil red soft	10	lime gray hrd	1578	shale lgt sft	2670
shale blue soft	40	shale blue soft	1595	lime gray hrd	2675
sand light sft	54	lime gray hrd	1610	shale gray sft	2685
(20" at 60')		shale blue sft	1637	lime gray hrd	2770
shale blue soft	85	sand gray hrd	1649	shale lgt sft	2785
lime lgt hrd 2 BW 145	90	shale dark soft	1654	Oil 2848'	
shale blue sft	165	lime gray hrd	1669	lime lgt hrd	2885
red rock red sft	210	shale gray soft	1700	1 B. W. 2790')	
shale blue soft	230	caving		shale green soft	2890
red rock red sft	330	lime light hrd	1705	lime lgt hrd	2900
shale blue soft	345	shale light soft	1720	shale drk soft	2910
red rock red sft	395	lime light hrd	1725	lime lgt hrd	2922
shale light soft	425	shale light soft	1738	red rock red hrd	2927
red rock red sft	450	lime light hrd	1748	shale drk sft	2950
shale blue soft	500	red rock red hrd	1758	shale all colors	2987
red rock red soft	520	shale light soft	1763	Caving	
lime light hrd	525	red rock red hrd	1770	lime light hrd	2997
shale blue sft	620	shale drk soft	1775	sand red hrd HFW	3005
(15 1/2" at 788')		red rock red hrd	1780	lime lgt hrd	3089
salt rock light hrd	830	lime light hrd	1785	sand lgt hrd	3120
shale light soft	857	red rock red hrd	1820	8 1/2" 3025'	
lime light hrd	862	shale drk soft	1876	sandy lime hrd	3160
shale light soft	910	Caving		sand sharp gray hrd	3160
shale light soft	937	lime light hrd	1896	HFW	
lime light hrd	942	shale dark soft	1936	lime light hrd	3350
shale light sft	950	lime light hrd	1959	sand lgt hrd	3425
lime light hrd	955	shale dark soft	1968	red rock red hrd	3430
shale blue soft	975	lime light hrd	1975	lime lgt hrd	3435
red rock red hrd	990	shale dark soft	1980	red rock red hrd	3440
lime light hrd	1017	lime light hrd	1991	lime red hrd	3485
shale light soft	1027	(10" 1988')		red rock red hrd	3495
red rock red hrd	1042	shale dark soft	2015	lime lgt hrd	3500
shale light soft	1072	lime light hrd	2025	red rock red hrd	3510
red rock red hrd	1110	shale light soft	2075	lime red hrd	3520
lime light hrd	1134	lime light hrd	2080	lime sharp gray hrd	3550
(Show gas)		shale dark sft	2085	sand sharp red hrd	3750
shale light soft	1150	lime light hrd	2090	HFW 3989	
lime lgt hrd	1191	shale light soft	2133	lime gray hrd	4157
(12 1/2" at 1195')		lime drk hrd	2145	sand broken green med.	4177
shale light soft	1200	shale drk soft	2190	lime sharp gray hrd	4191
lime light hrd	1235	lime lgt hrd	2205	lime gray hrd	4203
shale blue sft 1 BW	1250	shale lgt soft	2217	sand broken gray med	4210
red rock red soft	1260	sand lgt sft	2240	lime gray hrd	4249
shale light soft	1300	(3 BW 2240')		HFW 4237	
lime light hrd	1315	shale drk soft	2245	slate green med.	4261
shale blue soft	1321	lime gray hrd	2250	lime sandy gray hrd	4271
sand light hrd	1339	shale drk soft	2255	lime sharp grey hrd	4280
red rock red hrd	1348	lime lgt hrd	2310	lime gray hrd HFW	4320
red rock red hrd	1365	shale drk sft	2330	lime sandy gray hrd	4445
lime light hrd	1375	HFW 2425			
shale blue sft	1410	lime light hrd	2462	TOTAL DEPTH	4445'
(caving bad)		shale drk sft caving	2464		
lime light hrd	1415	lime lgt hrd	2485		
red rock red hrd	1420	red rock red hrd	2505		
shale light soft	1440	shale gray soft	2520		
lime light hrd	1448	sand drk hrd HFW	2545		
red rock red hrd	1458	shale blue soft caving			
shale blue soft	1465		2583		
red rock red hrd	1470	lime light hrd	2590		
lime light hrd	1475	shale light soft	2600		
red rock red hrd	1512	lime lgt hrd	2650		
shale light soft	1568	sand gray hrd	2662		

1600
 1563
 1037
 2987
 1563
 1424

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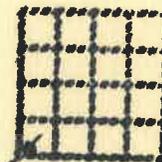
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CITIES SERVICE OIL CO.
Kanak No. 1.

SEC. 12 T.16 R.8W
SW^o SW
330' N 330'E SW Cor.

Total Depth. 2970'
Comm. 6-4-40 Comp. 6-16-40
Shot or Treated. No
Contractor. Corbett-Barbour Drlg.Co.
Issued. 8-10-40

County. Ellsworth



CASING:
8 5/8" 193'

Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

sand	98
red bed & shells	250
shale & shells	775
anhydrite	825
shale & shells	850
salt	1083
shale & lime	1223
lime	1350
lime brkn	1411
lime shells & shale	1554
shale & shells	1850
lime	1970
shale & lime brkn	2064
shale & lime	2289
shale & shells	2291
lime brkn	2347
shale & lime	2415
lime brkn	2526
lime	2607
lime cored	2617
lime	2854
lime brkn	2905
lime brkn & shale	2923
Arbuckle	2925
Arbuckle cored (rec. 8')	2935
shale & chert	2939
shale & lime	2970
Total Depth.	

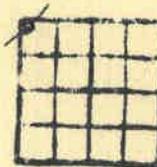
Top Eros. Arbuckle 2923
Top Solid Arbuckle 2952
Penetration 18

ORVILLE J. LEE ET AL
Larkin No. 1.

SEC. 15 T. 16 R. 8W
NWc NW

Total Depth. 3131'
Comm. 3-31-37 Comp. 4-25-37
Shot or Treated.
Contractor, Orville J. Lee
Issued. 11-27-37

County. Ellsworth



CASING:
15 1/2" 171-6
12 1/2" 460-2
10 " 1395'
85/8" 2359-4 UR 2574'
7 " 3050' UR 3060

Elevation. 1623

Production. Dry

Figures Indicate Bottom of Formations.

cellar	12	lime	1740	sdv lime	2815
limestone sft	20	shale drk	1750	1 BW	
shale red	70	lime	1755	lime	2892
shale blue	140	shale drk	1800	white chalky lime sft	2894
lime	150	shale red	1810	lime hrd	2930
shale blue	175	shale drk	1825	shale	2938
lime	190	lime	1830	lime	2945
shale blue	220	shale lgt	1840	shale	2952
shale red	240	shale red	1845	lime	2972
brkn lime 4BW 240	245	sdv lime 2Bailers	1870	red rock	2975
sand	255	shale 1845-70	1915	limo	2985
shale red	395	lime	1945	rod rock cavy	2990
gypsum & shells	425	shale drk	1980	conglomerate	3007
shale red	450	lime	2005	lime	3018
slate white	455	shale drk	2010	chat	3048
anhydrite lime	462	lime hrd	2025	shale green	3050
shale blue	520	shale brown	2030	sand Top Arbuckle	3088
shale red	550	lime	2045	lime 3052	3073
shale blue	670	shale	2055	HFV 3053 Gas at 3061	
Wellington salt	890	lime	2065	sdv lime	3085
shale grey lgt	915	shale blue	2110	Corrected to 3080	
lime	935	lime	2115	sdv limo	3131
shale grey lgt	950	shale blue	2130	Total Depth.	
lime	970	lime	2205		
shale blue	975	shale	2225		
lime	1000	limo	2260		
shale grey lgt	1035	shale drk	2275		
shale brown	1050	lime 2 BW 2330	2335		
lime grey	1080	shale	2345		
shale lgt	1095	lime 1/2 Bailer 2405	2450		
shale red	1100	sdv lime hrd	2475		
lime	1145	shale blk	2480		
shale blue	1170	lime	2485		
lime	1200	shale lgt	2500		
shale blue	1210	lime	2510		
lime 1BW 1275	1305	shale	2514		
shale red	1315	brkn lime	2530		
lime	1325	1/2 Million gas 2514-20			
shale lgt	1350	sdv lime HFV 2530-	2565		
sdv lime	1365	lime 50	2575		
shale drk	1370	shale blue	2595		
lime	1380	lime	2598		
slate blk	1385	shale blk	2605		
lime	1395	lime	2615		
shale	1400	shale	2620		
lime	1410	Top K.G. lime 2620			
shale blue	1420	lime	2688		
lime	1450	brkn limo	2694		
shale red	1460	good sh free oil 2688			
lime	1475	Estimated 5 Bbls. daily			
shale red	1485	1/2 BW 2695			
shale brown	1515	lime	2700		
lime	1520	sand 4 Bailers Wtr	2730		
shale red	1540	lime	2760		
lime	1610	shale blk	2762		
shale brown	1620	lime drk	2770		
lime	1695	shale drk	2780		
shale blue	1700	lime	2810		

3088
1623
~~1465~~

3047
1623
~~1424~~ Set

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LARIO OIL & GAS CO. - J.E. GRATTAN
 Wright No. 1.

SEC 17 T. 16 R. 8W.
 SWc NE

Total Depth. 3400
 Comm. 2-22-35 Comp. 4-29-35,
 Shot or Treated.
 Contractor. Broadwater Drlg Co.
 Issued. 5-4-35.

County. Ellsworth.



CASING.

15 1/2"	300'	8 1/2"	2665'
12 1/2"	1135'	6"	3042
10"	1927'	53/16"	3203'4"

1639
 720
 919

Elevation. 1639

Production. DRY.

Figures Indicate Bottom of Formations.

sand	30	lime	1500	8 BW 2590	
shale	70	shale	1505	sand	2600
shale red	85	lime	1510	shale	2654
shale	120	shale	1518	lime	2657
sand	130	red rock	1525	??	2660
shale blue	140	shale	1535	lime	2665
sand	150	lime	1545	shale	2670
shale	180	shale	1550	shale and shells	2685
lime	190	lime	1560	red rock	2690
sand	195	shale	1565	shale	2695
shale	260	red rock	1570	lime	2701
shale red	285	shale	1580	sdv lime	2710
sdv lime	290	lime	1585	lime	2720
lime hard	295	shale	1595	shale	2735
red rock	300	lime	1600	rainbow oil 2701-14	
lime	303	red rock	1625	lime	2755
red rock	490	lime	1665	lime	2810
shale	560	shale	1670	sand	2820
red rock	590	lime	1675	4 BW 2722-87	
shale	640	sdv shale	1690	lime	3000
shale & lime shells	695	shale	1695	shale lime shell	3025
lime	720	lime	1700	lime	3030
salt	780	shale	1715	3030 equals 3042	
lime	785	lime	1765	red rock	3045
salt	790	shale	1775	lime	3085
lime	805	lime	1785	shale	3090
salt	945	shale	1825	lime	3100
shale	965	lime	1850	broken lime	3110
broken lime	1010	shale	1855	shale	3210
lime hard	1020	red rock	1860	3210 equals 3203	
broken lime	1035	shale red	1870	lime	3220
lime	1060	shale	1875	shale and shells	3235
shell and shale	1085	lime	1880	shale	3245
red rock	1100	red rock	1890	lime	3250
shale	1110	shale	1910	shale	3275
broken lime	1135	lime	1920	lime	3338
lime	1145	HFV 1925		shale green	3340
shale	1170	sand	1970	lime	3350
red rock	1175	shale blue	1980	sand	3370
show of gas 1185		lime	2010	shale	3380
sdv lime	1210	shale	2050	lime	3400
shale	1225	lime	2070	Top Siliceous 3390	
red rock	1245	lime	2105	Total Depth	HFV
lime	1275	shale	2125	Scout Tops:	
shale	1280	sdv lime	2130	K.C.	2695
lime	1325	shale	2150	Cong	3060
show of gas 1300		shale	2150	Viola	3268
1 1/2 BW 1350-1365		lime	2180	Simp	3334
sdv lime	1375	shale	2205	Wilcox	3350
shale	1385	lime hard	2225	Sil	3392
red rock	1395	shale	2235		
lime	1402	lime	2260		
shale	1410	shale	2290		
lime	1425	lime	2300		
shale	1435	1/2 BW 2310			
lime	1440	shale	2315		
shale	1445	lime	2545		
lime	1450	shale	2550		
shale	1470	lime	2555		
red rock	1480	shale	2560		
		lime	2590		

2695
 1639
 1056

FRYOR & LOCKHART ET AL.
 Gregory No. 1.

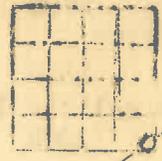
SEC. 19 T. 16 R. 8W.
 SEC SE

Total Depth. 3385 1/2
 Comm. 2-15-35 Comp. 4-16-35
 Shot or Treated.
 Contractor. G. W. Hinkle.
 Issued. 4-27-35.

County. Ellsworth.

CASING.

15 1/8" 445' 65/8" 3196'
 12 1/2" 1080'
 10" 2087
 8 1/4" 2905 UR 2952



Elevation. 1731

Production. DRY.

Figures Indicate Bottom of Formations.

sdv clay cellar	35	lime	1470
slate blue	45	2 bailers of water	1450-60
red rock	50	red rock	1475
sdv shale	145	Sample Base Florence flint	1460
water 130-145 6 PH.		lime	1510
shale blue	189	shale blue	1515
water sand	220	Sample Top Wreford lime	1513
slate	230	lime grey	1530
lime	240	shale dark	1534
sand	255	lime	1540
shale light	265	shale dark	1548
shale blue	290	sdv lime	1558
mud blue	305	lime	1560
slate blue	310	red rock	1570
shale	330	lime	1585
slate dark	335	slate	1590
red rock	380	lime	1610
shale blue	395	red rock	1622
slate	410	lime	1640
red rock	423	broken lime	1660
sand grey	430	lime	1700 hole caving.
red rock	437	red rock	1705
shale blue	460	red rock caving sample Top Neva lime	1710
red rock	600	lime	1820
slate grey	625	slate	1830
slate blue	635	lime	1870
shale blue	655	shale dark	1877
red rock	685	broken lime	1896
shale blue	728	slate light	1910
slate blue	745	slate blue	1926
slate grey	770	shale	1932
shale blue	807	shale blue	1958
Sample top wellington salt	808	slate	1985
lime	814	shale	2100
salt	905	Sample top Tarkio lime	2089
shale dark	912	lime	2130
salt	990	shale	2155
shale dark	995	Sample Top Emporia lime	2160
salt	1048	lime	2205
Sample Base Wellington salt	1048	slate	2220
shale light	1065	shale	2306
lime	1075	Sample Base Burlingame	2273
shale	1080	slate	2310
lime shells & shale	1096	lime	2320
lime white	1150	Sample Top Howard lime	2306
shale grey	1160	slate white	2333
lime	1175	shale	2342
lime and shale	1193	Sample Base Howard lime	2377
red rock	1200	lime	2377
Sample top Herrington lime	1198	shale	2392
sdv lime	1206	slate	2400
Flowing of gas	1200-1206	Topeka lime	2415
solid lime	1212	Sample Top Topeka lime	2394
lime hard	1225	slate	2420
lime sdv	1245	lime	2685
shale light	1262	1/2 BW 2420-25	
lime grey	1273	Sample Base Oread	2655
lime	1283	red rock	2690
slate light	1300	slate	2695
red rock	1320	sand	2708 3 BVPFR
Sample top Ft. Riley	1319	slate	2715

1731
 808
 +923
 1731
 1048
 2683

Gregory No. 1. Pryor and Lockhart et al.
19-16-8W.

LIME and shale	2750
sand	2758 2 BWPHR
shale	2765
lime	2775
sdv shale	2787
red rock	2790
Sample Top Lansing 2778	
lime	2833
show oil 2815-25 in colitic lime.	
lime soft	2905
HFV 2893-2905	
Correction derrick measure 2905 equals 2918	
lime soft	2930
sdv lime	2939
lime	2954
shale blk	2957
lime	2963
broken lime	2968
lime	2981
slate white	2987
sdv lime	2995
shale blk	2999
lime white	3050
lime brown	3059
shale blue	3060
lime	3069
shale grey	3075
red rock	3079
lime brown	3084
lime	3110
shale brown	3112
lime	3120
broken lime	3126
Sample Base of Kansas City 3124	
shale	3134
broken lime and shale	3155
lime	3159
Sample Top Pennsylvanian conglomerate 3160	
red rock	3162
conglomerate	3183
shale green	3197
corrected lime top 3196 drillers log	
shale	3200
Sample top Maquoketa Dolomite 3193	
lime	3212
corrected derrick measurement 3212 equals 3208	
lime	3338
Sample top of Viola line 3272	
sand	3346
Sample top of Simpson formation 3329	
shale green	3380
sample top of Arbuckle dolomite 3384	
lime	3385½
Total Depth, Hole filled with sulphur water 600'	
in 30 minutes 3380-84	

2779
1731
1047

3160
1731
1429

Scout Tops
K.C. 2790
Viola 3274
Sil 3380

4
1758

3272
1731
1541

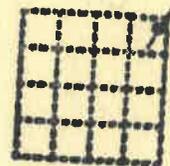
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CITIES SERVICE OIL CO.
 Essick No. 1.

SEC. 25 T. 16 R. 8W
 NE 1/4 NE
 330' S 440' W NE Cor.

Total Depth. 3512'
 Comm. 7-18-40 Comp. 8-5-40
 Shot or Treated.
 Contractor. Corbett-Barbour Drlg. Co.
 Issued. 9-21-40

County. Ellsworth



CASING:
 8 5/8" 215'

Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

surface	12
shale blue	165
red bed & shells	215
red bed	270
shale	665
shale & shells	995
anhydrite	1040
shale & shells	1168
lime brkn	1320
lime	1421
lime brkn	1530
lime	1595
lime brkn	1665
shale & lime	1717
lime brkn	1730
shale	1770
lime	1817
lime brkn	1835
shale	1917
shale & lime shells	2015
shale	2060
shale & shells	2243
shale	2285
lime	2345
shale & lime	2404
lime	2445
shale & lime	2499
lime brkn	2547
shale & shells	2658
lime	2769
lime sft	2828
lime	3003
lime brkn	3079
lime	3105
conglomerate	3121
chert	3123
chert & conglomerate	3126
shale & lime brkn	3152
lime	3355
lime brkn	3396
lime	3409
sand	3429
shale	3446
lime sdy	3450
shale	3467
lime	3512
Total Depth.	
Tops: Lansing	2682
Cherty Congl.	3111
Kinderhook shale	3210
Viola	3340
Simpson	3401
Arbuckle	3445
Penetration	67

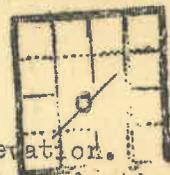
WELL LOG BUR AU - KANSAS GEOLOGICAL SOCIETY.

UNION NATIONAL BANK BLDG, WICHITA, KANSAS

Location. NE corner SW $\frac{1}{2}$ Sec. 3 T. 17 R. 8W

Casing Record. County. Ellsworth

10" 2120 Farm. Andrews No. 1
 20" 85 8 $\frac{1}{2}$ " 2925 Company. Leo. C. Morgan, L. C. Morgan, Rosenthal & Beardmore - C. A. Andrews.
 15 $\frac{1}{8}$ " 320 65/8" 3112 Contr. Rosenthal & Beardmore Drlg Co.
 12 $\frac{1}{8}$ " 100853/16" Comm. 9-6-32 Comp. 10-20-32
 Total Depth. 3400 Shot Quarts Between.
 Correspondence Regarding This Well Should Be Referred To.



Elevation. 1708

Figures Indicate Bottom of Formations.

Initial Production. DRY

Date Issued. 10-29-32

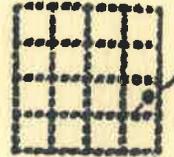
Formation	Depth	Formation	Depth	Formation	Depth.
soil	10	shale	1580	lime	2660
slate blue	65	lime	1585	shale	2675
sand HFW	85	red rock	1595	lime	2680
slate blue	125	lime	1620	red rock $\frac{1}{2}$ BW	2685
sand 3BW	135	shale	1625	lime	2695
slate	220	lime	1665	shale	2730
sand HFW	250	shale red	1680	lime	2735
slate	285	lime	1750	shale	2760
red rock	310	shale	1765	lime	2775
lime sdy HFW	325	lime	1845	shale	2785
red rock	345	shale	1855	lime	2810
mud blue	360	lime	1870	sand	2825
red rock	390	shale	1880	good show oil	
shale	435	lime	1885	lime	2880
red rock	530	shale	1945	sand HFW	2895
shale	560	lime	1960	lime sdy	2905
shale shells	600	red rock	1968	lime	2940
red rock	640	lime	1973	shale	2950
shale blue	665	shale	1985	lime	3095
shale	700	lime	1992	lime sdy	3100
shale shells	745	shale	2005	show oil LBW	
salt	1015	lime	2015	lime	3120
slate	1025	shale	2075	show oil $\frac{1}{2}$ BW 3105-10	
shale	1035	lime	2090	conglomerate	3125
salt	1060	shale	2095	shale	3215
lime	1070	lime	2100	lime broken	3220
shale shells	1120	shale	2110	lime	3225
lime	1130	sand 10BW	2120	lime broken	3252
lime shale	1160	shale sdy	2140	lime	3265
shale	1200	lime 1BWTHR 2170	2180	lime grey	3292
lime	1225	shale	2190	lime white	3300
slate	1230	lime	2195	lime $\frac{1}{2}$ BWTHR 3346	3350
red rock	1240	shale	2200	shale green	3352
lime	1255	lime	2205	lime	3356
lime broken	1290	shale	2215	sand show oil	3364
red rock	1300	lime	2220	lime	3372
lime	1335	shale	2230	sand	3377
shale blue	1345	lime	2250	shale green	3398
lime $\frac{1}{2}$ BW 1380-90	1430	shale	2285	lime Siliceous	3400
shale	1460	lime	2315	HFW 3398-3400	
lime	1475	shale	2325		
shale	1485	lime	2350	TD.	
lime	1505	shale	2360		
shale	1515	lime	2365	Scout Tops:	
lime	1525	shale	2375	Oswald 2760	
shale red	1540	lime	2485	Cong 3120	
shale lime	1555	shale	2493	Simp 3352	
shale red	1562	lime	2575	Wilcox 3364	
lime	1570	shale	2580	Sil 3398	

DUWE & FARRIS -ROYER
Rathbun No. 1.

SEC. 6 T. 17 R. 8W.
C2E 1/2 NE SE

Total Depth. 3319
Comm. 9-3-40 Comp. 9-15-40
Shot or Treated.
Contractor.
Issued. 9-28-40

County Ellsworth.



CASING.

8" 251' surface pipe.

Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

cellar	18
red clay	65
sand	136
shale sholls	243
shale	263
sand	278
shale blue	279
anhydrite	440
shale	760
lime	770
shale	790
salt	1060
shale sholls	1120
lime and shale	1230
lime	1360
shale and lime	1442
lime broken	1465
lime	1605
shalo and shells	1660
shalo	1730
lime	1758
lime and shale	1780
shale	1870
shale and sholls	2011
lime	2035
shale	2091
lime	2101
shale	2133
shale and sholls	2318
lime shale breaks	2470
lime	2520
lime shalo breaks	2590
lime	2702
shale lime	2766
shalo sholls	2783
lime	3275
lime conglomerate	3315
lime water.	3319
Total Depth.	

Top Arbuckle 3305

Scanned at Wichita
Attached Well Header
Uploaded to KGS-Lawrence

SKILES, C.E. & HINERMAN, O.F.
Kafka No. 1.

SEC. 15 T. 17 R. 8W
NE c NE $\frac{1}{4}$ SW $\frac{1}{4}$

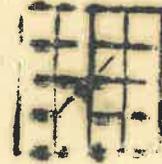
483786

Total Depth. 3327'
Comm. 2-25-36 Comp. 4-26-36
Shot or Treated.
Contractor.
Issued. 5-9-36

County, Ellsworth

Scout Tops:
K.C. 2835
Viola 3240
Sil 3319

CASING.	
12 $\frac{1}{2}$ "	192'
10 "	365'
8 "	2132'
6 "	3240'



Elevation. 1765

Production. Dry

FIGURES Indicate Bottom of Formations.

lime	10	lime & shale	1665	lime	2705
sand	30	lime	1715	lime broken	2720
shale dark	50	shale dark	1735	lime hard	2730
shale blue	75	lime	1745	red rock	2740
shale	95	shale blue	1755	lime sandy grey HW	2750
sand water	100	lime	1760	lime sandy	2753
red rock	115	shale	1770	shale	2755
sand water	120	lime	1820	lime	2763
shale	170	shale blue	1825	shale blue	2767
sand HFW	188	lime	1835	lime brown	2775
lime	195	lime broken	1845	lime hard	2790
shale	240	shale	1860	shale blue 1 BW	2820
sand 19BW	255	lime	1875	lime brown	2828
shale	260	lime & shale	1925	lime	2835
shale blue	280	lime	1940	lime hard	2848
shale	315	shale blue	1970	lime broken	2850
shale dark	335	shale	1990	lime grey	2860
shale red	340	lime 2 BW	2015	lime hard	2870
shale blue	355	shale	2020	lime soft	2875
lime	365	lime & shale blue	2050	lime hard grey	2895
red rock	385	shale blue	2095	lime hard	2905
lime	392	shale dark	2120	lime	2913
shale blue	420	lime dark	2125	lime broken black	2920
red rock	515	shale	2134	lime grey	2925
shale blue	550	lime	2165	lime HFW 2955	2960
red rock	570	lime sandy $\frac{1}{2}$ BW	2170	lime grey sandy	2968
shale blue	625	shale	2185	lime grey hard	2975
shale	630	lime grey	2190	lime	2980
lime	655	lime sandy	2195	lime grey	2985
red rock	695	lime & shale	2220	lime hard dark	2990
lime	705	shale	2225	lime	3000
shale blue	820	lime	2240	shale blue	3005
shale	850	shale blue	2255	lime hole caving	3015
salt	1080	lime	2275	lime grey	3020
shale dark	1100	shale	2325	lime	3035
lime hard	1112	lime	2340	lime grey	3045
shale dark	1115	lime broken	2365	lime white	3105
lime hard	1165	shale blue	2370	lime grey	3114
shale & shelly	1210	lime broken	2375	lime broken dark	3120
shale blue	1230	lime hard	2395	lime grey	3140
shelly	1245	lime broken	2430	lime shale grey	3150
lime & shale	1260	lime hard	2505	lime grey	3160
shale blue	1290	lime white hard	2515	shale blue	3165
lime & shale	1300	lime hard	2533	lime	3170
lime	1340	shale black	2535	red rock	3175
red rock	1355	lime	2540	lime	3180
lime grey	1395	shale blue	2545	red rock	3185
shale blue	1410	lime	2560	lime white	3197
lime grey	1430	sand	2562	red rock	3198
shale	1475	shale blue	2567	lime & shale blue	3205
lime sandy 1 BW	1485	lime grey	2580	lime	3207
shale blue	1505	Correction 2567=2562		red rock	3210
lime	1560	lime hard	2595	lime white	3218
shale	1565	lime broken	2600	red rock	3230
lime white	1570	lime plenty hard	2625	conglomerate	3240
shale blue	1585	lime brown	2645	lime grey	3270
lime brown	1595	lime I BW	2660	lime	3280
red rock	1605	lime brown	2680	shale	3319
shale blue	1610	lime grey	2690	S.L.lime	3320
lime	1620	lime	2698	HFW lime	3327
shale	1640	shale black	2700	Total Depth	

2920
1765
1053

1765
830
+915

TOM PALMER.
Splitter No. 1.

SEC. 17 T. 17 R. 8W.
NW NE SE

Total Depth. 3413.
Comm. 10-2-35 Comp. 11-10-35.
Shot or Treated.
Contractor. The Palmer Oil Corporation.
Issued. 11-16-35.

County. Ellsworth

Scout Tops
Wilcox
3375
Sil 3408



CASING.

15 1/2"	238'3"	8 1/4"	3029
12 1/2"	411'4"	65/8"	3248'1"
10"	1781'9"		

Elevation. 1771

Production. DRY

Figures Indicate Bottom of Formations.

Cellar	10	4 BW 1425		lime grey hard	2480
shale red hard	35	lime light	1500	lime broken	2495
sand brown	45	shale light soft	1510	shale dk soft	2500
shale red	50	red rock 4 BWPHR	1520	lime light hard	2555
shale light soft	100	lime light hard	1535	shale light soft	2570
red rock soft 10BWP	105	shale blue soft	1545	lime light hard	2580
shale soft	115	lime light hard	1570	lime broken	2595
red rock	120	shale blue	1575	shale blue soft	2600
sand hard	130	lime light hard	1585	lime light hard	2610
sand water	135	shale dark soft	1595	slate dark soft	2615
sand light soft	145	lime light hard	1615	lime broken	2670
HFW 140		red rock soft	1620	shale blue soft	2675
shale blue	155	lime hard	1630	lime broken	2695
red rock	160	red rock soft	1640	lime light hard	2700
shale light	170	lime light hard	1655	shale blue	2710
shale dark	175	red rock soft	1665	lime light hard	2720
shale light soft	210	lime grey hard	1670	red rock	2725
sand light soft	240	lime shelly	1695	lime 1 1/2 BWP 2735-40	2740
sd shale	250	shale light soft	1705	shale blue soft	2805
shale dark soft	280	lime light hard	1737	lime light	2815
shale light soft	285	red rock	1753	shale dark soft	2825
lime sdy hard	295	lime light hard	1770	lime light hqrd	2830
shale blue soft	370	shells and slate	1790	shale dark soft	2835
cave at 310		lime light hard	1800	lime hard	2865
red rock	408	slate light soft	1810	lime porous soft	2875
lime	420	lime light hard	1820	lime hard	2885
red rock	480	shale light soft	1830	shale dark soft	2890
shale light soft	500	shale and shells	1860	lime light hard	2905
red rock	640	lime white hard	1900	shale dark hard	2910
shale blue	715	shale blue soft	1905	lime light hard	2955
red rock soft	735	lime grey	1910	HFW 2955	
shale blue	780	shale blue	1915	sand water	2985
lime grey	785	lime grey hard	1935	shale	2990
shale blue	790	shale light soft	1945	lime brown hard	3012
lime grey	795	shale dark soft	1980	slate dark soft	3015
shale blue	820	shale light soft	1995	lime light hard	3040
shells	850	lime light hard	2010	lime broken	3055
shale light soft	870	red rock soft	2030	shale blue	3060
salt light hard	1095	shale blue soft	2045	lime light	3095
shale blue	1115	lime grey hard	2050	shale blk soft	3100
lime	1120	Hole caving.		lime light hard	3130
shale and shells	1135	shale blue soft	2070	shale blue soft	3133
shale light soft	1140	lime light hard	2072	lime light hard	3164
lime light hard	1150	shale sand	2125	shale blue soft	3167
shale dark soft	1160	lime brown hard	2135	lime light hard	3175
lime light hard	1170	shale blue soft	2145	Var. col shale&lime	3205
shale white soft	1175	lime grey hard	2155	shale dark soft	3219
lime white hard	1185	shale light soft	2165	lime light	3245
shale white soft	1190	shale sdy	2190	shale light	3250
lime white hard	1210	lime light hard	2220	lime broken	3270
lime and shells	1260	shale dark soft	2230	Var. col shale&lime	3280
shale dark soft	1265	lime light hard	2275	lime hard	3290
broken lime	1270	shale light soft	2330	red rock soft	3305
lime blue hard	1290	lime broken	2340	lime light hard	3350
shale light soft	1320	lime grey hard	2365	sd lime	3372
lime hard	1330	shale dark soft	2370	shale green soft	3375
shale blue	1335	lime broken	2400	sand Wilcox	3580
red rock	1355	shale light soft	2430	1/2 BWP 3375-80	
lime	1400	lime light hard	2445	shale pink	3385
shale light soft	1420	shale light	2455	lime hard HFW 3408	3390
				shale blue 3413	3408
				sand	3413
				Total Depth.	3413

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3413
3408
3413

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

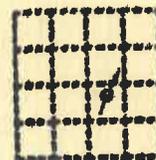
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DUWE & FARRIS-ROYER
Williams No. 1.

SEC. 18 T. 17 R. 8W.
CN $\frac{1}{2}$ NW SE

Total Depth. 3311'
Comm. 8-18-40 Comp. 8-30-40
Shot or Treated.
Contractor,
Issued. 9-14-40

County Ellsworth.



CASING.

103/4" 295'

Elevation.

Production. Dry.

Figures Indicate Bottom of Formations.

sand iron	330	sdv limo	2982
shale blue	419	limo	3156
anhydrite	434	shale and sholls	3205
shale red	700	limo	3244
shale and sholls	915	conglomerato	3276
salt	1085	shale and sholls	3296
shale and sholls	1230	limo	3311
lime shale	1279	Total Depth.	
lime	1345		
shale and sholls	1400		
lime	1420		
shale and sholls	1505	Tops -	
lime	1530	Simpson	3294
shale and lime	1565	Arbuckle	3297
lime and shale	1680		
lime	1755		
shale and sholls	2189		
shalo	2198		
lime	2218		
shale and sholls	2255		
limo	2273		
shale and sholls	2355		
limo	2410		
shale	2440		
limo	2650		
limo shale breaks	2716		
shale and sholls	2790		
shale	2822		
broken limo	2854		
limo	2907		
shalo	2931		
limo	2940		

483789

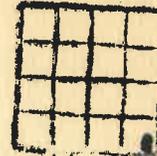
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
G.L. Baker No. 1.

SEC. 21 T. 17 R. 8W.
SE₄ SE
440' W. 440' N of SE cor.

Total Depth. 3249
Comm. 9-12-38 Comp. 10-1-38
Shot or Treated. 2000 gal.
Contractor.
Issued. 10-22-38

County. Ellsworth.



Elevation. 1795

CASING. Rotary 3224
Cable 3249

10 3/4" 217'
7" 3222'

Production. Pot. 1812 B.
No wtr.

Figures Indicate Bottom of Formations.

sand and shale	175
shale and shells	350
red bed and shells	650
shale & shells	898
shale	1075
lime	1103
salt shale & anhydrite	1280
shale and lime	1646
lime	1810
shale and lime	2428
lime	2501
lime and shale	2644
chert and lime	2660
lime	2715
lime and blue shale	2825
lime K.C.	2875
lime and shale	2959
broken lime	3015
lime K.C.	3117
lime and shale	3185
lime	3222
Arbuckle lime	3249
Total Depth.	

3221
1795

1426

2825
1795

1030

Arbuckle lime 3221-3249

When the plug was drilled at 3222' the hole filled up 1000' with oil in one hour.

Oct 6, 1938 On a three hour pumping test the well pumped 204 bbls of oil.

The well was acidized with 2000 gal acid

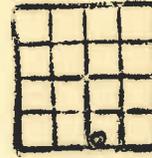
On initial potential test the well pumped 604.12 barrels of oil in 8 hours. giving the well a 24 hour potential of 1812 bbls of oil. no water.

CONTINENTAL OIL CO.
 G. L. Baker No. 2.

SEC. 21 T. 17 R. 8W
 SWc SE
 330'N 330'E S $\frac{1}{4}$ Cor.

Total Depth. 3239'
 Comm. 6-21-39 Comp. 7-11-39
 Shot or Treated. 2000 & 3000 Gals.
 Contractor.
 Issued. 8-19-39

County. Ellsworth



CASING:
 10 $\frac{3}{4}$ " 206'
 7 " 3227'

Elevation.

Production. Pot. 841 B.
 No wtr

Figures Indicate Bottom of Formations.

surface sand & red rock	211
shale & gyp shells	390
red bed	450
shale	471
red bed & shale	793
shale	1054
shale & lime shells	1446
shale	1515
lime	1564
shale & lime shells	1799
lime	1935
shale	2233
shale & lime shells	2250
lime	2303
shale & shells	2350
lime	2375
shale & lime	2481
lime	2609
lime-brkn shale strks	2736
lime	3178
shale & shells	3204
shale	3228
Arbuckle lime	3240
Total depth from cement floor level 3239	

Total Depth 3239 -

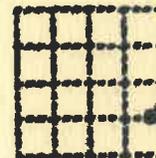
Top of Arbuckle lime from cement floor level 3224
 Total fillup w/oil 1600'
 7-12-39 acidized 2000 Gals.
 7-13-39 on pumping test the well pumped 185 BO 3 hrs.
 7-14-39 acidized 4000 Gals.
 7-15-39 on pumping test the well pumped 266 BO 4 hrs.
 7-16-39 on initial potential test the well pumped 280.44 BO 8 hrs, giving the well a 24-hr potential of 841 BO, no wtr.

CONTINENTAL OIL CO.
G. L. Baker No. 3.

SEC. 21 T. 17 R. 8W
CEL SE
1320' N 440' W SE Cor.

Total Depth. 3265'
Comm. 7-6-40 Comp. 7-22-40
Shot or Treated.
Contractor.
Issued. 9-28-40

County. Ellsworth



CASING:
10 3/4" 199'
7 " 3261'

Elevation.

Production. Pot. 640 B.
No wtr

Figures Indicate Bottom of Formations.

shale	40
shale & shells	680
shale & shells	870
salt	1060
shale & shells	1265
shale & shells	1466
lime sdy	1489
lime brkn	1640
shale & shells	1835
shale & shells	2160
shale & shells	2420
lime	2650
lime	2780
shale & lime	2880
lime	3090
lime	3215
sand	3225
shale	3263
Arbuckle lime	3265
Total Depth.	

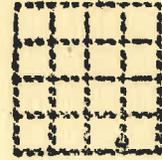
Top of Arbuckle lime from
cement floor level 3259
Total fillup w/oil 2800'
7-25-40 acidized w/1000 Gals.
7-26-40 on a 4-hr pumping test
the well pumped 123 BO, no
wtr
7-27-40 on initial potential
test the well pumped 213.21
BO in 8 hrs, giving the well
a 24-hr potential of 640 BO,
no wtr
Total depth from cement floor
level 3264

CONTINENTAL OIL CO.
G.L. Baker No. 4.

SEC. 21 T. 17 R. 8W
CSL SE
440' N 1320' W of SE Cor.

Total Depth. 3250' (CFL 3249')
Comm. 1-20-41 Comp. 2-9-41
Shot or Treated. 2-10-41 4000 Gals. Acid
Contractor.
Issued. 5-31-41

County. Ellsworth



CASING:
10 3/4" 204' Cem.
6 " 3226' Cem.

Elevation. 1790

Production. Pot. 285 B., No Wtr
Physical

Figures Indicate Bottom of Formations.

shale & sand	90
shale & shells	205
shale & red rock	660
shale & shells	945
salt	1045
shale & shells	1420
shale, shells, sand	1550
lime brkn	1800
shale & shells	2175
shale & shells	2430
lime	2595
lime	2785
shale & lime	2860
lime	3225
shale	3228
lime	3250
Total Depth.	

2529
1790
-1049

Total depth from cement floor
level 3249

Tops: K.C. lime 2839
Arbuckle lime 3225
Total fillup w/oil 1200' -
swabbed 21 BO in 5 hrs
2-10-41 acidized w/4000 Gals. Acid
2-12-41 on physical potential
test the well pmpd 95.12 bbls
oil in 8 hrs, giving the well
a 24-hr potential of 285 bbls
oil, no wtr

Note: all of above footages
calculated from
cement floor level.

C.H.WEAVER.
Johnson No. 1.

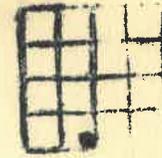
SEC 21 T. 17 R. SW
SEc SW

Total Depth. 3250
Comm. 4-11-39 Comp. 4-29-39
Shot or Treated.
Contractor. Springrose Drig Co.
Issued. 5-27-39

County Ellsworth.

CASING.

10" 191'
7" 3240



Elevation.

Production. Pot. 1259B

Figures Indicate Bottom of Formations.

surface clay and shells	191
shale and shells	380
red bed and shale	530
shale and shells	885
salt and gyp shells	1120
shale and lime shells	1155
broken lime	1235
shale and lime	1315
lime	1340
broken lime and shale	1465
broken lime	1480
sand	1510
lime	1545
broken lime	1610
shale and shells	1640
lime and shale	1710
broken lime	1825
lime and shale	2015
shale	2115
shale and shells	2285
shale	2360
shale and shells	2460
broken lime	2497
lime hard	2515
lime	2605
lime broken	2765
shale and lime shells	2800
broken lime	2810
shale	2859
lime	3210
conglomerate	3229
shale green	3240
Arbucklelime	3250

Total Depth.

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C.H.WEAVER,
Johnson No. 2.

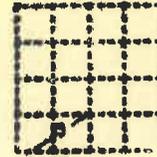
SEC. 21 T. 17 R. 8W.

~~SW~~ SE SW

CN 1/2 SE SW

County Ellsworth.

Total Depth. 3354
Comm. 1-17-40 Comp. 2-7-40
Shot or Treated.
Contractor. Springrose Drlg. Co.
Issued. 6-15-40



CASING.

10" 185'

Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

sand and shale	135
sdv lime and shale	185
shale and lime	395
broken lime	425
shale and shells	760
lime and shale	885
shale and salt	915
salt and shale	1080
shale and shells	1115
broken lime	1295
anhydrite and shale brks	1340
broken lime	1440
lime	1470
shale and shells	1515
lime broken	1550
lime	1580
broken lime	1605
lime	1645
broken lime	1850
shale and shells	2225
lime	2285
shale and shells	2355
shale lime shells	2415
lime	2430
shale	2460
lime	2505
broken lime	2515
lime	2560
broken lime	2620
lime	2653
broken lime	2735
lime	2973
lime	3005
sdv lime	3020
lime	3215
broken lime	3237
conglomerate	3303
lime	3308
lime and shale	3341
lime broken	3354

Total Depth.

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WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

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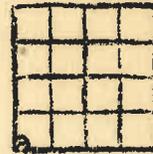
CONTINENTAL OIL CO.
R. Janzen No. 1.

SEC. 22 T. 17 R. 8W
SWc SW
440'N SL 440'E WL

Total Depth. 3250'
Comm. 8-2-38 Comp. 8-23-38
Shot or Treated.
Contractor.
Issued. 10-1-38

County. Ellsworth

Rotary 3215
Cable 3250



CASING:

10^{3/4}" 220'
7 " 3211'

Elevation.

Production. Pot. 1833.12 B.
No water.

Figures Indicate Bottom of Formations.

surface sand	220
shale	390
red beds	450
shale & shells	660
salt	900
shale & red beds	1100
anhydrite	1218
anhydrite & shale	1232
red beds	1260
salt & lime	1342
shale & lime	1492
lime brkn	1650
shale & lime	1771
lime	1863
shale & lime	2362
lime	2748
lime & shale	2800
lime	3196
shale	3212
Arbuckle lime	3250'
Total Depth.	

Arbuckle lime 3210-3250

Well was drilled to total
depth of 3250' and had a
fillup of 3100' of oil in
hole.

9-2-38 on a six-hr pumping test
the well pumped 480.55 bbls oil,
no wtr.

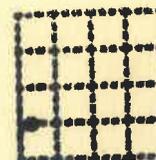
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CONTINENTAL OIL CO.
R. Janzen No. 2

SEC 22 T. 17 R. 8W.
CWL SW
1320' N 440' E SW cor.

Total Depth. 3239
Comm. 4-5-40 Comp. 4-20-40
Shot or Treated. No acid
Contractor.
Issued. 7-6-40

County Ellsworth.



CASING.

10 3/4" 193'
7" 3232'

Elevation.

Production. Pot. 1062 B.
no wtr.

Figures Indicate Bottom of Formations.

surface	194
shale blue	375
rod bed & shale	680
shale and sholls	855
salt	1060
shale and sholls	1170
limo and sand	1335
brokon limo	1470
sand	1485
brokon limo	1590
shalo and shells	2335
brokon limo	2415
shalo and sholls	2470
limo	2725
shalo and sholls	2823
limo	3135
limo and shalo	3197
shalo and sand	3229
shalo	3244
3244 equals 34 corr.	
Arbuckle limo	3239
Total Depth.	

Top of Arbuckle limo from
cemet floor level 3230

Drilled cemet plug and hole filled up 800' with oil in 1 hour.
Total Fillup 3060'

4-24-40 On initial potential test well pumped 353.88 bbls oil in
8 hours giving the well a 24 hour potential of 1062 bbls of oil no
water, no Acid.

Total Depth from cemet floor level 3239.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

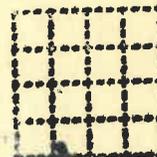
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CONTINENTAL OIL CO.
R. Janzen No. 3

SEC. 22 T. 17 R. 8W.
SW SE SW
440' N 1333' E of SW cor.

Total Depth. 3246 (3245 Cem. Floor level)
Comm. 1-7-41 Comp. 1-25-41
Shot or Treated.
Contractor.
Issued. 3-29-41

County Ellsworth



CASING.

103/4"	212'	Cemented.	Elevation
6"	3235'	Cemented.	

Production. Pot. 7070 B.
no wtr Echometer.
Maximum Pot. of 3000 B.
no wtr.

Figures Indicate Bottom of Formations.

sand and shells	120	
shale and shells	495	
anhydrite	520	
shale and shells	825	
lime shells & salt	1120	
shale and shells	1340	
broken lime	1450	
shale lime & shells	1550	
broken lime	1580	
shale and shells	1650	
broken lime	1935	
shale and shells	2340	
broken lime	2360	
lime	2635	
lime and shale	2740	
shale & shells	2785	
lime broken	2850	
lime	2920	(2865-2886 break)
lime	2975	(2954-2966 soft break)
lime	3135	
lime and shale	3165	
lime	3205	
lime sand & shale	3239	
lime	3246	

Total Depth.

Total Depth from cement floor level 3245.

Top of Arbuckle lime from cement floor level 3233

Total Fillup with oil 2400' - Swabbed 93 bbls oil, swabbing hole to bottom. - Swabbed 9 bbls oil per hr for 6 hours off bottom.

1-27-41 Acidized with 2000 gallons

1-28-41 Obtained Echometer Potential of 7070 bbls oil no water. establishing a maximum allowed pot. of 3000 bbls oil no water.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

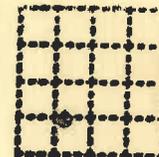
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CONTINENTAL OIL CO.
R. Janzen No. 4

Sec. 22 T. 17 R. 8W.
CWL E $\frac{1}{2}$ SW
1320' N 1376' E SW Cor.

Total Depth. 3269
Comm. 3-26-41 Comp. 4-13-41
Shot or Treated. No acid.
Contractor.
Issued. 6-14-41

County Ellsworth.



CASING.

103/4" 205'7"
6" 3265'

Elevation.

Production. Pot. 557 B.

Figures Indicate Bottom of Formations.

shale and shells	915
salt	1050
shale and shells	1490
broken lime	1605
shale and limo	1770
shale and shells	2200
shale and limo	2320
broken lime	2445
lime	2685
broken limo	2790
lime and shalo	2865
lime	3215
limo and shalo	3245
shalo	3263
lime	3269
Total Depth.	

Top Arbuckle 3264

CONTINENTAL OIL CO.
F.M. Grey No. 1

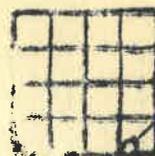
SEC. 26 T. 17 R. 8W
SW SE SE
330' N and 990' W of SE cor.

Total Depth. 3310 P.B. 3205
Comm. 9-25-38 Comp. 10-10-38
Shot or Treated.
Contractor.
Issued. 12-24-38

County Ellsworth.

CASING.

13" 284'



Elevation. 1722

Production. DRY.

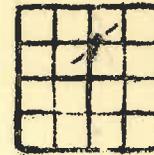
Figures Indicate Bottom of Formations.

cellar	8	red conglomerate	3267
surface clay	20	sand no show	3280
lime	45	shale	3291
shale and sand	180	sand and lime	3310
shale and lime shells	290		
red bed	305	Total Depth.	
broken lime	375	Top Kansas City	2790
shale and lime shells	445	Top Viola lime	3190
shale	456	Top Arbuckle lime	3295
red bed and shale	496		
broken anhydrite	514	Cored 3300' - 3310 with a 4'	
shale and shells	850	Rec. of Arbuckle lime, spotted	
salt	1025	with spots of dead oil.	
shale and lime broken	1040		
lime	1070	10-11-38 Halliburton drill stem	
broken lime	1120	test 122' of muddy water with a	
shale and shells	1179	very slight trace of oil.	
shale and lime	1246	10-11-38 Schlumberger Test	
shale and lime shells	1420		
sand	1432	Tops as follows -	
broken lime	1448	Top Topoka lime	2405
shale and shells	1537	Top Kansas City lime	2787
lime and shale	1619	Main body of K.O. lime	2800
broken lime	1660	Possible show of oil and gas	
broken lime and shale	1690	at 2775-2790	
broken lime	1720	Sdy shale slight porosity	2790-2800
shale and lime	1750	Very small sh, very small porosity	2810-2820
broken lime	1756	small show oil, very small porosity	2915-2930
broken lime and shale	1831	Water	3105-3120
broken lime	1864	Dolomitic lime, possible oil and gas	3130-40
shale and shells	1931	water	3145-3165
shale and lime broken	1980	Top Viola lime	3165
shale and shells	2055	show oil and gas	3167-3192
shale and lime shells	2167	Top Arbuckle lime	3295
broken lime	2209	water	3295-3307
shale and shells	2252	P.B. from 3310- to 3205.	
shale and lime broken	2323		
shale and shells	2403	Took Halliburton Drill stem test from 3190	
lime	2490	to 3215 setting the packer at 3190, opened	
broken lime & shale	2580	for thirty min. The test showed 80' of	
lime	2616	muddy water, no oil or gas.	
broken lime	2700		
broken lime and shale	2743	11-15-38. The hole was filled with heavy mud	
broken lime	2806	from 3215- to 290	
lime soft porous	2819		
lime and shale	2825		
shale and lime broken	2884		
broken lime	2916		
lime	2947		
lime and shale	2953		
lime	3158		
shale brown	3192		
lime	3246		
dolomite	3257		

CONTINENTAL OIL CO.
H.L.Jansen No. 1

SEC. 27 T. 17 R. 8W
CWL NE $\frac{1}{4}$
330' E & 1320 S of N $\frac{1}{4}$ Cor.
County Ellsworth.

Total Depth. 3452
Comm. 2-16-39 Comp. 3-2-39
Shot or Treated.
Contractor.
Issued. 5-13-39



CASING.

1 3/4" 200'

Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

cellar	9-3
clay sandstone	92
sand	100
shale and lime shells	190
shale	210
shale and shells	335
red bed	395
lime	415
red bed shale and shells	645
shale and shells	905
salt and shale	1070
shale and shells	1110
lime and shale	1170
broken lime	1255
shale and shells	1462
sand	1490
shale and lime shells	1530
shale and shells	1650
shale and lime shells	1890
shale and shells	2140
shale	2197
shale and shells	2460
lime	2730
broken lime and shale	2747
shale and shells	2787
lime and pyrite	2798
shale and shells	2839
lime and shale	2877
broken lime	2880
lime	2920
broken lime	2950
lime	3165
lime and shale	3198
lime	3205
shale	3217
lime	3257
shale and chert cong.	3265
shale	3268
sand	3274
shale	3292
dolomite show oil	3294
lime	3360
conglomerate	3405
broken lime and shale	3444
lime and chert	3452
Total Depth.	

Top of Viola lime 3217

Top of Arbuckle lime 3292

Cored 3293-3297 Rec 4'
Arbuckle lime with a slight
Saturation of oil.

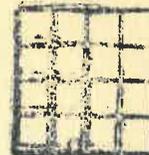
Halliburton Drill stem test
was taken with the packer set
at 3293. Recovered 300' of
mud and salt water no oil.

CONTINENTAL OIL CO.
 Ploog No. 1A.

SEC. 27 T. 17 R. SW
 SE SE SW

Total Depth. 3259'
 Comm. 6-25-37 Comp. 7-22-37
 Shot or Treated. 2000 Gals.
 Contractor.
 Issued. 9-18-37

County. Ellsworth



CASING:

10" 210'
 7" 3252'

Elevation.

Production. Pot. 1527 B.
 8 hrs.

Figures Indicate Bottom of Formations.

sand hrd	40
no log	210
shale & shells	820
salt	1068
salt & shale	1088
anhydrite	1105
brkn lime & shale	1350
shale & shells	1480
lime	1531
brkn lime	1624
brkn lime & shale	1662
brkn lime	1675
shale & shells	2217
lime	2232
lime & shale	2303
lime	2385
shale & lime	2423
lime	2536
shale	2545
lime	2693
lime brkn	2760
brkn lime & shale	2805
lime	2853
shale	2870
lime	2920
brkn lime	2967
K.C. lime	3180
lime brkn	3220
conglomerate	3226
sand	3235
sdv shale	3241
sh lo	3250
Siliceous lime	3259
Total Depth.	

3250
 1777

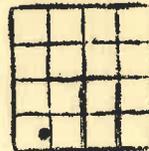
 1473

CONTINENTAL OIL CO.
W. Ploog No. 2-A.

SEC. 27 T. 17 R. 8W
NE SE SW SW
440' N 1312' E SWc

Total Depth. 3254'
Comm. 2-11-38 Comp. 3-6-38
Shot or Treated. 2000 Gals.
Contractor.
Issued. 5-28-38

County. Ellsworth



Elevation. 1775'

CASING:
10³/₄" 228'
7 " 3245'

Production. Pot. 1668 B.
No wtr.

Figures Indicate Bottom of Formations.

surface sand	230
shale & red bed	363
red bed & gyp shells	701
shale	1055
shale & lime	1405
salt & shells	1527
shale & lime	1901
shale & shells	2211
brkn lime	2301
shale & lime	2426
lime & brkn lime	2910
lime & salt	2920
lime & brkn lime	3208
conglomerate	3233
shale Top Siliceous	3244
Siliceous lime	3246
Siliceous lime	3254
Total Depth.	

Handwritten calculation:
3244
1775

1469

Pumped 296 B. 1st 4 hrs.
Pumped 277 B. 2nd 4 hrs.
Pumped 1668 B. 24 H. Pot. No wtr.

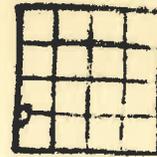
484581

CONTINENTAL OIL CO.
Wm. Ploog No. 3-A.

SEC. 27 T. 17 R. 8W
C¹L SW
440'E 1320'N SWcor.

Total Depth. 3233'
Comm. 2-3-39 Comp. 2-21-39
Shot or Treated. 2000 Gals. 2-24-39
Contractor.
Issued. 4-1-39

County. Ellsworth



CASING:
10³/₄" 216'
7 " 3183'

Elevation.

Production. Pot. 2515.23 B.
No water

Figures Indicate Bottom of Formations.

shale & shells	242
shale & red bed	876
shale	1040
shale & gyp	1167
shale	1317
brkn lime	1410
shale & shells	1477
lime brkn	1604
shale	1762
shale & shells	2017
shale	2209
shale & shells	2326
lime brkn	2714
shale	2790
lime	2943
shale	2955
lime	3137
shale & lime	3183
lime Arbuckle	3233
Total Depth.	

Top Arbuckle lime 3182

After the cement plug was drilled the hole filled up 2200' with oil in one hour.

On pumping test, before acid, the well pumped 287 BO in four hours.

2-24-39 acidized w/2000 Gals.
2-25-39 on initial potential test the well pumped 838.41 bbls of oil in 8 hrs, giving the well a 24-hr potential of 2515-23 B., No wtr.

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412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
W. Steinberg No. 1.

SEC. 27 T. 17 R. 8W.
SW SW SE

Total Depth. 3273
Comm. 8-3-37 Comp. 8-23-37
Shot or Treated.
Contractor.
Issued. 10-9-37

County Ellsworth.

CASING.

10" 202'



Elevation. 1782

Production. DRY.

Figures Indicate Bottom of Formations.

sand hard	65
sand shale & shells.	202
shale and shells	350
red bed and shale	439
shale and shells	825
salt	1070
anhydrite	1108
broken lime and shale	1130
broken lime	1297
broken lime and shale	1395
broken lime	1451
sand	1475
lime	1513
broken lime	1563
lime	1690
shale and shells	1880
shale	2001
shale and shells	2148
broken lime	2228
lime and shale	2300
lime	2945
broken lime	2955
lime	3206
broken lime	3234
conglomerate	3250
shale	3268
lime	3270
shale cored	3271
siliceous lime	3273

Handwritten calculation:

$$\begin{array}{r} 3267 \\ 1782 \\ \hline 1485 \end{array}$$

Total Depth.

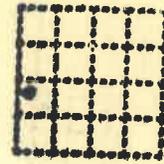
Top Siliceous lime 3267. cored from 3269 to 3272. slight show oil
Run Halliburton drill stem test from 3269-3272. 80% water and
20% oil.

CONTINENTAL OIL CO.
Wm. Ploog No. 4-A.

SEC. 27 T.17 R.8W
NWc SW
440' S 440' E W $\frac{1}{4}$ Cor.

County. Ellsworth

Total Depth. 3230'
Comm. 4-16-40 Comp. 5-10-40
Shot or Treated. 5-14-40 2000 Gals.
Contractor,
Issued. 6-29-40



CASING:
10 $\frac{3}{4}$ " 214'
7 " 3193'

Elevation.

Production. Pot. 772 B.
no wtr

Figures Indicate Bottom of Formations.

surface	165
shale & shells	414
shale & shells	800
shale	870
salt	1080
shale & shells	1380
lime brkn	1435
lime sdy	1470
lime	1515
shale & shells	1815
shale & shells	2210
shale & shells	2410
lime	2440
lime brkn	2510
lime	2720
shale & lime	2890
lime	3135
shale & lime	3170
sand	3176
shale	3194
dolomite	3197
lime	3230
Total Depth,	

Total Depth from cement floor level 3229

Top of Arbuckle lime from cement floor level 3191
Drilled plug at 3194' & hole made 2 BW & 2 BOPH, wtr coming in from behind pipe
Ran & set Baker Cement Retainer at 3175'
Drilled out cement to 3190' - while drilling at 3227' in Arbuckle lime hole filled up w/2800' of oil - no wtr
Total fillup w/oil 3000'
5-12-40 took pumping test & well pumped 171 BO in 4 hrs.
5-14-40 Unable to obtain Depthograph potential test due to fluid level
5-14-40 Acidized w/2000 Gals.
5-15-40 on pumping test the well pumped 214 BO in 5 hrs
5-17-40 On initial potential test the well pumped 257.25 BO in 8 hrs, giving the well a 24-hr potential of 772 BO, no wtr

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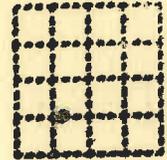
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL COMPANY.
W.M. Ploog "A" No. 5

SEC. 27 T. 17 R. 8W.
CWL E $\frac{1}{2}$ SW
1320' N 1376' E. SW Cor.

County Ellsworth.

Total Depth. 3243
Comm. 3-1-41 Comp. 3-22-41
Shot or Treated. 1000 gal acid.
Contractor.
Issued. 6-7-41



CASING.

10 3/4" 200'
6" 3240'

Elevation.

Production. Pot. 12,399 B.
Echometer.

Figures Indicate Bottom of Formations

sand and shale	40
clay and sand	200
shale	280
shale and shells	825
salt	970
salt and shells	1040
shale and shells	2375
lime	2690
shale and shells	2810
broken lime	2830
lime and shale	2975
lime	3236
shale	3241
dolomite	3243
Total Depth.	

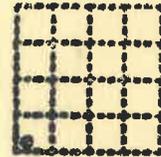
Top of Arbuckle 3239

CONTINENTAL OIL CO.
W.M. Ploog "A" No. 6

SEC. 27 T. 17 R. 3W
SWc SW
440' N 440'E of SW Cor.

Total Depth. 3225
Comm. 3-24-41 Comp. 3-31-41
Shot or Treated. No acid.
Contractor.
Issued. 6-14-41

County Ellsworth.



CASING.

1 3/4" 206'
6" 3217'

Elevation.

Production. Pot. 5229 B.
Echometer.

Figures Indicate Bottom of Formations.

surface	211
shale and sholls	645
shale and rod rock	850
salt	1050
shale and sholls	1330
shale and sholls	1510
shale and sholls	2330
broken lime	2435
lime	2720
shale and sholls	2805
shale and sholls	2825
lime	3165
sand	3203
shale and lime	3216
lime and shale	3225
Total Depth.	

Top Arbuckle 3211

484586

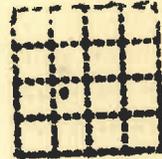
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

CONTINENTAL OIL CO.
W. M. Ploog "A" No. 7.

SEC. 27 T. 17 R. 8W
NW NE SW
440'S 1376'E of W $\frac{1}{4}$ Cor.

Total Depth. 3224'
Comm. 3-26-41 Comp. 4-12-41
Shot or Treated. 3000 Gals. Acid
Contractor. Parker Drlg. Co.
Issued. 6-21-41

County. Ellsworth



CASING:
9 5/8" 211'
6" 3216'

Elevation.

Production. Pot. 8155 B. Echo.

Figures Indicate Bottom of Formations.

surface soil, sand, & clay	40
shale & shells	870
salt & shale	1075
shale & shells	1445
sand	1467
shale & lime strks	1590
lime shells & shale	1745
shale & shells	2290
lime brkn	2363
shale & shells	2410
lime	2714
shale & shells	2775
lime	2857
lime brkn	2920
lime	3188
sand	3198
brkn lime & shale	3224
Total Depth.	

Top of Arbuckle 3215

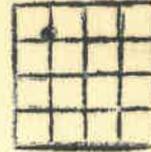
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Attached Well Header
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CONTINENTAL OIL CO.
Walter Steinberg No. 2.

SEC. 27 T. 17 R. 8 W
CSL N/2 NW

Total Depth, 3247'
Comm. 5-3-38 Comp. 5-26-38
Shot or Treated.
Contractor.
Issued. 7-23-38 Rotary O-3216
Cable 3216-3247
CASING:
10³/₄" 207'
7 " 3215'

County. Ellsworth



Elevation.

Production. Pot. 2473 B.
No wtr.

Figures Indicate Bottom of Formations.

surface sand	207
blue shale & lime shls	330
red bed	534
shale & shells	790
shale & red bed	1100
anhydrite & salt	1235
shale & salt	1511
shale, lime & salt	1600
shale & shells	2004
shale	2100
shale & lime	2225
shale	2246
lime	2780
shale & lime shells	2806
lime	3198
shale	3214
Siliceous lime	3247
Total Depth.	

The cement plug was drilled to bottom (3216') and the hole filled up with oil at the rate of 1900' per hour, after drilling to 3232' the hole was full of oil.

On a six hour pumping test the well pumped 514.56 bbls oil.

On state initial potential test the well pumped 412.16 bbls oil the 1st 4 hrs and 413.36 bbls oil the last four hrs giving the well a 24-hr potential of 2473 bbls oil, no wtr.

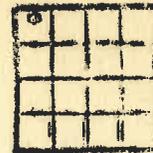
Siliceous lime 3214-3247

CONTINENTAL OIL CO.
W. Steinberg No. 3.

SEC. 27 T. 17 R. 8W
NE NW NW NW
2200'N SL 440'E WL NW NW

Total Depth. 3246'
Comm. 1-20-39 Comp. 2-9-39
Shot or Treated. 3000 & 3000 Gals.
Contractor.
Issued. 3-18-39 Rotary 3198
Cable 3246

County. Ellsworth



CASING:
10 $\frac{3}{4}$ " 220'
7 " 3196'

Elevation.

Production. Pot. 1691.76 B.
No water

Figures Indicate Bottom of Formations .

surface sand	230
red bed	460
shale	640
shale & lime	710
red rock, shale & shell	1028
shale	1204
shale & salt	1250
lime brkn	1400
shale & shells	1475
lime	1481
shale	1509
lime	1676
shale & shells	1824
lime	1900
shale	2310
lime	2355
shale & lime	2415
lime	2735
shale & lime shells	2793
lime	2850
shale	2865
lime KC	2920
lime brkn	2940
shale	2955
lime brkn	3027
shale	3055
lime brkn	3148
shale	3195
lime Arbuckle	3246
Total Depth.	

Arbuckle lime 3195-3246

When the cement plug was drilled
the well filled up 200' w/oil
first hour, 800' w/oil second hr
and 1000' w/oil third hr. After
drilling was completed the well
had filled up 2800' with oil

Acidized 3000 Gals.
Started state potential test
and the well pumped 186 BO &
quit pumping

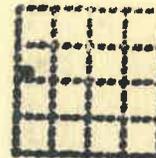
Acidized 3000 Gals.
On initial potential test the well
pumped 563.92 BO 8 hrs giving the
well a 24-hr potential of 1691.76
BO, no wtr.

CONTINENTAL OIL CO.
W. Steinberg No. 4

SEC. 27 T. 17 R. 8W .
SWc NW
440' N 440' E of W $\frac{1}{2}$ cor.

Total Depth. 3230
Comm. 2-22-40 Comp. 3-15-40
Shot or Treated. 2000 gal.
Contractor.
Issued. 4-27-40

County Ellsworth.



CASING.

103/4" 209'
7" 3180'

Elevation.

Figures Indicate Bottom of Formations.

Production. Pot. 4540 B.
Echo Meter. No wtr.
Max. 3000 B.

cellar	9
surface soil	45
sand	65
shale and shells	180
shale blue and shells	209
shale and shells	355
shale and red bed	840
shale and salt	1015
shale and shells	1105
broken lime	1300
shale and shells	1475
broken lime	1835
shale lime and shells	1970
shale and shells	2410
lime	2470
lime	2690
shale	2760
lime	2780
shale and shells	2825
lime	3150
shale	3179
lime	3183
sand	3188
lime	3198
lime	3230

Total Depth.

Top of Arbuckle lime from cement floor level 3178
Fill up with oil 3000'

3-17-40 acidized with 2000 gal.

3-18-40 The well was given an echo Meter potential of 4540 bbls
oil no water. Low point 27.49. Inter. point 55.78 and a high point
of 79.63 bbls. This potential establishes a maximum allowed pot.
of 3000 bbls of oil.

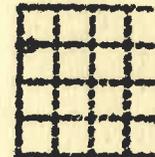
Total Depth from cement floor level 3229

CONTINENTAL OIL CO.
Walter Steinberg No. 5

SEC. 27 T. 17 R. 8W.
CWL NW $\frac{1}{4}$
1320' North and 440' East of
W/4 Corner.

Total Depth. 3236
Comm. 8-27-40 Comp. 9-16-40
Shot or Treated.
Contractor.
Issued. 11-30-40

County Ellsworth.



CASING.

10 3/4" 209' cemented.
7" 3203' cemented.

Elevation.

Production. Pot. 299 B.
No wtr.

Figures Indicate Bottom of Formations.

surface	40
shale and shells	730
shale	860
salt	1060
shale and shells	1380
broken lime	1435
shale and shells	1450
sdv lime	1475
lime	1545
shale and shells	2085
shale and lime	2270
shale and shells	2405
shale and shells	2420
lime	2715
shale and shells	2720
shale and lime	2810
lime	3157
shale	3160
lime and shale	3190
shale	3200
lime	3236

Total Depth. from cement floor level.

Top of Arbuckle lime from cement floor level 3203
9-14-40 acidized w/1000 Gals. Acid
Total fillup w/oil 1700'

9-18-40 Acidized with 3000 gal.
9-20-40 On intial potential test, the well pumped
99.63 bbls of oil in 8 hours giving the well
a 24 hour potential test of 299 bbls oil and
no water.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
 412 Union National Bk Bldg., Wichita, Kansas

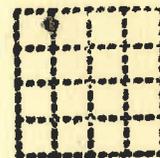
484606

CONTINENTAL OIL CO.
 W. Steinberg No. 6.

SEC. 27 T. 17 R. 8W
 CNL NW
 440'S 1320'E of NW Cor.

Total Depth. 3236' (Cem. Fl. Level 3235')
 Comm. 1-21-41 Comp. 2-10-41
 Shot or Treated.
 Contractor.
 Issued. 5-17-41

County. Ellsworth



CASING:
 10 $\frac{3}{4}$ " 201' Cem.
 6 " 3215' Cem.

Elevation.

Production. Pot. 2200 B. Echo.
 No wtr

Figures Indicate Bottom of Formations.

shale	100
sand	130
shale & shells	185
shale	235
shale & shells	660
shale & shells	1015
shale & salt	1120
shale & shells	1180
lime brkn	1375
lime brkn	1540
shale & shells	1695
shale & shells	2040
shale & shells	2340
lime brkn	2410
lime	2500
lime brkn	2600
lime	2715
shale & lime	2783
lime brkn	2910
lime	3150
shale, sand & lime	3220
lime	3236
Total Depth.	

Total Depth from cement
 floor level 3235

Top of Arbuckle lime 3214

Total fillup w/oil 3000' -
 swabbed 199 BO in 5 hrs -
 pumped 132 BO in 5 hrs
 2-12-41 established an
 Echometer Pot. of 2200 BO,
 no wtr

Note: All of above footages
 calculated from cement floor
 level.

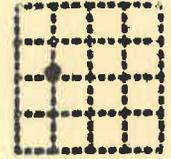
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CONTINENTAL OIL COMPANY.
W. Steinberg No. 7

SEC. 27 T. 17 R. SW
CSL NW
440' N 1376' E of
W $\frac{1}{4}$ cor.

Total Depth. 3227
Comm. 2-28-41 Comp. 3-16-41
Shot or Treated. 2000 gal acid.
Contractor. Parker Drilling Co.
Issued. 6-7-41

County Ellsworth.



CASING.

95/8" 199'
6" 3213'

Elevation.

Production. Pot. 6862 B.

Figures Indicate Bottom of Formations.

surface soil	10
sand	168
shale and shells	815
salt and shale	1060
shale and shells	1130
lime	1150
shale and shells	1315
shale and lime	1480
shale and shells	1544
lime broken	1750
shale lime shells	1840
shale and lime	2037
shale and shells	2162
lime broken	2240
shale and shells	2325
shale and lime	2360
shale and shells	2418
lime	2567 ?
shale and shells	2827
lime broken	2855
lime	3178
sdv shale	3185
sand	3196
shale	3213
lime	3227
Total Depth.	

Top of Arbuckle 3212

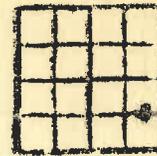
484608

CONTINENTAL OIL CO.
 O. O. Fuller No. 1.

SEC. 28 T. 17 R. 8W
 CWL E/2 E/2 SE
 1320' S 440' W E $\frac{1}{4}$ Corner

Total Depth. 3232'
 Comm. 10-21-38 Comp. 11-10-38
 Shot or Treated. No acid used.
 Contractor. Parker Drlg.Co.
 Issued. 2-4-39

County. Ellsworth



Elevation.

Production. Pot. 1776.39 B.
 Natural

Figures Indicate Bottom of Formations.

cellar	9'3"
surface soil sand	25
clay yellow	60
W. sand	85
shale yellow	200
shells	220
shale & shells	240
red bed & shells	389
lime green	404
shale, red bed & shells	577
shale & shells	877
salt & shale	1050
brkn lime & shale	1140
brkn lime	1200
shale & shells	1267
shale & lime brkn	1345
brkn lime	1398
sand	1415
shale & shells	1445
sd lime	1467
shale & shells	1472
brkn lime & shale	1578
brkn lime	1860
brkn lime & shale	1972
shale & shells	2145
shale & brkn lime	2200
brkn lime	2235
brkn lime & shale	2265
shale & shells	2330
brkn lime	2370
shale	2400
brkn lime & shale	2420
brkn lime	2449
lime	2707
brkn lime	2729
shale	2740
lime	2763
brkn lime & shale	2825
lime brkn	2839
lime porous(oil odor)	2853
lime	2878
lime brkn	2911
lime	2927
lime sft	2943
lime	3127
lime & shale	3175
Arbuckle dolomite	3189
lime	3232
Total Depth.	

Top of Arbuckle lime 3174
 When the plug was drilled
 hole filled up 700' w/oil
 in 2 hrs. Total fillup 3100'
 On initial potential test the
 well pumped 592.13 BO 8 Hrs
 giving the well a 24-hr pot,
 of 1776.39 BO, Natural, no
 acid used.

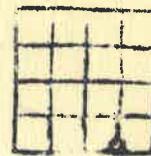
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CONTINENTAL OIL CO.
O.O. Fuller No. 2

SEC. 28 T. 17 R. 8W.
CSL SE $\frac{1}{4}$
440' N 1320' W of Sec

Total Depth. 3233.
Comm. 2-3-39 Comp. 3-1-39
Shot or Treated. 2000 gal.
Contractor. Parker Drilling Co.
Issued. 4-29-39

County Ellsworth.



CASING.

1 $\frac{3}{4}$ " 221
7" 3182

Elevation.

Figures Indicate Bottom of Formations.

Production Pot. 2222.07
oil and no water.

collar	9-6	lime and shale	3159
surface soil	28	shale	3166
sand rock	60	lime	3167
shale and shells	140	shale	3178
shale and sand rock	205	Simpson sand	3182
shale and shells	320	Arb. Dolomite	3184
red bed	375	lime	3218
anhydrite	390	shale	3221
red bed shells and shale	600	lime	3233
red bed and shale	680	Total Depth.	
shale and shells	908	Top of Arbuckle	3181
salt and shale	1070	Total fill up with oil	3050
shale and shells	1165	3-6-39 acidized with 2000 gal. acid.	
shale and lime	1285	On initial Potential test the well pumped 740.69 bbls of oil in eight hours giving the well a 24 hours pot of 2222.07 bbls of oil no water.	
shale and shells	1449		
sa d	1471		
shale and shells	1530		
sand and shale	1539		
shale and shells	1572		
shale and lime shells	1875		
shale and shells	2100		
broken lime	2123		
shale and lime shells	2275		
shale	2309		
broken lime	2360		
broken lime & shale	2423		
lime	2460		
lime broken	2493		
lime	2674		
lime and pyrite	2688		
lime	2733		
shale and red bed	2760		
chert lime	2802		
lime	2847		
lime	2978		
shale and lime	2994		
lime	3048		
lime	3118		

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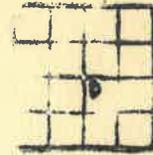
484610

CONTINENTAL OIL CO.
O.O. Fuller No. 3.

SEC. 28 T. 17 R. 8W
NWc SE
440' S & 440' E of Center

Total Depth 3224
Comm. 4-9-39 Comp. 4-30-39
Shot or treated. 3000 gal.
Contractor.
Issued. 7-8-39

County Ellsworth



CASING.

103/4" 221' 6" 3208'

Elevation.

Production. Pot. 917.31 B.

Figures Indicate Bottom of Formations.

surface sand	230
shale and red bed	405
red bed gyp & shells	725
red bed and shale	1029
shale and lime shells	1212
shale and gyp	1315
shale and lime shells	1412
shale	1485
lime	1542
shale and lime shells	1750
shale	1806
shale and shells	2084
shale	2222
shale and lime shells	2400
lime broken	2425
shale	2457
lime hard	2550
shale and lime shells	2570
lime broken	2775
shale	2810
lime shells and shale	2824
limo	2877
shale	2890
limo	2905
limo	3167
shale	3203
sand	3204
shale	3209
Arbuckle lime	3223
Total Depth	3224

Top of Arbuckle lime from
cement floor level 3205

Total Depth from cement floor level
3224.

Total fill up with oil 2800

On initial test the well pumped 305.77
bbls of oil in 8 hours, giving the well a
24 hour potential of 917.31 bbls of oil, no
water.

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WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

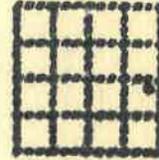
484611

CONTINENTAL OIL CO.
O.O. Fuller No. 4.

SEC. 28 T.17 R.8W
NEc SE
440'S 440'W E $\frac{1}{4}$ Cor.

Total Depth. 3226'
Comm. 5-23-40 Comp. 6-8-40
Shot or Treated. 6-11-40 2000 Gals. Acid
Contractor.
Issued. 8-17-40

County. Ellsworth



CASING:

10 $\frac{3}{4}$ " 208'
7" 3183'

Elevation.

Production. Pot. 5377 B. Echo.

Figures Indicate Bottom of Formations. No wtr, Max. Pot. 3000 B.

clay & sand	211
shale brkn	325
shale & red bed	460
shale	860
salt	1060
shale & shells	1400
lime	1435
sand	1470
lime	1495
shale & shells	1660
lime	1755
shale & shells	1980
shale	2100
lime	2115
shale	2175
shale & shells	2385
shale	2500
lime	2710
shale	2800
lime	2850
break	2867
lime	2940
break	2957
lime	3196
shale & lime	3215
lime	3226
Total Depth.	

Top of Arbuckle lime from
cement floor level 3181
Total depth from cement floor
level 3225
Total fillup w/oil 3100
6-11-40 acidized w/2000 Gals.
6-13-40 obtained an Echo Meter
potential test of 5377 bbls
oil, no wtr. This potential
establishes a maximum allowed
potential of 3000 bbls.

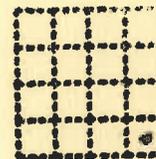
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CONTINENTAL OIL CO.
O.O. Fullor No. 5

SEC. 28 T. 17 R. 8W.
NW SE SE SE
440' W 515' N. SE Cor.

Total Depth. 3229
Comm. 2-17-41 Comp. 3-13-41
Shot or Treated. No acid.
Contractor.
Issued. 6-7-41

County Ellsworth.



CASING.

103/4" 207'
6" 3179'

Elevation.

Production. Pot. 6588 B.

Figures Indicate Bottom of Formations.

clay & surface	15
shale	80
sand	95
shale and shells	207
shale and sholls	1030
salt	1055
shale and sholls	2270
broken lime	2455
lime	2660
lime and shalo	2750
shale and shells	2880
lime	3229
Total Depth.	

Top Arbucklo 3178

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

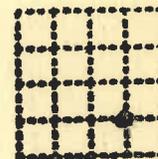
484613

CONTINENTAL OIL CO.
O.O. Fuller No. 6.

SEC. 28 T. 17 R. 8W.
Center SE $\frac{1}{4}$
1320' N 1320' W of SE Cor.

Total Depth. 3227
Comm. 2-27-41 Comp. 3-20-41
Shot or Treated. 3000 acid.
Contractor.
Issued. 6-14-41

County Ellsworth.



CASING.

103/4" 203'
6" 3177'

Elevation.

Production. Pot. 28,494 B.
Echometer.

Figures Indicate Bottom of Formations.

shale and shells	480
shale shells salt	945
salt	1050
shale and shells	1442
sand	1460
broken lime	1600
shale and shells	2410
lime	2722
shale	2735
shale and lime	2795
shale	2820
lime	3176
sand	3178
dolomite	3191
lime	3227
Total Depth.	

Top Arbuckle 3176

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

484614

CONTINENTAL OIL CO.
O. O. Fuller No. 7.

SEC.28 T.17 R.8W
CNL SE
440' fr NL 1320' fr EL SW $\frac{1}{4}$

Total Depth. 3227'
Comm. 3-13-41 Comp. 3-31-41
Shot or Treated. 3000 Gals. Acid
Contractor.
Issued. 6-21-41

County. Ellsworth



CASING:
10 $\frac{3}{4}$ " 202'
6" 3188'

Elevation.

Production. Pot. 512 B.

Figures Indicate Bottom of Formations.

shale & shells	202
shale & red rock	385
anhydrite	405
shale & shells	895
salt	975
salt, shale, shells	1250
shale & shells	1405
shale & shells	1450
sand	1470
lime brkn	1520
lime	1560
shale & shells	2445
lime	2715
shale & shells	2826
lime	3160
sand & shale	3185
shale	3189
lime	3227
Total Depth.	

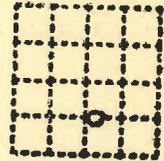
Top of Arbuckle 3187

CONTINENTAL OIL CO.
O.O. Fuller No. 8.

SEC. 28 T. 17 R. 8W
CWL SE $\frac{1}{4}$
1320'S 440'E Center

Total Depth. 3220' (CFL 3219)
Comm. 7-19-41 Comp. 8-6-41
Shot or Treated.
Contractor.
Issued. 11-15-41

County. Ellsworth



CASING:
10 $\frac{3}{4}$ " 206' Cem.
6" 3195' Cem.

Elevation.

Production. Pot. 5638 B.

Figures Indicate Bottom of Formations. No wtr, Echo; Max. 3000 B.
No wtr

shale & shells	100
sand & shale	209
shale	325
R. rock, anhy. shale & shells	775
salt & shale	1040
shale & lime	1190
lime brkn	1315
lime & shale	1415
lime	1425
lime brkn	1450
lime	1625
lime & shale	1720
lime brkn	1750
shale & shells	2290
lime & shale	2390
shale & shells	2450
lime & shale	2795
shale & shells	2850
lime	2926
break	2945
lime	3170
shale & lime	3200
lime	3220
Total Depth.	

Total depth from cement
floor level 3219

Top Arbuckle lime 3194

Total fillup w/oil 3000' -
swbd 200 BO in 5 hrs

8-7-41 acidized w/2000 Gals.
8-10-41 obtained an Echo.
Pot. of 5638 BO, no wtr,
this establishes a maxi-
mum allowed potential of
3000 BO, no wtr

Note: All of above footages
are calculated from the
cement floor level.

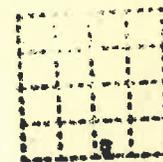
CONTINENTAL OIL CO.
O.O.Fuller No. 9.

SEC.28 T.17 R.8 W
SWc SE
440'N 440'E S $\frac{1}{4}$ Cor.

Total Depth. 3219' CFL 3218'
Comm. 10-7-41 Comp. 10-25-41
Shot or Treated.
Contractor.
Issued. 11-29-41

County. Ellsworth

CASING:
10 $\frac{3}{4}$ " 204'3" Com.
6" 3194' Com.



Elevation.

Production. Phy.Pot.516 B.
No wtr

Figures Indicate Bottom of Formations.

shale & shells	350
shale & red bed	855
salt	1050
shale & shells	1300
shale & lime	1450
sand	1465
lime brkn	1600
shale & shells	1680
shale & lime	1760
shale & shells	2320
shale	2420
lime	2720
shale & shells	2795
lime	2875
shale	2910
lime	3130
lime & chert	3165
lime	3195
shale sdy	3210
lime	3219
Total Depth.	

Total depth from cement floor
level 3218

Top Arbuckle 3193

Total fillup 1700' oil

Swab 5 BOPH

1000 Gals.Acid

Swab 82 BO 3 hrs

2000 Gals.Acid

Physical Pot. 516 BO, no wtr

All above footages calculated
from the cement floor level.

CONTINENTAL OIL CO.
 L. Johnson No. 1-A.

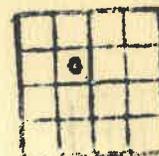
SEC. 28 T. 17 R. 8W.
 NW SE SE NW
 440' W. ' 440 N of Center

Total Depth. 3248
 Comm. 11-19-38 Comp. 12-9-38
 Shot or Treated. 3000 gal.
 Contractor. Parker Drilling Co.
 Issued. 2-11-39

County Ellsworth.

CASING.

103/4" 210'
 7" 3235'6"



Elevation.

Production. Pot. 1265 B.
 No wtr.

Figures Indicate Bottom of Formations.

cellar	9-3
surface clay & sandstone	40
clay yellow	90
sand	125
shale and shells	384
lime	412
shale and shells	370
salt and shale	1077
shale and lime	1145
gyp rock and lime	1240
broken lime and shale	1335
broken lime	1431
sdv shale and lime	1449
broken lime	1477
sand	1500
shale and shells	1525
broken lime	1565
sdv shale	1580
lime	1590
shale and shells	1620
shale and lime shells	1720
broken lime and shale	1920
shale and lime shells	2020
shale and shells	2160
shale and lime shells	2290
shale	2344
lime	2369
shale and shells	2380
broken lime	2407
shale	2447
lime	2470
shale	2485
lime	2557
broken lime	2580
lime	2732
broken lime and shale	2855
lime	2881
porous lime	2890
lime	2920
lime and shale	2958
lime soft	2960
lime	3085
lime broken	3120
lime	3226
shale	3233
sand	3234
shale	3236
Arbuckle dolomite	3241
lime	3248
Total Depth.	

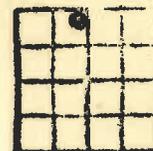
Top of Arbuckle lime 3235
 Cored from 3236 to 3241 Rec. 4'
 of Saturated Arbuckle lime.
 The well filled up 200' with oil when
 the plug was drilled. Total fill up
 3000'
 12-17-38 On pumping test the well
 pumped 91 bbls of oil in 1 1/2 hours
 and pumped off.
 12-19-38 acidized the well with 3000 gal
 acid.
 12-20-38 On initial potential test after
 acidizing, the well pumped 421.78 bbls
 of oil in 8 hrs. giving the well a 24 hr
 potential of 1265 bbls oil - no wtr.

CONTINENTAL OIL CO.
 L. Johnson No. 2-A.

SEC. 28 T. 17 R. 8W
 NEc NW
 330'S 330'W N $\frac{1}{4}$ Cor.

County. Ellsworth

Total Depth. 3233'
 Comm. 5-27-39 Comp. 6-17-39
 Shot or Treated. 2000 Gals.
 Contractor.
 Issued. 8-19-39



CASING:
 10 $\frac{3}{4}$ " 218'
 7" 3212'

Elevation.

Production. Pot. 2162 B.
 No wtr.

Figures Indicate Bottom of Formations.

surface sand	30
shale & shells	233
red bed	600
shale & shells	838
shale	1075
shale, salt, gyp	1264
lime brown	1310
shale & shells	1395
shale	1475
lime	1524
shale & lime	1598
lime brkn	1730
shale & lime	1981
shale	2116
shale & shells	2218
shale	2322
lime	2387
shale	2430
lime brkn	2467
lime & shale, brkn	2531
lime	2660
lime & shale, brkn	2721
lime	2790
shale & lime shells	2840
lime Kansas City	2927
lime brkn sft	2957
lime	3207
lime Arbuckle	3232
Total depth from cement floor level	3233

Total Depth 3233

Top of Arbuckle lime from
 cement floor level 3209
 Total fillup w/oil 3000'
 6-20-39 acidized w/2000 Gals.
 6-22-39 on initial potential
 test the well pumped 720.68
 bbls oil 8 hrs, giving the
 well a 24-hr potential of
 2162 bbls oil, no wtr.

Scanned at Wichita
 Attached Well Header
 Uploaded to KGS-Lawrence

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY. **484677**
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
L. Johnson "A" No. 3

SEC. 28 T. 17 R. 8W.
CEL NW
1320' So. 440' W of N $\frac{1}{2}$ cor.

Total Depth. 3258
Comm. 10-12-40 Comp. 10-29-40
Shot or Treated.
Contractor.
Issued. 1-25-41

County Ellsworth.

CASING.

103/4" 197' cemented.
6" 3256' cemented.

Elevation.

Production. Pot. 823 B.
no water. echometer

Figures Indicate Bottom of Formations.

shale and shells	605
shale	875
salt	995
shale and shells	1315
shale and lime	1415
broken lime	1760
shale and shells	2470
lime	2760
shale and shells	2785
shale and lime	2890
lime	2955
break	2975
lime	3190
shale and lime	3221
sand and shale	3237
shale	3243
lime and shale	3258
Total Depth.	

Total Depth from cement floor level 3257

Top of Arbuckle lime from cement floor level 3254.
Swabbed 12 bbls oil in 3 hours from bottom.

10-31-40. Acidized thro the casing with 1000 gallons
2750' oil in hole.

11-3-40 Obtained Echometer potential of 823 bbls oil no wtr.

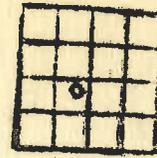


CONTINENTAL OIL CO.
H.A.Kunkle No. 1.

SEC. 28 T. 17 R. 8W
NEc SW
440'S 440'W Center

Total Depth. 3263'
Comm. 1-20-39 Comp. 2-15-39
Shot or Treated. 1000, 3000 & 4000 Gals.
Contractor. Parker Drlg. Co.
Issued. 4-22-39

County. Ellsworth



CASING:
10^{3/4}" 189'
7" 3249'

Elevation.

Production. Pot. 728.85 B.
No wtr
Figures Indicate Bottom of Formations.

cellar	9	Cored 3251-54 3' rec of oil
gumbo	23	saturated Arbuckle lime
sandstone	58	Well acidized thru the
shale & sandstone	78	casing, with 1000 Gals.
sand	83	Swabbed 132 B. of load oil
shale & shells	380	in 8 hrs.
red bed & lime shells	458	Well was drilled from 3256
red bed & shale	540	to 3258 with no additional
shale & shells	695	fillup.
shale & red bed	740	It was then drilled from
shale & shells	920	3258-63 and hole filled
shale & salt	1065	from 900' to 1200' w/oil
shale & lime shells	1213	in five hrs.
shale & shells	1380	Acidized w/3000 Gals.
shale & lime shells	1488	Pumped 141.88 BO 6 hrs.,
sand sharp	1512	Pumping 10 BO last hr
sand & shale	1522	Acidized w/4000 Gals.
shale & shells	1938	On initial potential test,
shale	1962	the well pumped 242.95 BO
pyrite	1968	in 8 hrs, giving the well
shale	1973	a 24-hr potential of 728.85
shale & shells	2146	Bbls. oil, no water.
shale	2215	
shale & lime shells	2298	
shale	2346	
brkn lime & shale	2385	
shale & lime shells	2450	
lime	2472	
brkn lime & shale	2496	
lime	2662	
brkn lime & shale	2714	
brkn lime	2748	
shale & shells	2794	
shale & lime	2865	
lime	2881	
lime break sft	2896	
lime	2964	
lime sft	2990	
lime	3028	
lime sft	3034	
lime	3064	
shale	3069	
lime	3092	
shale	3098	
lime	3193	
shale & shells	3218	
lime	3220	
shale	3222	
conglomerate	3230	
shale	3245	
lime	3252	
lime Arbuckle	3254	
lime	3263	
Total Depth.		

Top of Arbuckle lime 3248

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

CONTINENTAL OIL CO.
H.A.Kunkle "B" No. 1.

SEC.28 T.17 R.8 W
SEc SW
330'N 330'W S $\frac{1}{4}$ Cor.

Total Depth. 3239' (CF 3238)
Comm. 5-12-42 Comp. 5-30-42
Shot or Treated.
Contractor.
Issued. 8-8-42

County. Ellsworth



CASING:
10 $\frac{3}{4}$ " 201' Cem.
6" 3229' Cem.

Elevation.

Production. Echo.Pot.1843 B.
No wtr

Figures Indicate Bottom of Formations.

shale & shells	206
shale & shells	730
shale & shells	1010
shale & shells	1315
shale & shells	1470
sand	1500
lime brkn	1530
lime brkn	1725
shale & shells	1880
shale & shells	2355
shale & lime	2460
lime	2610
lime	2670
lime & shale	2860
lime	3015
lime	3130
lime	3231
Arbuckle	3235
lime	3239

Total Depth.

Total Depth cement
floor 3238

Top Arbuckle lime 3228

350' oil in hole in 15 hrs
5-30-42 acidized w/500
gal.acid - swbd dry &
swbd 11 $\frac{1}{2}$ bbls oil in 30
min.off btm
total fillup w/oil 3000'
estb.a swbg temp.potential
of 77 bbls oil 6-1-42
6-17-42 acidized w/2000
Gals.acid
6-18-42 estb.Echo.Pot.
1843 B0, no wtr

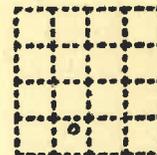
Note: All of above foot-
ages are calculated from
the cement floor level.

CONTINENTAL OIL CO.
H.A.Kunkle No. 2.

SEC.28 T.17 R.8W
NW NE SE SW
1240'N 440'W S $\frac{1}{2}$ Cor.

Total Depth. 3247' (CFL 3246)
Comm. 8-31-41 Comp. 9-16-41
Shot or Treated.
Contractor.
Issued. 11-15-41

County. Ellsworth



CASING:
10 $\frac{3}{4}$ " 206' Cem.
6" 3243' Cem.

Elevation.

Production. Pot.148 B.Phy.
21 BW

Figures Indicate Bottom of Formations.

shale & shells	100
sand & shale	210
shale & shells	705
shale	860
salt	1050
shale & shells	1240
lime & shale	1370
lime brkn	1460
sand	1470
sand & lime	1580
lime & shale	1905
shale & shells	2390
shale	2445
lime	3085
lime & shale	3135
lime	3224
shale	3245
dolomite	3247
Total Depth.	

Total depth from cement
floor level 3246

Top of Arbuckle lime 3242
Total fillup w/oil 700' -
swbd 3l BO, no wtr
9-17-41 acidized w/2000
Gals.
9-18-41 established a 24-
hr physical potential of
148 BO, 21 BW

Note: all of above footages
are calculated from the
cement floor level.

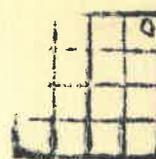
CONTINENTAL OIL CO.
L.L. Rolfs No. 1

SEC. 28 T. 17 R. SW.
NEc NE
2200' N of S.L.
2200' E of W.L.

Total Depth. 3250
Comm. 10-22-38 Comp. 11-11-38
Shot or Treated. 3000 gal.
Contractor.
Issued. 12-24-38

County. Ellsworth.

	Rotary	3207
	Cable	3250
CASING.		
103/4" 228'		
7" 3205		



Elevation.

Production. Pot. 1662.90B.

Figures Indicate Bottom of Formations.

surface sand and lime	260
mud blue	280
red bed and gyp shells	470
shale and gyp	748
shale and salt	1140
anhydrite and shale	1214
shale.	1290
shale and lime shells	1460
lime and shale	1574
lime broken	1690
shale and lime	2211
lime	2275
shale and lime	2307
shale and lime	2412
lime	2430
shale	2445
lime	2762
shale	2812
lime	2950
shale	2960
lime	3161
shale	3170
lime	3180
shale	3190
lime	3195
shale	3204
Top of Arbuckle lime	3204
siliceous lime	3250
Total Depth.	

The well was drilled to a total depth of 3250 in Arbuckle line and the hole filled up 3100' with oil.

On pumping test before acidizing the well pumped 204 bbls oil in five hours.

11-20-38 The well was acidized with 3000 gal acid.

11-22-38 On initial potential test the well pumped 554.30 bbls of oil in 8 hours, giving the well a 24 hour potential of 1662.90 bbls oil, no wtr,

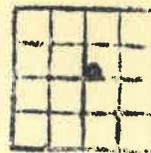
Siliceous lime 3204-3250

CONTINENTAL OIL CO.
 L. L. Rolfs No. 2.

SEC. 28 T. 17 R. 8W
 SW₆ NE
 440'N 440'E Center

Total Depth, 3244'
 Comm. 2-14-39 Comp. 3-14-39
 Shot or Treated. Yes
 Contractor.
 Issued. 5-6-39

County. Ellsworth



CASING:
 10^{3/4}" 210'
 7" 3207'

Elevation.

Production. Pot. 374.82 B.
 No water

Figures Indicate Bottom of Formations.

surface sand	231	Acidized w/3000 Gals.
shale & shells	428	On initial potential test
red rock & shale	709	the well pumped 124.94
shale	946	BO in 8 hrs, giving the
shale & shells	1010	well a 24-hr potential
lime brkn	1100	of 374.82 BO, no wtr.
shale & shells	1140	
shale & gyp	1324	
shale	1503	
lime brkn	1670	
shale & shells	1821	
lime	1958	
shale	2305	
shale & shells	2440	
lime & shale brkn	2505	
lime	2720	
shale	2760	
shale & lime	2880	
lime K.C.	2920	
shale	2930	
lime brkn	2938	
lime	2950	
lime brkn	2970	
lime	3152	
shale & lime	3202	
lime	3208	
lime Arbuckle	3244	
Total Depth.		

Top Arbuckle lime 3206

Before acidizing the well
 filled up 200' with oil.
 Well acidized w/1000 Gals.
 On swabbing test, after acidizing,
 the well swabbed 123 bbls of load
 oil and swabbed down. No inc in
 fillup.
 Well drilled deeper from 3239 to
 3244 w/no inc in fillup.
 Well shot w/5 Qts. 3224-3230
 After shooting, well was cleaned
 out to btm and swabbed 1 BOPH.
 The hole filled up an additional
 100' w/oil after shooting.
 Well shot a 2nd time 3230-40 w/
 10 Qts.
 Cleaned out to btm; no additional
 fillup.
 Well acidized w/500 Gals.
 After acidizing the well swabbed
 120 bbls of load oil; no additional
 fillup
 Acidized w/2000 Gals.
 After acidizing w/2000 Gals.
 the well pumped 130 BO and
 pumped down.

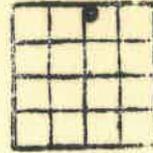
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412 Union National Bk Bldg., Wichita, Kansas

CONTINENTAL OIL CO.
L.L. Rolfs No. 3.

SEC. 28 T. 17 R. 8W
NWc NE
330'S 330'E N $\frac{1}{4}$ Cor.

Total Depth. 3246'
Comm. 7-5-39 Comp. 7-24-39
Shot or Treated. 1000 & 3000 Gals.
Contractor.
Issued. 9-16-39

County. Ellsworth



CASING:
10 $\frac{3}{4}$ " 206'
7" 3212'

Elevation.

Production. Pot. 1806.18 B.
No wtr

Figures Indicate Bottom of Formations.

shale & shells	240
shale & sand	370
red bed	669
shale & shells	955
shale	1100
shale & shells	1333
lime brkn	1400
shale	1475
lime	1505
shale & lime	1600
lime	1730
shale	1754
shale & shells	1991
shale & lime shells	2121
shale	2190
shale & lime shells	2302
lime brkn	2388
lime	2395
shale	2440
lime	2585
shale & shells	2645
lime	2658
shale	2662
shale & lime	2800
shale	2820
lime	2873
lime sft	2885
lime	2945
lime sft	2960
lime brkn	2977
lime	3195
shale & lime	3212
lime Arbucklo	3247
Total depth from cement floor level	3246
Total Depth.	

Top Arbuckle lime 3211

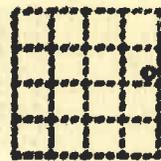
Production test before
acidizing: swabbed $\frac{1}{2}$ BOPH
7-25-39 acidized w/1000 Gals.
7-27-39 acidized w/3000 Gals.
7-29-39 on initial potential
test the well pumped 602.06
bbls oil 8 hrs giving the
well a 24-hr potential of
1806.18 BO, no wtr.

CONTINENTAL OIL CO.
 L. L. Rolfs No. 4.

SEC. 28 T. 17 R. 8W
 SE¹/₄ NE
 440' N 440' W E¹/₄ Cor.

Total Depth. 3230'
 Comm. 4-30-40 Comp. 5-17-40
 Shot or Treated.
 Contractor.
 Issued. 8-10-40

County. Ellsworth



CASING:
 10⁵/₄" 205'
 7" 3192'

Elevation.

Production. Pot. 8890 B. Echo,
 Figures Indicate Bottom of Formations, no wtr, Max. Pot. 3000 B.
 allowed

clay & sand	95
clay & sand	205
shale & shells	620
lime, shells, shale	850
salt	990
salt	1050
shale & lime	1195
shale & lime	1335
shale & lime	1450
lime sdy	1475
lime brkn	1510
lime brkn	1595
shale & lime brkn	1743
shale & shells	1900
shale	2065
shale & lime	2196
shale & shells	2305
shale & shells	2400
shale	2465
lime	2510
lime	2586
lime	2650
lime	2705
lime	2720
shale & shells	2855
lime brkn	2970
lime	3030
lime	3080
lime	3150
shale	3160
shale	3191
Arbuckle	3194
lime	3230
Total Depth.	

Top Arbuckle lime from
 cement floor level 3190
 Total Depth from cement
 floor level 3229
 Total fillup w/oil 3100'
 5-25-40 obtained an Echo
 Meter potential of 8890 bbls
 of oil, no wtr.
 This potential establishes
 a maximum allowed potential
 of 3000 bbls.

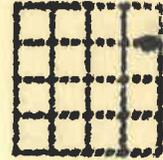
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
L.L.Rolfs No. 5

SEC. 28 T. 17 R. 8W.
CEL NE
1320' So. 440' W of NE Cor.

Total Depth. 3235
Comm. 9-23-40 Comp. 10-11-40
Shot or Treated.
Contractor.
Issued. 1-25-41

County Ellsworth.



CASING.

103/4" 203' cemented.
8" 3191' cemented.

Elevation.

Production. Pot. 478 B.
No wtr

Figures Indicate Bottom of Formations.

surface clay & shale	203
shale blue	355
red rock and shale	740
shale and shells	868
salt	1075
shale and shells	1105
broken lime	1180
shale and shells	1265
shale and lime	1456
sand	1478
broken lime	1485
broken lime	1710
shale and shells	2400
shale and lime	2495
lime	2750
shale and shells	2810
shale	2850
lime	3175
shale	3193
dolomite	3202
lime	3203
lime and shale	3205
lime	3235
Total Depth.	

Total Depth from cement floor level 3234
Top of Arbuckle lime from cement floor level 3189
Total fill up oil 2800'

10-14-40 Acidized with 2000 gal. Maximum pressure on casing 1100#
on tubing 925 #. pressure equalized to 925#.

10-15-40 On Physical potential test the well pumped 159.47 bbls
of oil in 8 hours, giving the well a 24 hour potential of
478 bbls of oil, no water.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
L.L. Rolfs No. 6

SEC. 28 T. 17 R. 8W.
NW SW NE
1315'N 440' E of Center.

Total Depth. 3234 (3233 Cem. Floor level)
Comm. 1-7-41 Comp. 1-24-41
Shot or Treated.
Contractor.
Issued. 3-29-41

County Ellsworth.



CASING.

10 3/4" 214' cemented.
6" 3208' cemented.

Elevation.

Production. Pot. 257.77B.

Figures Indicate Bottom of Formations. no water. Physical

sand and clay	100
shale and shells	920
salt	1110
shale and shells	1245
lime and shale	1400
lime shale and sand	1510
shale and shells	1610
broken lime	1850
lime and shale	1945
shale and shells	2350
lime	2798
shale	2825
shale and shells	2850
lime broken	2930
broken lime	3035
lime	3145
lime and shale	3221
lime	3234
Total Depth.	

Total Depth from cement floor level 3233

Top of Arbuckle lime from cement floor level 3206.

Total Fillup with oil 2300'

1-26-41 Acidized with 2000 gal acid.

1-27-41 on Physical Potential test the well pumped 82.59 bbls oil
in 8 hours, giving the well a 24 hour potential of 257.77 bbls oil no water.

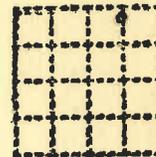
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

CONTINENTAL OIL CO.
L.L.Rolfs No. 7.

SEC.28 T.17 R.8W
CNL NE
1320' W 440' S of NE Cor.

Total Depth. 3242' (CFL 3241')
Comm. 2-3-41 Comp. 2-20-41
Shot or Treated.
Contractor.
Issued. 5-31-41

County. Ellsworth



CASING:
10 $\frac{3}{4}$ " 205' Cem.
6 " 3211' Cem.

Elevation.

Production. Pot.308 B.Phy.
No wtr

Figures Indicate Bottom of Formations.

surface soil & clay	50
shale & shells	207
shale & shells	635
shale, shells, salt	1100
shale & shells	1290
shale & shells	1445
shale, sand & lime	1535
shale & shells	1660
shale & shells	1820
shale & shells	1940
shale & shells	2210
shale & shells	2450
lime	2780
shale & shells	2830
lime	3195
lime	3242
Total Depth.	

Total depth from cement floor
level 3241

Top of Arbuckle lime 3210

Total fillup w/oil 1200'

2-20-41 acidized w/1000 Gals.
2-21-41 acidized w/3000 Gals.
2-22-41 on physical potential
test the well pmpd 102.70 BO
in 8 hrs, giving the well a
24-hr potential of 308 bbls
of oil, no wtr

Note: Above footages calculated
from cement floor level.

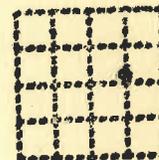
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412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
L.L.Rolfs No. 8

SEC. 28 T. 17 R. 8W.
CSL NE
440'N 1320'W E $\frac{1}{2}$ Cor.

Total Depth. 3240
Comm. 2-16-41 Comp. 3-6-41
Shot or Treated. 3000 acid.
Contractor.
Issued. 6-7-41

County Ellsworth.



CASING.

103/4" 208'
6" 3215'

Elevation

Production. Pot. 205 B.

Figures Indicate Bottom of Formations.

shale and shells	212
shale and shells	445
shale and shells and salt	1005
salt, shale & shells	1260
shale and shells	1485
broken lime	1580
shale and shells	1715
shale and shells	2440
lime	2730
shale and shells	2810
shale and lime	2860
lime	3175
shale and shells	3220
lime	3240
Total Depth.	

Top Arbuckle 3214

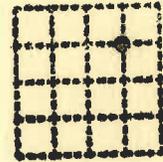
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CONTINENTAL OIL CO.
L.L. Rolfs No. 9

SEC. 28 T. 17 R. 8W.
CNE $\frac{1}{4}$
1320' S 1320' W of NE Cor.

Total Depth. 3229
Comm. 4-3-41 Comp. 4-9-41
Shot or Treated. 3000 gal acid.
Contractor.
Issued. 6-14-41

County Ellsworth.



CASING.

10 3/4" 210'
6 5/8" 3201'

Elevation.

Production. Pot. 395 B.

Figures Indicate Bottom of Formations.

shale shells and sand	210
shale and shells	655
shale shells & salt	1070
shale and shells	1255
shale and shells	1425
shale and shells	1452
sand	1475
broken lime	1645
shale and shells	1795
shale and shells	2430
lime	2725
shale and shells	2755
shale and lime	2845
lime	3170
lime and shale	3216
lime	3229
Total Depth.	

Top of Arbuckle 3200

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
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CARTER OIL CO-COMMUNITY.
H. Kruse No. 1

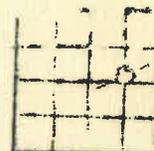
SEC. 31 T. 17 R. 8W.
CSL NE $\frac{1}{4}$
330' fr SL. 1320' fr EL NE $\frac{1}{4}$

Total Depth. 3392
Comm. 7-16-36 Comp. 8-8-36
Shot or Treated.
Contractor.
Issued. 8-29-36

County Ellsworth.

CASING.

103/4" 236'



Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

sand clay and red rock	95	lime	2160
shale and red rock	237	shale and shells	2214
shale and lime shells	239	shale	2230
shale and shells	420	lime	2246
lime	465	shale and shells	2280
shale and shells	755	broken lime	2295
shale and salt	881	shale	2305
salt and shale	1068	shale and shells	2340
shale and shells	1152	broken lime	2370
broken lime	1181	lime	2390
broken lime	1230	broken lime	2432
shale and shells	1280	shale	2446
broken lime	1300	sand	2453
lime	1334	shale and shells	2465
broken lime	1350	shale and lime shells	2492
shale	1367	lime	2605
shale and shells	1385	broken lime and shale	2630
shale and lime shells	1430	lime	2694
broken lime	1463	shale and lime shells	2750
shale	1475	shale	2830
broken lime	1530	shale	2874
lime	1574	lime	3180
shale and shells	1672	shale	3200
shale and shells	1710	shale and shells	3220
broken lime	1759	shale	3225
shale	1775	conglomerate	3280
lime	1810	lime	3328
shale and shells	1825	sand	3340
lime	1880	shale	3355
broken lime	1892	shale green	3367
shale and shells	1970	shale	3374
shale and lime shells	2040	lime	3377
lime	2049	broken lime	3384
shale and lime shells	2100	dolomite	3392
shale and shells	2112	Total Depth.	
broken lime	2130		

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412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
Herman Buehler No. 1

SEC. 33 T. 17 R. 8W.
Sec SE

Total Depth. 3288'
Comm. 2-11-37 Comp. 3-10-37
Shot or Treated. 4000 gal acid.
Contractor.
Issued. 10-9-37

County. Ellsworth.

CASING.

13" 201'
7" 3273'
5 1/2" 3346'



Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

cellar	8
red rock	76
sand and gravel	105
shale and shells	360
broken lime & red rock	574
shale and shells	1050
broken lime	1205
lime and shale	1330
shale and shells	1350
broken lime	1445
lime and shale	1620
broken lime	1621
lime and shale	1901
shale and shells	2184
shale and lime	2220
shale and shells	2340
broken lime	2475
lime	2511
broken lime	2544
lime	2640
broken lime and shale	2685
lime	2765
shale	2835
lime	2860
shale	2880
broken lime	2893
sand	2900
lime	2905
lime and shale	2970
shale and broken lime	3054
broken lime	3075
shale	3085
lime	3185
shale	3193
broken lime	3233
shale	3237
sand	3247

chert and congl.	3260
congl and shalo	3271
siliceous lime	3274
lime	3288
Total Depth.	

DEEPENING RECORD.

Comm. 6-19-37
Comp. - 8-15-37
Prod. Salt wtr Input well.
lime. 3288- 3680
sdy lime 3702
lime 3712
sdy lime 3723
red sand 3765
red rock 3770
red sand 3900
sand green 3907
red sand 3957
shale green 3962
red sand 3976
sand 3990
red sand 4217
sand - 4277
Total Depth.

8-6-37 well was acidized with 4000 gallons of acid.

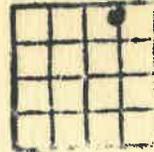
8-7-37 water test. took 780 bbls water per hour.

CONTINENTAL OIL CO.
H. Buehler No. 2,

SEC. 33 T. 17 R. 8W
CNL NE
2200' N SL 1320' E WL

Total Depth, 3215'
Comm, 11-17-38 Comp. 12-10-38
Shot or Treated. 2000 Gals.
Contractor.
Issued. 1-14-39 Rotary 3170
Cable 3215

County, Ellsworth



CASING:
10⁵/₄" 220'
7 " 3167'

Elevation.

Production. Pot. 2303.64 B.
No water

Figures Indicate Bottom of Formations.

surface sand	234
shale	427
shale & red bed	677
shale & anhydrite	1163
shale & shells	1276
shale & lime	1378
lime	1398
shale	1450
lime hrd	1520
shale	1539
lime brkn	1609
shale	1748
lime & shale brks	1850
shale	2084
lime	2115
shale	2150
lime	2179
shale	2265
lime	2280
lime & shale brkn	2424
lime	2720
shale	2743
lime	2925
sand	2938
lime	2970
lime brkn	2988
lime	3166
shale	3168
Arbuckle lime	3215
Total Depth.	

Arbuckle lime 3166-3215

On initial potential test the
well pumped 767.88 bbls oil
in 8 hrs, giving the well a
24-hr potential of 2303.64
bbls oil. No water

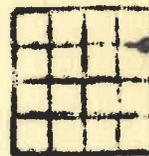
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CONTINENTAL OIL CO.
H. Buehler No. 3.

SEC. 33 T. 17 R. 8W
CEL NE
1320' S 440' W NE Cor.

County. Ellsworth

Total Depth. 3222'
Comm. 9-3-39 Comp. 9-20-39
Shot or Treated. 2000 Gals.
Contractor. Parker Drlg. Co.
Issued. 12-23-39



CASING:
10 $\frac{3}{4}$ " 211'
6 " 3181'

Elevation.

Production Pot. 2001.03 B.

Figures Indicate Bottom of Formations, No water

cellar	9'4"
surface soil	28
sand	42
shale & sand rock	135
sand	165
sand rock	210
shale	379
lime	397
red bed, shale, shells	455
shale & shells	860
salt & shells	1050
shale, shells, lime	1095
brkn lime & shale	1220
shale & lime	1435
sand	1460
lime brkn	1515
shale & lime shells	1650
shale & shells	1795
shale & lime shells	1930
shale & shells	2445
lime	2475
lime brkn	2555
lime	2642
lime brkn	2711
shale & shells	2740
shale	2810
lime	2922
lime sft brkn	2934
lime	3104
lime brkn	3118
lime brkn & shale	3173
conglomerate	3182
lime Arbuckle	3189
lime	3222
Total Depth.	

T.D. from cement floor level 3221

Top of Arbuckle lime

from cement floor level 3179

Fillup w/oil 2500'

9-22-39 acidized w/2000 Gals.

9-23-39 on initial potential

test the well pumped 667.01

BO, 8hrs giving the well a

24-hr potential test of

2001.03 BO, no wtr.

CONTINENTAL OIL CO.
 H. Buehler No. 4.

SEC. 33 T. 17 R. 8W
 SEc NE
 440' N 440' W E $\frac{1}{4}$ Corner

Total Depth. 3224' DF
 Comm. 1-29-40 Comp. 2-17-40
 Shot or Treated.
 Contractor.
 Issued. 4-13-40

County. Ellsworth



CASING:
 10 $\frac{3}{8}$ " 216'
 7 " 3193'

Elevation.

Production. Pot. 862 B.
 no wtr

Figures Indicate Bottom of Formations.

shale & shells	216
shale & red rock	520
shale & shells	800
salt	975
shale & shells	1560
lime brkn	1750
shale & shells	2025
shale	2440
lime brkn	2460
lime	2680
shale & shells	2725
shale, lime & shells	2810
lime	2890
lime	2942
shale break	2958
lime	3175
lime & conglomerate	3197
shale	3200
lime	3225
total depth from cement	
floor level 3224	
Total Depth	3224

Top Arbuckle lime from
 cement floor level 3191
 fillup w/oil 800'
 2-21-40 acidized w/4000 Gals.
 2-22-40 on pumping test well
 pumped 136 BO in 4 hrs &
 pumped off
 2-23-40 acidized w/5000 Gals.
 2-26-40 on initial potential
 test the well pumped 287.26
 bbls oil in 8 hrs, giving
 the well a 24-hr potential
 of 862 bbls oil, no wtr

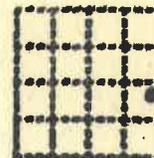
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CONTINENTAL OIL CO.
H. Buehler No. 5

SEC. 33 T. 17 R. 8W.
NEc SE
440' South 440' West of E $\frac{1}{4}$ cor.

Total Depth. 3228
Comm. 6-4-40 Comp. 6-21-40
Shot or Treated.
Contractor.
Issued. 9-28-40

County Ellsworth.



CASING.

103/4" 209' 7" 3223'

Elevation.

Production. Pot. 488 B.
No wtr.

Figures Indicate Bottom of Formations.

surface soil	15
shale and shells	570
shale and red rock	870
salt	1070
shale and shells	1120
shale and shells	1420
broken lime	1430
sdv lime	1460
broken lime	1890
shale and shells	2080
shale	2190
shale and shells	2380
lime	2735
lime and shale	3080
lime	3130
lime and shale	3211
shale	3226
lime	3228

Total Depth.

Total Depth from cement floor level 3227

Top of Arbuckle lime from cement
floor level 3221

Total Fillup with oil 2300'

7-7-40 Acidized the well with 1000 gal.

7-9-40. on initial potential test, the well pumped
162.72 bbls of oil in 8 hours, giving a 24 hour potential test
of 488 bbls of oil, no water.

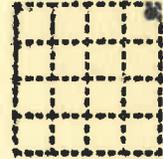
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412 Union National Bk Bldg., Wichita, Kansas

CONTINENTAL OIL CO.
H. Buehler No. 6.

SEC. 33 T. 17 R. 8W
NEc NE
440' S 440' W of NE Cor.

Total Depth. 3216' (CFL 3215')
Comm. 2-4-41 Comp. 2-22-41
Shot or Treated.
Contractor.
Issued. 5-31-41

County. Ellsworth



CASING:
10³/₄" 213' Cem.
6 " 3159' Cem.

Elevation.

Production. Echo. Pot. 10,421 B
Allowed Pot. 3000B
No wtr

Figures Indicate Bottom of Formations.

shale	40
shale & shells	217
shale & shells	840
shale & salt	1050
shale & shells	1130
shale & lime	1300
lime brkn	1515
shale & shells	1695
shale & lime	1855
shale & shells	2320
shale & shells	2400
lime	2545
lime	2715
lime brkn	2775
lime	2920
break - sft	2933
lime	2980
shale	2990
lime	3150
shale	3161
dolomite	3165
lime	3195
lime	3216
Total Depth.	

Total depth from cement
floor level 3215

Top of Arbuckle lime 3158

Total fillup w/oil 3150
2-22-41 swabbed 226 BO in 4 H.
2-25-41 this well was given an
Echo. Pot. 10,421 BO, estab.
a maximum allowed pot. of 3000
BO, no wtr.

Note: All of the above footages
are calculated from cement
floor level.

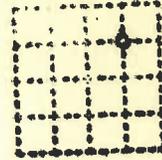
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CONTINENTAL OIL CO.
H. Buehler No. 7.

SEC. 33 T. 17 R. 8 W
Cen NE $\frac{1}{4}$

Total Depth. 3219' (CFL 3218)
Comm. 8-18-41 Comp. 9-4-41
Shot or Treated.
Contractor.
Issued. 11-29-41

County. Ellsworth



CASING:

10 $\frac{3}{4}$ " 208' Cem.
6" 3204' Cem.

Elevation.

Production. Pot. 3000 B. Echo.

Figures Indicate Bottom of Formations. Max., No wtr; (Inc. Cap.
25,598 BO)

shale & shells	208
shale, red rock, shells	650
shale, shells, salt	990
shale & shells	1345
lime & shale	1735
shale & shells	2440
lime	2720
shale & shells	2875
lime	3167
sdv lime & shale	3200
shale	3206
dolomite	3209
lime	3219
Total Depth.	

Total depth from cement floor
level 3218

Top of Arbuckle line 3203

TD 3213 - 2100' of oil in hole-
swbd 112 BO in 5 hrs - last 2
hrs swbd 24 BO off btn

TD 3218 - swbd 130 BO in 6 hrs
9-6-41 acidized w/3000 Gals. Acid
9-7-41 obtained a maximum-allowed
potential by Echo. of 3000 BO,
no wtr - indicated capacity
25,598 Bbls oil

All of above footages are cal-
culated from the cement
floor level.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
H. Buehler No. 8

SEC. 33 T. 17 R. 8 W.
NWc NE
440' S 440' E N $\frac{1}{2}$ corner.

Total Depth. 3223 (CFL 3222)
Comm. 11-23-41 Comp. 12-11-41
Shot or Treated.
Contractor.
Issued. 2-14-42

County Ellsworth.



CASING.

103/4" 200' cemented.
6" 3190' cemented.

Elevation.

Production, Pot. 3000 B.
Figures Indicate Bottom of Formations, no wtr. Max. Echo.
Ind. Cap. 7658 B.

surface soil clay	5
clay	85
shale and shells	207
shale blue	305
red rock	365
anhydrite	385
red rock	675
shale blue	790
sand and shells	845
shale brown	915
shy shale and shells	1010
shale blue	1075
shale and shells	1455
sand and lime	1533
shale and lime	1660
shale and shells	1915
shale	2010
lime and sand	2070
shale	2095
sand	2110
shale and shells	2415
lime	2490
broken lime	2672
lime and shale	2861
broken lime	2955
lime	3135
shale and lime	3170
chert	3175
shale lime & sand	3200
shale	3203
lime hard	3208
lime soft	3212
lime hard	3216
lime	3223
Total Depth	

Total Fillup with oil 2900 - swabbed
181 bbls of oil in 5 hours. Swabbed
45 bbls oil off bottom last hour.

12-13-41 Acidized with 3000 gal acid.

12-15-41 Established a maximum allowed
24 hours potential by Echometer of 3000
bbls oil no water. indicated capacity 7658B

Note- All of above footages are calculated
from cement floor level.

Total Depth from cement floor level 3222

Top of Arbuckle lime 3189

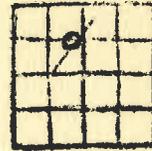
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412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO
H.A.Kunkle No. 1-A

SEC 33 T.17 R8W.
CEL NW
440' West and 1320' S of
N $\frac{1}{2}$ cor.

Total Depth. 3520
Comm. 3-3-39 Comp. 3-17-39
Shot or Treated.
Contractor.
Issued. 4-29-39

County Ellsworth.



CASING.

103/4" 210'

Elevation.

Production. DRY

Figures Indicate Bottom of Formations

surface sand and shale	224
shale and shells	380
shale and red rock	430
shale	605
shale and red rock	1136
shale and shells	1470
lime	1536
shale	1642
shale and shells	1950
shale	2113
shale and shells	2358
lime	2975
shale	2995
lime	3250
shale	3335
lime Viola	3380
shale	3389
shale and shells	3440
Arbuckle lime(Core)	3440
From Derrick floor(Core)	3438-44 3' rec.
lime	3520
Total Depth.	

Top of Lansing Lime 2865
Top of Simpson Sand 3380
Top of Arbuckle lime 3432

Cored 3438-44 w/6' rec of
Arbuckle lime, no sh oil,
shows of salt wtr

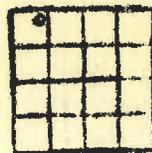
Plugged 3-20-39

CONTINENTAL OIL CO.
J.F. Rolfs No. 7.

SEC. 34 T. 17 R. 8W
NE NE NW NW
2200' N SL 1300' E WL

County. Ellsworth

Total Depth. 3254'
Comm. 3-19-38 Comp. 4-7-38
Shot or Treated. 1000 Gals.
Contractor. Fain Drlg. Co.
Issued. 5-14-38 Rotary 3241
Cable 3254



CASING:
10 ³/₄" 211'
7 " 3239'

Elevation.

Production. Pot. 1925.94 B.
No wtr.

Figures Indicate Bottom of Formations.

surface sand	211
blue shale & shells	300
red rock & shells	465
shale, gyp & shells	795
salt	896
shale & lime shells	1516
lime & shale	1616
brkn lime	1852
shale & lime shells	2093
shale	2170
brkn lime	2355
shale & shells	2420
lime	3195
shale	3241
Arbuckle lime	3254
Total Depth.	

Plug was drilled and well filled
up 2500' with oil in 1 ¹/₂ hrs.

No pumping test on well before acid.

4-12-38 well acidized with 1000 gals.
acid.

On initial potential test well pump-
ed 320.99 bbls oil 1st 4 hrs and
361.33 bbls oil last four hrs giving
Pot. 1925.94 bbls oil 24 hrs - No
wtr.

Daily allowable based on 3.52% is
67.79 Bbls.

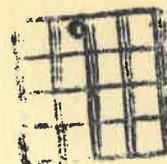
Arbuckle lime 3239-3254

CONTINENTAL OIL CO.
J.F. Roifs No. 3.

SEC. 34 T. 17 R. 8W
NEc NW

Total Depth. 3267'
Comm. 5-9-37 Comp. 5-24-37
Shot or Treated.
Contractor.
Issued. 7-24-37

County. Ellsworth



CASING:
10 3/4" 215'
7 3259'

Elevation.

Production. Pot. 1403 B.
Natural

Figures Indicate Bottom of Formations.

cellar	8
brkn lime	70
red rock	112
red bed & shale	195
sand	213
shells	229
shale & shells	270
shale & shells	825
salt & shale	1090
brkn lime	1181
brkn lime & shale	1330
shale & brkn lime	1386
lime & shale	1467
brkn lime	1507
shale & shells	1560
lime	1600
brkn lime	1620
shale & lime	1640
brkn lime	1730
shale & shells	1912
shale & lime shells	1994
shale & shells	2173
lime	2224
shale & lime shells	2279
shale & shells	2334
lime & shale	2376
shale & shells	2423
lime	2479
lime & shale	2510
shale & shells	2533
shale	2538
lime & shale	2594
brkn lime & shale	2670
lime & shale	2720
shale	2768
lime	2770
brkn lime	2845
lime & shale	2882
lime	3169
lime & shale	3187
brkn lime	3215
lime & shale	3217
lime & sand	3224
conglomerate	3242
shale	3250
shale green	3257
shale & lime	3262
lime(cored)	3267
Total Depth.	

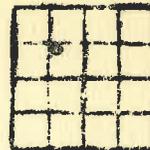
Pumped 1403 Bbls 24 hr natural pot.

CONTINENTAL OIL CO.
J.F.Rolfs No. 6.

SEC. 34 T. 17 R. 8W
NW SE NW
990'N 990'W of Sec NW/4

Total Depth. 3240'
Comm. 8-17-37 Comp. 9-21-37
Shot or Treated. 4000 Gals.
Contractor. Parker Drlg.Co.
Issued. 11-27-37

County. Ellsworth.



CASING:
10³/₄" 197'
7" 3201'
5¹/₂" liner 17'8" at 3210'

Elevation.

Production. Pot. 1309 B.

Figures Indicate Bottom of Formations.

cellar	9
surface clay & shells	45
shells	70
clay & sand	175
shale & sandstone	210
shale & shells	389
anhydrite	398
shale & shells	814
shale	840
salt & shale shells	1085
brkn lime & shale	1200
shale & shells	1297
lime & shale	1430
shale & shells	1458
sand	1480
shale & shells	1610
lime & shale	1855
shale & lime shells	1906
shale & shells	2175
lime & shale	2225
shale & shells	2383
shale	2420
lime brkn	2456
shale	2465
lime	2680
lime brkn	2698
lime	2746
shale & shells	2800
brkn lime	2856
lime	3086
Top of lime	3201
lime & shale	3205
shale green	3210
lime grey	3240
Total Depth.	

Pumped 257.74 1st 4 hrs and
248.18 last four hours.

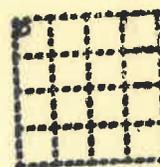
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
J.F. Rolfs No. 10

SEC. 34 T. 17 R. 8W.
NWc NW
440' E 440' S of NW cor.

Total Depth. 3224
Comm. 3-14-41 Comp. 4-1-41
Shot or Treated. 2000 gal acid.
Contractor. Parker Drilling Co.
Issued. 6-28-41

County Ellsworth.



CASING.

95/8" 199'
6" 3186'

Elevation.

Production. Pot. 34,126 B.

Figures Indicate Bottom of Formations.

surface & soil	60
shale and shells	205
shale, shells, red bed	409
shale and shells	855
salt and shells	1050
shale and lime	1160
lime	1200
shale and lime	1268
shale and shells	1445
lime broken	1670
shale and shells	1702
broken lime and shale	1795
lime broken	1935
shale and shells	2080
shale and lime strks	2245
shale	2320
lime broken	2415
lime	2630
shale and lime	2655
lime	2718
shale and shells	2817
lime broken	2857
lime	2964
lime & shale strks	3019
lime	3133
broken lime & shale	3185
shale	3194
lime	3224
Total Depth.	

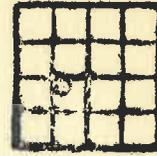
Top of Arbuckle 3185

CONTINENTAL OIL CO.
H.F. Janssen No. 11B.

SEC. 34 T. 17 R. 8W
NW NE SW
330' S 990' W of NE $\frac{1}{4}$ SW $\frac{1}{4}$

Total Depth. 3236'
Comm. 7-15-37 Comp. 8-7-37
Shot or Treated. 4000 Gals.
Contractor. Parker Drlg. Co.
Issued. 12-4-37

County. Barton



Elevation.

CASING:
10 $\frac{3}{4}$ " 181'4"
7" 3205'6"

Production. Pot. 740 Bbls.

Figures Indicate Bottom of Formations.

collar	0-98-9
clay & sandstone	40
shells	70
red bed & shells	185
clay & shells	217
shale & shells	345
shale	390
anhydrite	399
shale & shells	740
shale	887
salt	935
salt & shale	1080
brkn lime shale	1190
shale & shells	1460
sand	1476
brkn lime	1480
brkn lime & shale	1550
shale & lime	1620
brkn lime	1634
shale & lime shells	1720
brkn lime	1824
shale & lime shells	1856
shale & shells	1980
lime & shale	2142
paratise of iron	2144
shale & lime	2147
shale & lime shells	2217
shale & shells	2325
shale & lime shells	2383
shale	2419
brkn lime & shale	2465
lime	2747
brkn lime	2870
lime	2917
lime & shale	2945
shale & shells	2963
lime	3203
shale & lime	3205
Siliceous lime	3213
sdv lime	3236
Total Depth,	

Well was given 740 bbls of oil
on 24 hr potential test.
Pumped 141.83 oil 1st 4 hrs and
123.36 last 4 hrs. No wtr.

Top of Siliceous lime 3204

CONTINENTAL OIL CO.
H.F. Janssen No. 12-B.

SEC. 34 T. 17 R. 8W.
NW¹/₄ SW
440' South 440' East W¹/₄ Cor.

Total Depth. 3247
Comm. 6-23-40 Comp. 7-17-40
Shot or treated.
Contractor.
Issued. 10-5-40

County Ellsworth.



CASING.

10 3/4" 193'
7" 3243'

Elevation.

Production: Pot. 567.09B,
45 BW.

Figures Indicate Bottom of Formations.

shale and shells	690
shale	860
salt	1060
shale and shells	1415
sdv lime	1440
broken lime	1445
shale	1480
lime	1535
shale and lime	1680
shale and shells	1915
shale and shells	2315
broken lime	2440
lime	2660
broken lime	2700
lime	2720
shale and shells	2820
lime	3205
conglomerate	3241
shale	3244
dolomite	3247
Total Depth.	

Total Depth from cement floor level 3246

Top of Arbuckle lime from cement floor level 3241.

7-12-40 acidized with 500 gal acid.
7-13-40 acidized with 1000 gal acid
hole filled up 1100' with oil.
7-18-40 Acidized with 2000 gal acid.

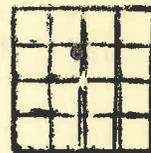
7-20-40. On potential test the well pumped 189.03 bbls oil and 15BW
in 8 hours, giving the well a 24 hour pot. of 567.09 bbls oil and 45 BW

CONTINENTAL OIL CO.
 John F. Rolfs No. 4

SEC 34 T. 17 R. 8W.
 NE SE 1/4
 330' W 990' N of Sec NW 1/4

County Ellsworth.

Total Depth. 3235
 Comm. 7-30-37 Comp. 8-23-37
 Shot or Treated. 4000 gal acid.
 Contractor. Parker Drlg. Co.
 Issued. 11-20-37



CASING.

10 3/4" 188'2"
 7" 3277'3"

Elevation.

Production. Pot. 1418 B.

Figures Indicate Bottom of Formations.

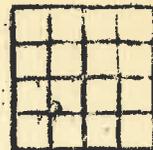
surface	40	
clay and shells	200	
shale and shells	398	
anhydrite	408	
lime	500	
shale and shells	748	
shale	896	
salt and shale	1080	
salt	1105	
lime	1175	
broken lime	1197	
shale and shells	1288	
shale and lime shells	1405	
lime	1463	
sand	1487	
lime	1500	
broken lime	1545	
shale and lime shells	1610	
shale and shells	1700	
shale and lime broken	1764	
broken lime	1832	
shale and shells	1960	
shale and lime broken	2038	
lime and shale	2117	
shale and shells	2193	
shale and lime broken	2270	
shale and shells	2426	
broken lime	2440	
lime	2465	
shale	2480	
lime	2735	
shale and lime broken	2883	
lime	3199	Top Siliceous lime 3222
sand	3205	
lime	3209	
shale	3223	
lime	3235	
Total Depth.		

CONTINENTAL OIL CO.
H.F. Jansen No. 10-B

SEC 34 T. 17 R. 8W.
SW NE SW
990' S., 990' W. of NEc. SW $\frac{1}{4}$

Total Depth. 3253
Comm. 5-16-37 Comp. 6-15-37
Shot or Treated. 4000 gal acid.
Contractor. Parker Drlg. Co.
Issued. 10-25-37

County Ellsworth.



CASING.

103/4" 167'8"
7" 3255'

Elevation.

Production. Pot. 607 B.

Figures Indicate Bottom of Formations.

surface soil	50
clay	100
sand	120
shale and shells	150
clay and shells	180
shale and shells & red bed	388
anhydrite	399
shale and shells	470
red bed and shale	515
shale and shells	897
shale and salt	918
salt and shale	1080
shale and lime shells	1115
shale and shells	1465
sand	1482
shale and shells	1505
shale and lime shells	1613
lime and shale	1693
broken lime	1746
lime and shale	1796
shale	1824
shale and shells	2134
shale and lime shells	2262
shale and shells	2426
broken lime	2565
lime	2619
broken lime	2694
lime	2787
shale and shells	2812
broken lime	2895
lime	2930
broken lime	2970
lime	3220
lime hard	3253
Top of Siliceous lime at	3215
500' oil in hole at	3247
2700' of oil in hole	3253
Total Depth.	

June 23rd and 24th 1937 the well pumped 607 bbls of oil
no water on 24 hours potential test.

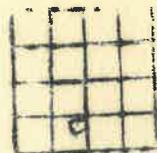
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412 Union National Bldg, Wichita, Kansas.

EMPIRE OIL & REFG CO.
Janssen No. 2-B

SEC. 34 T. 17 R. 8W
NE SE SW
991.3' N 330' W of S $\frac{1}{4}$ Cor.

County, Ellsworth

Total Depth, 3263'
Comm. 6-25-36 Comp. 7-25-36
Shot or Treated, 3000 Gals. Acid 7-27-36
Contractor, Shaffer Drlg. Co.
Issued, 9-5-36



CASING:
13" 214'
7" 3189'
5 3/16" 64# liner at 3229'

Elevation.

Production, Pot. 314 B.
Oil, 20 wtr 24 H.

Figures Indicate Bottom of Formations.

shale & clay	68	lime hrd	3037
water sand & shells	143	lime	3087
shale & shells	280	brkn lime	3110
sand	310	li e	3166
shale blue	370	shale	3173
sand	400	brkn lime	3190
shale & shells	750	conglomerate	3205
shale blue	860	conglomerate & shale	3212
shab & shells	1156	shale	3215
lime	1200	SIM Corr.	3215-3218
shale & lime shells	1249	lime	3227
lime	1330	lime & shale	3232
lime brkn	1340	lime	3263
shale	1374	Total Depth.	
shale & shells	1728		
brkn lime	1768	2400' fluid in hole before	
shale & shells	2030	acidizing.	
brkn lime	2074		
shale & shells	2100		
shale	2125		
shale & shells	2216		
brkn lime	2280		
lime	2315		
shale & lime shells	2334		
brkn lime	2426		
lime	2510		
brkn lime	2573		
lime	2640		
shale lime shells	2655		
lime	2780		
brkn lime	2979		

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
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EMPIRE OIL & REFG. CO.
Janssen No. 3-B

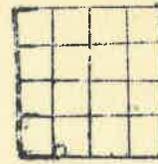
SEC.34 T.17 R.8W
SW SE SW
330'N 994.7'W of S $\frac{1}{4}$ Cor.

Total Depth. 3250' P.B. 3241'
Comm. 7-12-36 Comp. 8-16-36
Shot or Treated. 3000 Gals. Acid 8-21-36
Contractor. Twin Drlg. Co.
Issued. 10-17-36

County. Ellsworth.

CASING:

12 $\frac{1}{2}$ " 208'
7 " 3203'



Elevation.

Production. Pot. 1730 Oil,

Figures Indicate Bottom of Formations. No water 24 hrs.

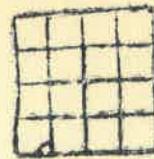
cellar	4	lime grey hrd	2489
shale red	60	shale dark sft	2529
shale & shells	160	lime grey mod	2541
shale red & shale	225	shale & shells	2551
shale & shells	243	lime grey hrd	2610
shale grey	263	shale dark mod	2620
shale & shells grey	393	lime grey hrd	2722
shale & shells	545	shale dark sft	2732
shale red & shells	726	shale blue sft	2785
shale blue & shells	808	shale & lime shells	
shale & shells	915	blue mod	2829
salt med.	1080	lime grey brkn mod	2846
shale blue & shells	1120	lime light hrd	2850
shale & shells	1152	lime light sdy sft	2865
lime	1170	lime grey hrd	2912
lime grey hrd	1175	shale blue mod	2921
shale blue mod.	1235	lime grey hrd	2940
lime brkn	1255	shale blue mod	2955
lime grey mod	1275	lime light mod	2965
lime grey brkn	1326	lime grey hrd	3027
lime grey	1330	shale blue sft	3043
shale brown	1360	lime light hrd	3067
lime grey	1386	lime grey hrd	3162
lime grey hrd	1401	lime grey brkn mod	3194
shale & shells blue &		conglomerate (cored)	3200
grey	1461	Siliceous lime (cored)	3204
lime grey med.	1486	Corr. SLM	3204-3205
lime grey hrd	1568	lime grey hrd	3215
shale blue med	1573	lime brown hrd	3222
lime grey hrd	1645	lime brown sft Oil pay	3227
lime grey brkn mod	1660	lime	3246
shale blue sft	1730	lime grey	3247
shale blue med	1810	lime grey hrd	3250
lime grey hrd	1815	Total Depth.	
shale blue sft	1845		
lime brkn grey mod	1895		
shale blue sft	2007	P.B. 3241	
lime grey hrd	2025		
shale blue mod	2050	Siliceous oil 3201-3250 P.B. 3241	
lime grey mod	2070		
shale blue sft	2095		
lime brkn grey mod	2128		
lime brkn grey	2152		
shale blue mod	2182		
lime grey mod	2220		
shale blue sft	2240		
shale blue & shells			
grey med	2305		
shale blue med	2320		
lime grey hrd	2446		
shale blue mod	2456		

CONTINENTAL & EMPIRE OIL & REFG.
Janssen No. 4-B

SEC.34 T.17 R. 8W
SE SW SW
330' N 995' E of SW Cor.

Total Depth. 3258'
Comm. 9-11-36 Comp. 10-8-36
Shot or Treated. 3000 Gals. 10-10-36
Contractor. Shaffer Drlg.Co.
Issued. 12-5-36

County. Ellsworth



CASING:
10" 218'
7" 3219'

Elevation.

Production. Pot. 823 Oil
Trace Wtr. 24 hrs.

Figures Indicate Bottom of Formations.

shale & sand	60
shale & shells	870
salt	1060
shale, shells	1084
shale & lime	1225
brkn lime	1280
shale, shells	1360
shale blue	1390
shale	1470
lime	1520
lime brkn	1630
lime	1660
shale, shells	1675
shale lime	1810
shale & lime shells	1950
shale & shells	2020
brkn lime	2040
shale	2215
lime brkn	2250
shale & lime shells	2330
shale	2415
lime & shale	2475
lime	2790
lime & shale	2825
brkn lime	2858
sdv shale	2870
lime	3130
Oil bearing 2890-2900	
shale & lime	3219
conglomerate Top Sil.	3222
lime(cored)	3225
SLM Corr.	3225-3221
drilling lime	3231
lime	3258
Total Depth.	

2685' fluid in hole in 19 hrs.

Top Arbuckle 3218'
Pen 40'

CONTINENTAL & EMPIRE OIL
H.F. Janssen No. 5B

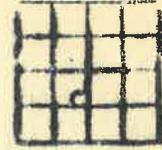
SEC. 34 T. 17 R. 8W
SE NE SW
990' S & 330' W NE c SW

Total Depth. 3271'
Comm. 10-3-36 Comp. 10-29-36
Shot or Treated, 4000 Gals.
Contractor. E.J. Shaffer
Issued. 2-13-37

County. Ellsworth.

CASING:

10 $\frac{3}{4}$ " 200'
7" 3243'



Elevation.

Production Pot. 656 B.
40 B. wtr.

Figures Indicate Bottom of Formation.

cellar	8
shale, sand & red rock	180
shale & shells	900
salt	1010
shale & salt	1070
shale & shells	1200
lime & shale	1360
shale & lime shells	1480
lime	1510
lime & shale	1605
brkn lime	1690
lime	1730
shale & lime	1774
s hale	1990
shale, lime shells	2070
shale	2110
lime	2150
shale & shells	2212
brkn lime	2236
lime & shale	2261
shale & lime shells	2320
brkn lime	2450
lime	2487
brkn lime	2532
lime & shale	2577
lime	2618
shale & lime	2634
brkn shale & lime	2666
shale	2670
brkn lime	2790
shale	2872
sdv shale	2888
Kansas City lime	2972
lime	3047
lime & shale	3063
lime	3205
conglomerate	3225
lime	3271
Total Depth.	

Top Siliceous 3222

This well was acidized with 4000
gallons of acid 11-3-36

The well pumped 656 bbls of oil and
about 40 bbls of water on first poten-
tial test 24 hours.

Steel line measurement

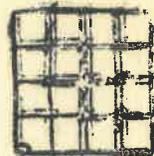
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CONTINENTAL & EMPIRE
H.F. Janssen No. 6B

SEC. 34 T.17 R.8W
SWc 3W
330' E 330' N of SWc SW

Total Depth. 3270'
Comm. 10-23-36 Comp. 11-21-36
Shot or Treated. 4000 Gals. 11-24-36
Contractor. E.J. Shaffer
Issued. 2-20-37

County. Ellsworth.



CASING:

10" 196'
7" 3256'

Elevation. 1777

Production. Pot. 553 B.
No wtr.

Figures Indicate Bottom of Formations.

cellar	8
shale, sand & red rock	210
shale & shells	870
salt & shale	1075
shale & shells	1230
lime & shale	1480
brkn lime	1510
brkn lime	1625
lime & shale	1865
s hale & shells	2020
shale	2130
shale & shells	2370
shale & lime	2470
lime	2500
brkn lime	2560
lime	2605
brkn lime	2730
shale, lime & shells	2783
brkn lime	2800
shale	2850
shale & shells	2905
lime	2935
lime & shale	3006
lime	3110
shale & lime shells	3180
brkn shale & lime	3200
conglomerate	3233
sand	3238
sand & shale	3243
sand & conglomerate	3247
conglomerate	3255
Siliceous lime	3270
Total Depth,	

Top Siliceous Lime 3256'

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg., Wichita, Kansas.

CONTINENTAL OIL & EMPIRE OIL CO.
Janssen No. 7B.

SEC. 34 T. 17 R.8W
NW SE SW

Total Depth. 3256'
Comm. 12-5-36 Comp. 1-5-37
Shot or Treated. 4000 & 5000 Gals.
Contractor. E.J.Shaffer.
Issued. 4-3-37

County - Ellsworth

CASING:
13" 201'
7" 3217'



Elevation,

Production. Pot. 329 B.

Figures Indicate Bottom of Formations.

cellar	8
shale & hrd sand rock	69
shale sand & shell	220
shale & shells	803
shale, salt & shells	1095
lime & shale	1325
shale & shells	1425
lime & shells	1510
shale & shells	1615
shale & lime	1698
shale & shells	1868
shale	2083
s hale & shells	2345
lime	2365
shale & lime	2450
shale & shells	2465
lime	2722
shale & lime	2803
lime	2857
shale	2873
lime	3148
shale & shells	3172
lime	3197
sand	3200
lime	3202
conglomerate	3212
dolomite	3216
Siliceous lime	3256
Total Depth.	

1-10-37 Acidized 4000 Gals. Acid.
24-hr potential well pumped 241 B.Oil.

1-14-37 Acidized 5000 Gals. Acid.
1-19-37 Potential test Pumped 329
Bbls. Oil, No water.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO-EMPIRE O&Refg.
Janssen No. 8-B.

SEC. 34 T. 17 R. 8W.
NEc SW
330' S. 330' W. NEcSW

Total Depth. 3250
Comm. 12-24-36 Comp. 1-17-37
Shot or Treated.
Contractor. Parker Drlg. Co.
Issued. 4-3-37

County Ellsworth.

CASING.

13" 195' 7" 3218'



Elevation.

Production. Pot. 1249 B.
no wtr. 24 hours.

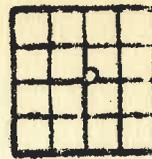
Figures Indicate Bottom of Formations.

cellar	9
surface soil clay	30
sand clay shells	60
shells and shale	80
sand	110
shale and shells	395
anhydrite	404
shale and shells	850
salt and shale	1045
shale and shells	1160
lime broken	1295
lime	1340
shale	1360
lime	1376
sdv lime	1395
shale red beds	1465
sand	1485
lime	1550
shale	1580
lime broken	1732
lime and shale	1824
broken lime and shale	1894
shale	2017
shale and shells	2155
shale	2175
broken lime and shale	2237
shale and shells	2320
shale	2425
lime broken	2465
lime	2696
broken lime	2740
shale	2790
broken lime	2867
lime	3200
shale and lime	3217
siliceous lime	3223
lime	3250

Total Depth.

CONTINENTAL OIL CO.
J.F. Rolfs No. 1SEC. 34 T. 17 R. 8W
SWc NETotal Depth. 3256
Comm. 12-28-36 Comp. 1-25-37
Shot or Treated. 4000 Gals. Acid.
Contractor. E.J. Shaffer
Issued. 4-17-37

County Ellsworth.



CASING.

13" 205'
7" 3244'

Elevation.

Production. Pot. 1107B.

Figures Indicate Bottom of Formations.

CELLAR	8
sand and sholls	38
shale hard shells	104
shale hard shells	206
shale and shells	785
shale & shells & salt	1045
shale & shells	1100
broken limo	1163
shale and shells	1285
shale & lime shells	1408
shale and shells	1538
shale and limo	1628
broken lime & shale	1725
shale and shells	1906
shale and shells	2 340
limo and shale	2443
shale and limo	2518
limo	2828
limo and shale	2904
limo	2952
broken limo	3005
limo and shale	3050
broken limo	3134
limo	3186
limo and shale	3207
sdv shale rod	3211
broken limo	3219
sand	3226
shale	3243
limo	3256
Total Depth.	
1st show oil and gas	3245
increase of oil and gas	3246

Siliceous Lime 3251

CONTINENTAL OIL CO.
John F. Rolfs No. 2.

SEC. 34 T. 17 R. 8W
SEc NW
330' N 330' W of SEcNW

County. Ellsworth.

Total Depth. 3250'
Comm. 2-14-37 Comp. 3-31-37
Shot or Treated. 4000 & 4000 Gals.
Contractor. Parker Drlg. Co.
Issued. 5-15-37



Elevation.

CASING:
12 1/2" 200' 2"
7 " 3234' 11"

Production. Pot. 563 B.

Figures Indicate Bottom of Formations.

shale & sand rock	175
shale & lime shells	216
shale & shells	815
salt	1000
shale & lime shells	1114
shale & shells	1145
lime	1170
lime & shale	1243
brkn lime	1300
shale & shells	1440
brkn lime	1447
shale & shells	1457
shale	1475
sand hrd	1490
shale	1580
brkn lime sdy	1641
shale sticky	1775
shale & lime	1888
shale & lime shells	2045
shale & shells	2187
brkn lime	2225
shale	2330
lime	2380
shale	2430
lime	2447
brkn lime	2503
lime	2640
shale & lime	2658
lime	2718
brkn lime	2772
lime	2808
shale & brkn lime	2861
lime	2865
sand	2881
lime brkn	2928
shale	2940
lime	3040
shale & lime	3056
lime	3105
brkn lime	3181
shale & lime brkn	3211
lime	3244
lime hrd	3250
Total Depth.	

Siliceous lime 3240
Acidized 4000 gals.
Prod. 504 B. Oil, No wtr.
Acidized 4000 gals.
Pot. 563 B. Oil, No wtr. 24 hrs.

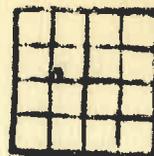
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412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
John F. Rolfs No. 5

SEC. 34 T. 17 R. 8W.
SW SE NW

Total Depth. 3230.
Comm. 7-17-37 Comp. 8-12-37
Shot or Treated. 4000 gal acid.
Contractor.
Issued. 10-23-37

County. Ellsworth.



CASING.

10" 202'2"

7" 3201

Elevation.

Production. Pot. 914 B.

Figures Indicate Bottom of Formations.

sand and red bed	100
red bed shale shells	160
shale and shells	197
shale and shells red bed	616
shale and shells	907
salt	922
salt and shells	1100
shale and shells	1175
shale and broken lime	1411
broken lime	1455
correction in drill pipe 1455 equals 1425	
shale and shells	1467
sand	1489
lime	1495
broken lime	1573
broken lime and shale	1764
shale and shells	2223
broken lime and shale	2330
lime	2373
broken lime	2476
lime	2461
broken lime	2852
shale	2870
lime	3144
lime and shale	3190
broken lime	3198
lime broken	3201
lime	3203
lime hard	3206
lime soft	3225
lime siliceous	3230
Total Depth.	

August 16, 1937 the well was acidized with 4000 gal of acid.

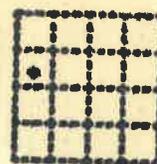
August 18, 1937 and 8 hours potential test was taken and the well was given 914 bbls. It pumped 181.89 bbls of oil the first four hours of test and 152.25 bbls of oil the last four hours of the test.

CONTINENTAL OIL CO.
J.F. Rolfs No. 9.

SEC. 34 T. 17 R. 8W
NE SW SW NW
440' N 440' E $W\frac{1}{2}$ Corner

Total Depth: 3224'
Comm. 3-24-40 Comp. 4-9-40
Shot or Treated. 4-11-40 2000 Gals.
Contractor.
Issued. 6-1-40

County. Ellsworth



CASING:
10 $\frac{3}{4}$ " 206'
7 " 3193'

Elevation.

Production. Pot. 891 B.
Echo., no wtr

Figures Indicate Bottom of Formations.

surface soil	208
shale & shells	858
salt	1060
shale brkn	1100
shale & lime	1214
shale & shells	1448
sand	1470
lime brkn	1596
shale & lime	1725
shale & shells	1835
shale & lime	1968
shale & shells	2162
lime	2192
shale & shells	2215
shale	2415
lime brkn	2450
lime	2570
shale	2613
lime brkn	2685
shale	2838
lime	2938
lime brkn	2961
lime	3144
shale brkn	3194
Arbuckle	3197
lime	3224
Total Depth.	

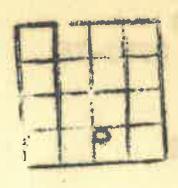
Total Depth from cement
floor level 3223
Top of Arbuckle lime from
cement floor level 3191
Drilled plug & hole filled
up 600' w/oil in six hrs.
4-11-40 acidized w/2000
Gals.
4-12-40 on a 4-hr pumping
test the well pumped 155 BO
& no wtr
4-13-40 well was given an
Echo-meter potential of
891 BO, no wtr

JAMES DAVIS
John W. Edwards No. 2.

SEC. 34 T. 17 R. 3W
NW SW SE
990' fr SL 330' fr WL

County, Ellsworth

Total Depth, 3242'
Comm. 4-29-36 Comp. 6-1-36
Shot or Treated.
Contractor, James Davis
Issued. 7-25-36



Elevation. 1786
Production, Pot. 1480 B.

CASING:
15 1/2" 340' 9" Pulled
12 1/2" 1537' 7" Pulled
10" 2447' 4" Pulled
8 1/4" 3185' 9" Left in
6 5/8" Liner 85' 7" Left in
3" tubing 3240' 6 5/8" 3236' SLM

Figures Indicate Bottom of Formations.

soil	10	lime	1477	lime	2065
mud yellow	40	sdv lime	1490	shale blue	2125
sand	55	3 BWPH 1477-90		lime	2145
mud yellow	65	lime hard	1500	shale	2155
red rock	70	shale grey	1510	sdv lime	2165
shale red	85	red rock	1515	shale	2185
sand red	125	broken limy shale	1535	lime	2202
clay yellow	145	lime	1538	1/2 BWPH 2192-2200	
sdv shale	160	shale blue	1545	shale blue	2205
shale blue	205	red rock	1550	hole caving 2180-2205	
shale yellow	223	lime	1570	lime hard	2215
shale blue	255	shale blue	1585	shale	2225
mud blue	275	lime	1589	lime	2250
shale blue	341	shale blue	1595	shale	2255
lime	346	red rock	1603	lime	2280
shale blue	375	lime	1620	shale blue	2283
red rock	390	shale	1625	lime hard	2290
lime (1 1/2 BWPH 390-400)	400	lime	1642	caving 2265-2290	
red rock	405	shale blue	1665	shale	2320
shale light	425	lime	1670	broken lime	2329
red rock	450	shale b.	1685	lime hard	2335
shale blue	475	broken lime	1700	lime	2350
shale brown	525	red rock	1705	shale	2355
shale red	620	broken lime	1730	lime	2365
shale b.	635	shale pink	1735	broken lime	2375
shale light	650	lime	1767	lime hard	2385
shale blue	690	shale brown	1775	broken lime	2395
shale brown	717	shale	1778	shale	2400
shale blue	725	lime	1783	sandy shale	2437
red rock	740	shale blue	1790	lime	2445
shale blue	848	lime	1795	shale	2447
salt	1080	hole caving 1735-1795		1/2 BWPH 2440-2450	
shale light	1085	shale	1805	lime	2486
shale blue	1087	lime	1815	Total 1 BWPH	
lime	1100	shale	1820	Correction 2486 C.M. equals	
shale b.	1103	lime	1875	2486 H.S.L.M.	
lime hard	1125	red rock	1883	lime	2535
slate grey	1140	lime	1900	lime hard	2550
lime	1150	shale b	1907	lime white	2560
broken lime	1155	lime	1920	shale white	2570
lime hard	1160	shale	1925	lime	2600
lime	1163	lime	1937	shale b.	2603
shale	1173	shale blue	1955	lime	2715
lime	1190	shale & shells	1965	2 BWPH 2650-2655	
shale	1200	broken lime	1980	shale	2730
shale grey	1205	shale red	2000	Water exhausted to 1BWPH	
lime	1255	lime	2009	lime	2745
shale brock	1258	shale	2010	red rock	2755
lime b.	1275	lime	2012	broken lime	2785
shale light	1295	hole caving 1980-2012		hole caving 2740-2770	
shale	1297	shale light	2020	lime hard	2795
lime hard	1325	Gas at 2010' in top of lime		broken lime	2800
lime	1335	lime	2025	shale b.	2815
shale blue	1345	shale black	2035	shale	2828
red rock	1355	lime	2040	lime hard	2833
lime	1395	shale	2045	shale grey	2840
slate blue	1400	shale blue	2050	broken lime	2850
lime w.	1410	lime	2052		
broken lime	1420	shale brown	2060	(OVER)	

lime 2945
 hole caving 2815-2865
 lime hard 2970
 lime soft 2975
 2 1/2 BWPB 2970-75
 lime b. 2990
 lime 3030
 lime hard 3040
 lime 3085
 hole caving 2975-3060
 lime hard 3100
 broken lime 3105
 shale 3108
 lime 3122
 shale 3125
 lime hard 3147
 shale 3150
 lime brown 3155
 broken lime 3158
 lime grey 3162
 broken shale 3179
 red rock 3183
 Total 2 1/4 BWPB
 lime 3195
 lime 3202
 conglomerate 3212
 lime 3214
 conglomerate 3240
 show oil 3239-3240
 Correction 3240 CM equals
 3236 H.S.L.M.
 lime 3242
 Total Depth

Base Anhydrite 400'
 Base Salt 1080'
 Top Fort Riley 1355'
 Florence Flint 1500'
 Top Topoka 2437'
 Top Kansas City 2850'
 Top Siliceous 3235' HSLM

First Oil 3236'
 Best Pay 3238'

3235
 1786
 1449

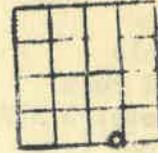
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412 Union National Bk Bldg., Wichita, Kansas.

JAMES DAVIS
John W. Edwards No. 3.

SEC. 34 T. 17 R. 8W
SE SW SE
330' fr SL 990' fr WL

Total Depth. 3880'
Comm. 6-11-36 Comp. 8-4-36
Shot or Treated.
Contractor. James Davis.
Issued. 10-31-36

County. Ellsworth



CASING:

15 1/2" 347'
12 1/2" 1106'
10 " 2092'
8 1/4" 3192'
6 5/8" 3254' UR 3328'

Elevation.

Production. Disposal Well

Figures Indicate Bottom of Formations.

clay yellow	40	lime	1338	sdv shale	2083
sand	45	red rock	1342	shale blue	2090
shale	75	lime	1346	Total 4 1/2 BWPB	
shale blue	78	red rock	1355	lime	2097
red rock	85	lime	1392	shale blue	2124
water sand	100	brkn lime	1440	lime	2128
shale blue	115	lime	1500	shale blue	2137
sand	125	1 1/2 BWPB 1475-80		lime	2144
HFW 85-125		red rock	1503	shale blue	2165
red rock	130	lime	1522	lime	2170
sand	135	shale blue	1533	shale blue	2185
shale blue	170	lime	1540	lime	2215
sand	175	shale blue	1545	shale	2225
shale B.	272	red rock	1553	lime grey	2242
shale dark	275	lime	1563	lime hrd	2250
shale blue	343	shale blue	1567	shale blue	2263
red rock	351	shale & lime shells	1578	lime	2300
shale B.	358	lime	1592	sdv lime	2328
red rock	380	shale B.	1595	lime	2380
shale B.	385	lime	1600	lime hrd	2400
lime	395	red rock	1605	shale blue	2417
2 1/2 BWPB 385-95		sdv lime	1612	lime	2418
red rock	545	lime	1617	shale blue	2440
		shale blue	1620	lime	2542
lime	548	lime hrd	1674	shale blue	2545
red rock	580	shale blue	1678	3/4 BWPB 2463-2470	
lime	585	lime	1683	lime	2680
red rock	615	red rock	1690	lime brown	2695
lime	620	brkn lime	1703	lime white	2710
red rock	625	Little cave 1612-1703		shale black	2713
shale blue	687	lime	1747	lime	2725
red rock	720	red rock	1754	Hole caving 2719-2765	
shale blue	733	lime	1787	shale blue	2750
lime	738	shale blue	1795	red rock	2755
shale blue	748	lime	1830	lime	2765
lime	760	shale blue	1835	brkn lime	2784
shale blue	850	brkn lime	1850	1 1/2 BWPB 2765-75	
salt	935	lime	1900	shale blue	2788
1 1/2 BWPB 850-60		Hole caving 1703-1860		lime	2792
shale	938	shale blue	1905	shale blue	2833
salt	1073	lime	1940	lime	2840
1 1/2 BWPB 940-50		shale black	1965	shale blue	2845
shale blue	1090	Hole caving 1890-1965		brkn lime	2855
brkn lime	1102	lime	2000	lime hrd	2865
lime hrd	1106	Show gas 1970-1975		shale grey	2870
Total 7 1/2 BWPB		shale grey	2005	lime	3091
lime	1127	lime	2020	Sh oil & gas 2886-94	
shale & lime shells	1142	shale blue	2025	Hole caving 2951-75	
lime	1162	lime hrd	2040	1/2 BWPB 2975-80	
shale	1166	1/2 BWPB 2025-30		4 BWPB 2997-3000	
brkn lime	1176	shale blue	2043	Total 7 BWPB	
lime hrd	1186	lime	2048	Water exhausted to 3	
brkn lime	1191	shale blue	2050	BWPB	
lime	1275	Hole caving 1995-2065			
shale	1280	lime	2073		
brkn lime	1290	2 BWPB 2060-65			

(OVER)

James Davis

Edwards No. 3

SEC. 34--17--8W
SE SW SE

shale	3091-3097		
lime	3130		
Hole caving from 3091-97			
shale	3134		
lime	3165		
shale blue	3168		
lime	3173		
shale	3187		
red rock	3190		
Total 3 BWPB			
lime	3204		
Correction 3204' CM equals 3203' SIM			
lime	3210		
red rock	3212		
conglomerate	3255		
lime	3260	Base Anhydrite	395
conglomerate	3268	Base Salt	1073
lime	3277	Top Fort Riley	1355
lime green	3281	Florence Flint	1500
lime grey	3287	Top Topeka	2440
conglomerate	3290	Top Kansas City	2835
lime	3296	Base Kansas City	3158
sand	3300	Top Siliceous	3315
conglomerate	3313	Top Basal Sand	3823
shale	3325	Top Granite	3857
HEW 3315			
lime	3430		
lime sft	3432		
lime hrd	3438		
lime gray hrd	3445		
sft lime	3450		
lime hrd	3456		
lime	3497		
lime hrd	3567		
lime sft	3569		
lime hrd	3617		
lime sft	3634		
lime hrd	3647		
lime sft	3649		
lime hrd	3660		
lime	3675		
lime hrd	3687		
lime white	3698		
lime sft	3703		
lime	3720		
lime sft	3724		
lime hrd	3733		
lime white	3740		
lime	3762		
lime hrd	3771		
lime white hrd	3781		
lime	3794		
lime hrd	3796'6"		
Hole took water at rate of 180 BPH on vacuum at 3798			
Correction 3796'6" CM equals 3798' SIM			
sft brown lime	3803		
lime hrd brown	3806		
lime	3816		
lime hrd	3828		
lime sft	3838		
sand brown hrd	3846		
sand brown	3857		
lime	3880		
Total Depth.			

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412 Union National Bk Bldg., Wichita, Kansas.

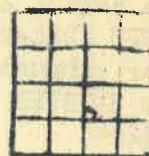
JAMES DAVIS
John W. Edwards No. 4.

SEC. 34 T. 17 R. 8W
SW NW SE
1650' fr SL 330' fr WL 990' fr NL

County. Ellsworth

Total Depth. 3260'
Comm. 8-8-36 Comp. 9-13-36
Shot or Treated. 3000 Gals. Acid.
Contractor. James Davis
Issued. 10-31-36

CASING:
20" 20'
15 1/2" 304' UR 348' 9"
12 1/2" 1114'
10" 2211'
8 5/8" 3196'
6 5/8" 83' 5" liner 3248' SIM



Elevation.

Figures Indicate Bottom of Formations.

Production. Pot. 1124 B.
14.50 Bbls. Wtr.

soil	40	sdv limo	1335	lime	2165
sand	65	shale	1345	Hole caving 2150	
rod rock	80	rod rock	1355	shale	2180
clay yellow	100	lime	1405	lime	2215
water sand	130	shale grey	1410	Hole caving 2165-2207	
HFW 100-130'		lime	1530	Total 2 1/2 BWPB	
sand	140	2 BWPB 1480-93		blue shale	2222
shale	150	Water exhausted from		lime	2230
mud blue	170	3 B to 2 1/2 BPH		shale	2235
rod rock	175	shale	1537	brkn lime	2255
mud blue	180	lime hrd	1552	shale	2265
sand	190	rod rock	1557	lime	2275
shale blue	368	lime hrd	1568	Caving 2262-75	
rod rock	389	lime	1580	shale & lime shells	2310
limo	396	shale	1590	sdv shale	2323
3 BWPB 389-96		lime hrd	1600	shale blue	2335
shale blue	402	rod rock	1605	lime	2365
rod rock	450	lime	16 25	shale	2380
shale blue	470	shale blue	1630	lime	2400
lime	475	limo	1655	shale	2404
shale blue	500	rod rock	1660	shale & lime shells	2440
rod rock	618	lime	1695	lime	2455
lime	639	rod rock	1700	brkn lime	2465
shale	655	lime	1740	1/2 BWPB 2445-55	
limo	675	shale	1750	1/2 BWPB 2537-42	
shale blue	685	Hole caving 1740-50		lime	2565
lime	692	limo	1775	brkn lime	2575
shale blue	700	shale blue	1778	lime	2602
rod rock	720	red rock	1781	2 1/2 BWPB 2595-2600	
slate blue	757	lime hrd	1793	Water exhausted from	
lime	762	shale blue	1800	3 1/2 B to 1 1/2 BWPB	
1 BWPB 760'		lime hrd	1805	lime hrd	2609
shale blue	780	lime	1806	shale	2612
lime	792	shale	1808	lime hrd	2625
shale blue	849	lime	1900	brkn lime	2670
shale & gyp shells	858	shale	1906	lime hrd	2718
salt	1083	lime hrd	1911	1 BWPB 2670-75	
1 BWPB 890-900		shale	1916	slate black	2720
lime	1085	lime hrd	1919	lime hrd	2727
gyp and shale	1090	shale	1923	shale blue	2737
shale	1112	lime	1935	brkn lime	2752
Total 7 BWPB		shale & shells	1960	rod rock	2760
lime	1118	brkn lime	2000	Hole caving 2732-53	
shale	1124	Some gas 1978-85		shale	2790
lime	1131	More gas 2008-10		lime	2798
shale	1142	lime	2010	shale	2835
lime	1175	shale blue	2015	lime	2838
shale	1180	lime	2032	shale blue	2862
lime	1195	shale blue	2042	brkn lime	2870
brkn limo	1235	lime	2046	lime	2916
rod rock	1240	shale & shells	2081	Show of oil 2892-2900	
lime	1280	shale	2126	brkn lime	2929
1 BWPB 1250-1260		lime	2144	lime	2934
shale	1295	sdv shale	2148		
lime	1325	shale blue	2154		

(OVER)

JAMES DAVIS

John W. Edwards No. 4.
SEC. 34-17-8W

lime hrd 2960
Show of oil 2948-53
lime 3005

Hole caving 2934-81
2 BWPH 2985-91
Water exhausted from $4\frac{1}{2}$
B to $3\frac{3}{4}$ BWPH

lime dark 3015
shale blue 3020
lime white 3033
lime 3091

Hole caving 3045-78
 $\frac{1}{2}$ BWPH 3070-75

brkn lime 3095
lime 3102

shale blue 3105
brkn lime 3120
lime 3146

lime hrd 3158
lime 3161

brkn lime 3166
lime 3171

shale blue 3174
lime 3177

shale blue 3190
red rock 3192
lime 3213

Hole caving 3182-94
Correction 3213 CM equals 3212 SLM

Total $2\frac{1}{2}$ BWPH
lime 3216

conglomerate 3242
shale green 3247

lime 3249
Correction 3249 CM equals 3248 SLM

lime 3260
Show of oil 3247-3249 Making $\frac{2}{3}$ B.Q.P.H.

Total Depth.

Base Anhydrite 396
Base Salt 1083
Fort Riley 1355
Top Topeka 2440
Top Kansas City 2835
Base Kansas City 3161
Top Conglomerate 3210
Top Simpson 3228
Top Siliceous 3246

First Oil 3248
Best Pay 3254-3256

While drilling from 3248-3250, hole filled 200' with oil.
While drilling from 3250-3254, ($3\frac{1}{2}$ hrs) well filled from 200' to 550'
While drilling from 3254-3259, (5 hrs) well filled to a depth of 1800'
Filled to 2660' next 10 hrs.
Filled to 3100' next 23 hrs.

State Potential before acidizing
511 Bbls. Oil, no water.

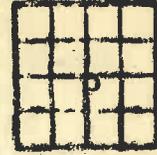
Production 2nd 24 hrs. 399 Bbls. Oil
No water.

JAMES DAVIS,
J.W. Edwards No. 5.

SEC. 34 T. 17 R. 8W
NWc SE
330' fr NL 330' fr WL

Total Depth. 3261'
Comm. 10-26-36 Comp. 11-29-36
Shot or Treated. 4000 Gals.
Contractor.
Issued. 4-17-37

County. Ellsworth



CASING.
15 1/8" 345' Pulled
12 1/2" 1276' Pulled
10 " 2202' Pulled
8 1/4" 3116'
6 5/8" 163' 1" @ 3254'

Elevation.

-Production. Pot. 1792 1/2 B.

Figures Indicate Bottom of Formations.

cellar	10	shale blue	1340	shale	2234
clay yellow	40	limo	1350	lime	2235
sand	65	red rock	1355	shale	2245
shale red	75	lime (Ft. Riley 1355)	1407	Caving 2235-2245	
red rock	90	shale grey	1412	lime	2255
sand	135	2 1/2 BWPH 1485-1495		shale	2260
red rock	145	lime	1520	lime	2265
HFW 105-140		red rock	1525	shale	2275
slate blue	175	lime	1535	lime hrd	2290
red rock	178	shale blue	1545	shale	2305
slate blue	195	lime	1565	lime	2310
shale yellow	200	red rock	1570	shale	2336
shale blue	202	lime (Base Wreford 1585)	1585	lime (Top Howard 2336)	2375
slate blue	225	shale blue	1595	shale blue	2385
shale blue	345	limo	1605	lime hrd	2404
Hole caving at 315		red rock	1610	lime	2407
Carrying HFW		lime	1630	shale	2437
shale	348	shale blue	1635	lime	2446
shale blue	370	lime	1655	1 1/2 BWPH 2437-2442	
red rock	393	shale blue	1660	shale	2452
lime (Base Anhyd. 410)	410	red rock	1665	lime	2549
6 BWPH 393-405		lime	1680	shale	2550
red rock	470	shale blue	1685	lime	2620
shale blue	495	lime	1690	lime hrd	2635
red rock	620	shale blue	1700	shale black	2638
lime hrd	640	red rock	1703	limo	2732
shale blue	700	lime	1735	1 BWPH 2707-2714	
red rock	720	shale blue	1738	shale	2742
shale brown	741	Hole caving 1735-1738		lime hrd	2754
shale blue	767	lime Top Neva 1752	1747	lime (Base Oread	2755
lime	774	red rock	1752	red rock 2755)	2763
shale blue	790	lime	1805	shale & shells	2800
lime	804	shale drk	1810	lime	2805
shale blue	850	lime hrd	1815	shale (Top K.C. 2838)	2838
lime	865	limo	1903	lime	2845
1 BWPH 855		shale	1916	shale	2870
Carrying 6 BWPH		Hole caving 1863-1913		lime	2890
Exhausted to 4 BWPH		lime hrd	1922	shale	2892
salt	935	shale	1926	lime	3016
shale	942	lime (Base Americus	1935	Sh oil 2892-2907	
salt (Base Salt 1092)	1092	shale & shells 1935)	2008	Sh oil 2955-2962	
shale blue	1095	Show of gas 1984-1987		Some cave fr 2925-62	
lime	1100	lime hrd	2020	2 BWPH 2985-2989	
shale	1115	shale blue	2025	Carrying 4 BWPH	
lime	1138	red rock	2028	Exhausted to 2 1/2 BWPH	
shale	1145	shale	2038	shale	3021
lime	1170	lime	2041	lime	3061
shale blue	1175	shale	2050	shale	3063
lime	1198	Hole caving 2041-2050		lime	3138
shale blue	1202	lime	2085	1 BWPH 3064-3069	
lime	1231	shale	2130	Some cave from 3080-3103	
shale blue (Top Her-1237		lime (Top Tarkie 2130)	2150	Total 3 1/2 BWPH	
red rock ington 1240)	1240	shale	2162	shale	3141
Water exhausted to 3 1/2		Hole caving 2150-2162		lime	3145
B. per hr		lime	2175	Corr 3145 C.M. = 3140 SIM	
lime	1285	shale	2196	lime	3140- 3162
shale	1292	Total 2 1/2 BWPH		brkn lime	3167
red rock	1293	lime	2218	lime	3172
shale	1307	shale	2220		
limo	1335	lime	2229		

(OVER)

shale 3174
lime 3177
shale 3189
red rock 3191
lime 3215
conglomerate 3224
shale green 3230
conglomerate 3250
Sh of oil 3238-3242
shale green 3255
lime 3256
Top Siliceous 3255 C.M.--
3253 SLM
Corr. 3256 C.M. equals 3254 SLM
Show of oil 3254 SLM
lime 3261
Total Depth.

While drilling from 3253-3256SLM hole filled 100' with oil
While drilling from 3256 to 3259 hole filled to a depth of 700'
Filled to 1200' next 1 1/2 Hrs.
Filled to 1800' next 2 1/4 Hrs.
Filled to 2200' next 1 1/4 Hrs.
Filled to 2225' next hour.
Filled to 2300' next hour.
Filled to 2395' next 45 min.
Filled to 2500' next hour.
Filled to 2600' next hour.

Potential before acidizing 471 B., no water.
Production second 24 hrs. 330 bbls. oil no water.
State Potential after acidizing 1792 1/2 B. Oil, 1/10 of
1% water.

Top of Siliceous 3253' SLM
First oil 3254
Best Pay 3256-3261

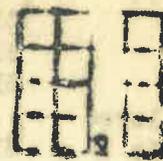
JAMES DAVIS CO.
John W. Edwards No. 1.

SEC 34 T.17 R. 8W
SW c 3E
330' fr 3L 330' fr WL

Total Depth. 3248'
Comm. 3-5-36 Comp. 4-7-36
Shot or Treated.
Contractor, James Davis
Issued. 5-16-36

County, Ellsworth

Scout Tops:
Cong 3165
Sil 3244



CASING.	
15 1/2"	336'
12 1/2"	1496'
10 "	2442'
8 1/4"	3184' H.S.L.M.
6 5/8"	3244'

Elevation. 1782

Production. Pot. 1501 Oil
23 hrs. 45 min.

Figures Indicate Bottom of Formations

surface	10	lime	1335	lime	2202
sandy clay	30	red rock	1345	lime hard	2224
sand rock	42	shale blue	1350	shale blue	2227
sandy yellow shale	80	Top Fort Riley 1350		lime hard	2235
sand rock	90	lime	1480	shale blue	2247
1 BW 80'-90'		2 BW 1470-80		lime	2255
sand water	140	shale blue	1490	shale	2305
HFV 90-140		Florence Flint 1480		lime	2320
red rock	145	red rock	1493	lime hard	2340
shale blue	175	Total 5 BWPH		shale blue	2357
slate blue	210	lime	1515	lime	2383
shale blue	215	shale blue	1535	Top Topeka 2415	
shale	260	lime	1540	shale blue	2415
shale blue	270	shale blue	1545	3 BWPH 2410-15	
shale grey	275	shells & shale blue	1570	lime	2439
sandy shale	280	lime	1585	Hole caving 1980-2415	
shale blue	329	shale blue	1590	Correction 2439 C.M. = 2442 SLM	
hole caving 312'-322'		red rock	1595	lime	2453
red rock	331	lime	1615	lime white	2475
sandy lime	333	shale blue	1620	lime grey	2485
lime	340	lime	1630	lime white	2498
shale blue	350	shale blue	1640	lime	2520
red rock	380	lime brown	1650	light shale	2525
lime	390	shale blue	1665	lime	2585
Base Anhydrite 390		shells & shale	1680	lime white	2600
3 1/2 BW 380-90		shale blue	1685	lime brown	2650
red rock	480	red rock	1690	lime white	2670
shale blue	495	shale	1700	lime hard	2695
wtr exhausted to 1 1/2 BWPH		lime brown	1730	lime	2705
red rock	625	red rock	1737	shale blue	2710
lime	630	lime	1775	lime	2730
shale blue	685	Hole caving 1730-55		red rock	2747
red rock	720	shale blue	1795	broken lime	2763
shale blue	730	Hole caving 1775-90		shale blue	2773
red rock	735	lime	1900	lime	2778
shale blue	815	shale	1910	shale	2785
lime	825	lime	1925	hole caving 2730-85	
shale	830	shale	1935	shale blue	2814
shale blue	845	lime	1940	lime	2820
salt	935	shale blue	1946	shale blue	2825
1 1/2 BW 845-55		lime	1950	lime	2830
salt & lime	950	shale blue	1965	shale Top K.C.	2835
shale	955	lime	1975	lime K.C.	2885
salt & lime	975	shale blue	1990	light show oil & gas 2870-75	
salt	1030	lime	1995	lime (1/2 BW 2875-85)	2890
shale blue	1035	shale	2000	shale black	2892
salt	1075	lime	2010	lime hard	2905
shale blue	1100	shale blue	2025	shale	2908
lime	1120	lime hard	2028	lime	3005
shale blue	1125	shale	2040	show of oil 2917-32	
shale light	1140	shale blue	2050	broken lime	3018
lime shells	1143	lime	2054	1/2 BW 2960-70	
light shale	1152	shale blue	2090	lime brown	3025
lime	1160	lime	2092	broken lime	3030
shale blue	1163	shale blue	2100	lime hard	3037
lime	1172	lime	2110	shale blue	3040
shale & lime shells	1185	lime hard	2130	lime	3066
lime	1195	lime	2140	shale	3072
shale blue	1200	shale blue	2175	lime	3087
lime	1260	lime	2180	Hole caving 3030-75	
shale light	1275	shale	2185	(OVER)	

2835
1792
1753

JAMES DAVIS CO.

John W. Edwards No. 1.

Sec. 34

T. 17

R. 8W

W. lime 3114
 lime hard 3130
 lime 3135
 shale 3137
 lime 3142
 various colored shale 3149
 various colored shale & lime 3165
 conglomerate 3172
 red rock 3177

Total 2 BWPH

Correction 3177 C.M.

equals 3184 H.S.L.M.

lime 3190
 conglomerate 3207
 shale green 3209
 conglomerate 3225
 various shale 3237

Top Siliceous shale green 3244
 show of oil 3244 about 3 Gal. per hr.

Simpson 3244
 lime Siliceous 3247 1/2
 Filled up 2749' in 4 hrs.

1:20 P.M. to 5:20 P.M.
 Filled up from 2749'-2849'
 5:20 P.M. to 6:20 P.M.

Filled from 2849'-2915'
 6:20 P.M. to 7:15 P.M.
 Total Depth 3248

Total Depth 3247' 6"
 Correction 3247' 6" C.M.
 equals 3248 H.L.M.

Potential 1501 Bbls. oil in 23 hrs.
 45 minutes.

Handwritten:
 54
 1482
 1462

Handwritten:
 2821
 741
 2080

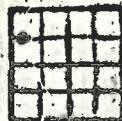
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY. 34-17-8W
 412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
 J.F. Rolfs, No. 8

SEC. 34 T. 17 R. 8W.
 CW $\frac{1}{2}$ W $\frac{1}{2}$ NW
 1320' S 440'E of NW cor.

Total Depth, 3228
 Comm. 10-13-39 Comp. 10-31-39
 Shot or Treated, 2000 gal.
 Contractor, Parker Drilling Co.
 Issued, 12-9-39

County Ellsworth.



CASING.

103/4" 21516"
 7" 3183'

Elevation.

Production, Pot. 9109B.
 Figures Indicate Bottom of Formations. Depth. Max. Pot. 2500B.

cellar	9'8
red clay	60
sand	67
shale red and blue	140
sand & sdy shale	162
shale blue	220
shale red bod	381
limo	396
shale & sholls	860
salt	1055
brokon limo & shale	1340
shale and limo	1442
sand	1468
brokon limo	1499
brokon limo & shale	1760
brokon limo	1853
brokon limo & shale	1915
shale and sholls	2178
brokon limo and shale	2302
shale and limo sholls	2407
shale and sholls	2451
limo	2623
shale and sholls	2635
limo	2720
shale	2742
limo brokon	2763
shale	2820
lime hard	2843
lime soft	2852
lime	2931
brokon limo	2943
limo	3140
shale and limo	3188
limo	3213
lime hard	3218
limo	3228
Total Depth.	

Total Depth From cement floor level 3227
 Top of Arbuckle lime from cement floor level 3181
 before acidizing hole filled full oil

11-4-39 The well was given a 24 hour dophograph pot. of 9,109 bbls of oil. This establishes a maximum allowed potential of 2500 bbls oil

KANSAS WELL LOG BUREAU KANSAS GEOLOGICAL SOCIETY
 Union National Bank Bldg, Wichita, Kansas.

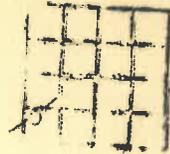
YINGLING BROTHERS
 Maupin No. 1

Sec. 1 T. 18 R. 8 W.
 NW SW SW

Total Depth 3354
 Comm. 7-31-34 Comp. 2-9-35.
 Shot or Treated.
 Contractor S. A. Murphy.
 Issued 3-9-35.

County - Rice.

CASING



15 1/2" 256' 4" 6 5/8" 3020
 12 3/4" 1150 5 3/16" 3240 UR to 3260
 10" 2060 2 1/2" 3239
 8 1/2" 2775 U.R. 2850 5/8" 3239'

Elevation 1750

Production Dry

Sec. 1
 K.C. 2850
 Cong 3210
 Sil 3240

Figures Indicate Bottom of Formations.

surface clay	85	red lime shells	1645	show oil	2876-2896
sand	95	shale blue	1670	lime drk	2900
7 BW 85-95		shale blue		lime grey	2905
sdv shale	105	hole caving	1700	lime drk	2910
shale blue	115	red rock hole		shale & brkn lime	2920
red rock 7 BW	140	caving	1720	lime HFV	2960
shale blue	200	shale blue hole		water sand	2970
sdv shale 2 BW	210	caving	1740	lime	2990
shale blue	235	Fighting cave		lime sdv	3000
sdv shale 3 BW	245	slate blue	1750	shale	3005
slate blue	250	lime	1770	sand	3010
shale blue	295	shale black	1775	lime	3020
red rock	340	lime brkn	1795	lime	3050
lime	355	slate white	1800	shale	3055
red rock	415	lime	1825	lime	3115
slate blue	430	slate blue	1830	shale drk	3123
red rock	580	lime	1870	lime white	3128
slate blue	660	lime shells shale	1890	shale lgt	3140
red rock	670	shale blue	1930	lime	3160
shelly red	690	lime	1940	Various color shale	3174
shale blue	765	shale blue	1970	shale drk	3195
lime shells	780	red rock	1975	shale hole caving	3200
shale blue	790	shale blue	2000	chat Viola	3210
salt	805	lime	2005	red rock	3215
salt brkn	885	slate blue	2020	red various colors	3223
salt brkn	940	lime	2035	lime shells	3226
slate blue	950	red rock		oil in sand	3233
salt brkn	1000	hole caving	2035	conglomerated & sand	
salt	1030	water sand 5 BW	2045	50 bbls oil show	
red rock	1040	shale	2060	drilling 1 & 2 foot	
slate blue	1080	slate blue	2110	testing out oil sand	3240
lime brkn	1100	slate blue	2120	lime	3243
shale brown	1120	lime	2160	shale showing	3245
lime grey	1130	shale	2165	Plugged back from	3245-3259
slate blue	1145	shale blue	2175	Testing Well	
lime grey	1170	lime	2185	lime sft	3253
slate white	1180	shale blue hole		lime hrd	3255
lime	1190	caving	2250	lime	3260
slate white	1225	lime	2255	red brkn shale	3262
lime	1250	slate blue	2370	lime	3263
slate white	1255	lime	2400	lime shells	3265
lime brkn	1275	slate blue	2430	various color shale with	
lime	1285	lime Topeka	2490	lime shells & sand	3267
lime brkn	1290	shale	2495	various color shale	3280
lime	1310	lime	2550	lime shells hole caving	
slate white	1325	slate blue	2570		3292
red rock	1335	lime	2615	various color shale	
lime 2 BW 1480	1500	fishing for bit		hole caving	3308
slate blue	1510	lime	2620	varigated	3335
lime	1520	lime	2695	shale blue	3347
red rock	1525	slate	2740	Silicious HFV	3354
lime	1550	slate	2765		
shale black	1560	lime Lansing	2775	Total Depth	3354
lime	1570	HFV 2775			
shale & red	1580	hole caving			
lime	1585	lime	2780		
shale brkn	1595	slate	2830		
shale pink	1615	shale	2835		
lime	1620	slate	2850		
shale	1625	lime	2896		

2765
 1750
 -1015Ls
 3340
 1750
 -1590Lb.

Sec. 1 - K.C. Lime 2850
 Sil. 3040

2850
 1750
 1101

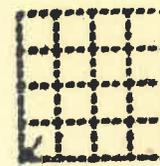
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
 412 Union National Bk Bldg., Wichita, Kansas

HINKLE & ELWELL
 Goodwin No. 1.

SEC. 2 T. 18 R. 8W
 SW₆ SW

Total Depth. 3305'
 Comm. 10-23-40 Comp. 11-6-40
 Shot or Treated.
 Contractor.
 Issued. 11-23-40

County. Rice



CASING:
 10" 150'

Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

surface	150
shale & shells	1210
shale & lime	1295
lime & shale brks	1428
shale & lime	1550
lime sdy	1575
shale & lime	1606
lime	1737
shale & lime	1806
shale & shells	1877
shale & lime	1957
shale & shells	2277
shale	2348
lime	2410
shale	2441
lime	2757
shale	2778
lime	2790
lime brkn	2825
lime	2847
slate blk & lime shells	2868
lime hrd	2875
lime brkn	2885
lime	2960
lime sdy sft	2980
lime	3100
shale & lime	3220
conglomerate	3290
lime Arbuckle	3305
Total Depth.	

Tops: Topeka 2460
 Kansas City 2855
 Base: Kansas City 3100

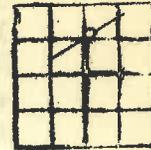
WELL LOG BUREAU-KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg, Wichita, Kansas.

C.E. SKILES & O.F. HINERMAN
Edwards No. 2.

SEC. 3 T. 18 R. 8W
SW NW NE

Total Depth: 3313'
Comm. 5-14-36 Comp. 9-6-36
Shot or Treated.
Contractor.
Issued. 10-10-36

County. Rice



Elevation. 1781

Production. Dry.

Figures Indicate Bottom of Formations.

3311
1781
-1530 ARB

CASING:	
12 1/2"	218'
10 "	624'
8 "	2170'
6 "	3227'

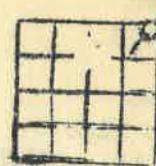
surface	25	lime grey	1492	lime	2500
lime	28	red rock	1495	lime white hrd	2515
sand	55	lime	1508	lime	2550
shale blue	70	shale light	1510	shale blue	2558
red rock	85	shale	1520	lime	2575
HFV 100'		lime brkn	1590	lime white hrd	2625
sand light brown	115	lime hrd	1600	lime	2685
shale light	125	red rock	1615	lime white	2695
red rock	135	lime grey	1640	lime grey	2707
shale blue	185	shale	1645	shale dark	2712
lime brown	216	red rock	1660	shale black	2713
shale grey	230	lime	1675	lime drk sdy	2720
sdv lime 2 1/2 BWPB	250	shale light	1685	shale light	2728
shale grey	268	lime grey	1710	lime light	2733
sand grey 1 BWPB	285	shale grey	1720	lime	2740
shale blue	312	brkn lime	1740	shale light	2750
sdv lime grey	314	red rock	1745	brkn lime W	2768
shale blue	325	lime brkn	1775	brkn lime black	2774
lime grey	350	lime	1855	lime	2792
red rock	385	shale brown	1860	lime brkn	2795
lime brown hrd	394	lime	1885	lime hrd	2800
shale blue	400	brkn lime	1925	lime	2805
red rock	447	lime	1930	shale blue	2822
12 BWPB 420		shale dark	1955	shale grey	2844
shale blue 13 BWPB	540	lime	1970	lime K.C.	2855
red rock	550	shale	1990	lime brkn	2875
shale grey	590	lime	1995	lime	2905
red rock	608	shale brown	2000	lime hrd	2920
shale grey	624	lime	2010	lime	2931
lime grey hrd	626	brkn lime	2035	brkn lime	2935
shale grey & lime		lime hrd	2045	lime hrd	2943
shells thin	660	shale light	2055	lime	2975
shale grey	680	lime 1/2 BW 2065	2070	sdv lime brown	2985
shale	690	shale grey	2105	lime grey thin	2992
red rock	695	shale dark	2120	lime 6 coils W 2995	2998
shale blue	815	lime	2155	lime brown hrd	3004
shale grey	825	shale dark	2170	lime	3011
lime grey	830	sdv lime	2180	shale	3015
shale grey	847	shale blue	2190	brkn lime	3020
lime grey	857	brkn lime	2193	lime grey	3038
lime brkn	864	lime solid	2195	lime grey hrd	3055
salt	1070	lime	2200	lime brkn	3060
shale blue	1103	shale	2205	lime grey sft	3070
lime grey	1115	lime	2210	lime grey hrd	3083
shale	1125	shale grey	2222	shale blue	3088
lime & shale	1175	lime	2235	lime grey	3095
brkn lime	1180	brkn lime	2260	lime brown hrd	3105
lime grey	1200	shale grey	2265	lime grey	3115
brkn lime & shale	1240	lime	2267	lime dark brkn	3125
brkn lime grey	1270	lime brkn	2295	lime grey hrd	3134
shale grey	1280	shale blue & lime		lime grey	3140
lime light	1290	shells	2335	lime brown	3155
lime brkn	1325	lime 1/2 BW	2350	shale drk	3158
red rock	1340	lime brkn	2380	lime light brn	3163
shale blue	1350	lime grey hrd	2400	shale blue sft	3168
lime grey	1355	lime	2415	brkn lime brn	3174
shale light	1360	shale light	2435	shale blue	3185
lime grey	1450	lime	2455	lime brkn	3194
sdv lime grey	1470	lime grey	2465	conglomerate	3211

C.E. SKILES & O.F. HINERMAN.
Edwards No. 3

SEC 3 T 18 R. 8W.
NEc NE

Total Depth. 3422
Comm. 7-20-36 Comp. 9-13-36
Shot or Treated.
Contractor.
Issued. 10-10-36

County. Rice.



Elevation. 1785

Production. DRY.

CASING.

12 1/8" 232' 6" 3142'
10" 394'
8" 2185'

Figures Indicate Bottom of Formations.

surface	10	limo grey	1550	shale blue	2455
clay yellow	20	shale grey	1555	iron	2457
mud red W.	70	limo grey	1585	lime grey	2470
sdv W. 85	95	shale dark	1610	limo	2475
sdv shale HFW	105	red rock	1615	shale W.	2480
red rock	120	limo	1630		
sand	125	shale	1642	limo brown	2515
shale blue	165	limo	1650	limo grey	2550
sand	225	shale	1655	limo grey	2590
shale blue	240	red rock	1660	shale blue	2597
sand	245	limo grey	1670	lime broken	2600
shale blue	280	shale blue	1675	limo grey	2620
water sand 14B.	288	limo grey	1685	shale blue	2625
iron	290	shale blue	1690	limo grey	2645
shale blue	295	limo grey	1745	limo brown	2675
lime grey	300	red rock	1755	limo grey	2695
shale blue	330	limo grey	1775	sand 1BWPH	2705
lime grey	348	limo	1800	sdv limo	2710
red rock	365	shale	1815	limo grey	2735
shale blue	393	limo grey	1825	shale blk	2737
lime white	394	shale blue	1825	lime grey	2745
lime grey	400	shale blue	1830	shale blue	2755
red rock	457	limo grey	1850	limo grey	2776
shale	570	shale blue	1855	shale blue	2780
shale grey	580	limo grey	1910	shale blue&shells	2785
lime grey	584	shale	1930	sdv limo broken 4BW	2795
red rock	635	limo grey	1940	sdv shale	2800
shale blue	665	shale grey	1955	shale blue	2810
shale wh mud	705	shale blue	2000	lime grey	2815
red rock	712	limo grey	2030	shale blue	2855
shale blue	730	shale blue	2050	limo grey	2862
shale blue	795	lime brown	2055	shale blue	2875
lime grey	805	shale blue	2060	limo grey BW 2920	2940
shale blue	855	red rock	2070	lime dark	2950
shale and shells	860	shale dark	2075	lime grey HFW	2980
limo	865	limo grey	2080	sdv lime	3010
salt W. 875	1100	shale blue	2125	shale blue	3015
shale blue	1115	limo grey W.	2180	lime grey	3050
limo	1122	sand grey	2185	shale blue	3053
shale	1130	sand	2188	lime broken	3080
lime broken	1155	limo	2190	lime grey	3107
lime grey	1195	shale dark	2197	shale blue	3112
lime broken	1220	lime grey	2218	lime grey	3115
lime grey	1245	shale blue	2220	lime grey BW	3145
lime broken	1285	lime grey	2240	lime brown	3189
shale	1300	shale blue	2260	show oil	
lime chaff	1305	limo grey	2270	sdv lime grey	3195
lime broken	1345	shale blue	2275	shale and shells	3200
red rock	1355	limo grey	2305	lime grey with blue and	
shale grey	1365	shale blue	2330	green shale	3205
lime broken	1380	limo grey	2335	shale blue	3207
lime grey	1400	shale blue W. 2320	2354	rod rock	3210
lime broken	1440	limo grey	2371	lime grey	3225
limo	1484	lime broken	2375	lime grey and white	3233
sdv lime	1498	limo grey	2380	rod rock	3240
lime grey	1515	shale blue	2395	conglomerate	3314
rod rock	1518	lime grey	2420	lime grey	3329
lime grey	1530	shale blue	2430	lime Viola	3345
shale blue	1535	lime grey	2440		

OVER

3420
1785
-1635

3314
1785
-1529

lime brown Viola	3375
slate and shells dark	3385
shale red	3387
lime brown	3390
shale green	3392
sand	3398
shale blue	3420
Siliceous lime	3422
Total Depth	HFV

Bottom of hole

3375	lime brown	3375	lime brown	3375	lime brown
3385	slate and shells dark	3385	slate and shells dark	3385	slate and shells dark
3387	shale red	3387	shale red	3387	shale red
3390	lime brown	3390	lime brown	3390	lime brown
3392	shale green	3392	shale green	3392	shale green
3398	sand	3398	sand	3398	sand
3420	shale blue	3420	shale blue	3420	shale blue
3422	Siliceous lime	3422	Siliceous lime	3422	Siliceous lime
HFV	Total Depth	HFV	Total Depth	HFV	Total Depth

LOC. NE COR. NW/4
12 1/2 218
8 1/2 3253

KANSAS WELL LOG.

FARM. JANSSEN NO. 1
CO. EMPIRE OIL & REFINING CO.
CONT. CORBETT & HARBOUR.
COMM. 2-17-1936
ELEV.

SEC. 3 T. 128. N. 5W.
RICE COUNTY.

COMP. 3-18-1936
PROD. 360 BBL 12 HRS.

T.D.	3281'		
Surface clay	15	shale, shells	2800
gypsum	35	lime	2921
red bed	50	shale, lime shells	2981
clay sdy	60	lime brkn	2920
shale, shells	110	shale, shells	2929
sand	135	lime K.C.	3050
shale	140	lime brkn	3070
red bed	195	lime	3161
shale, shells	220	lime brkn, shale	3212
lime, shells	225	lime	3212
shale, shells	240	shale	3250
red bed	300	conglomerate	3255
shale sdy	320	SLM. CORR. 3255 IS 3254	
shale	350	lime	3262
shale, shells	619	lime, chert	3269
lime	649	SLM. CORR. 3269 IS 3272	
lime, shells, shale	710	chert	3273
shale	740	chert, lime	3274
shale, lime shells	860	lime	3278
salt, shells	915	lime cherty	3279 1/2
salt	1066	lime	3281
slate, shell	1106		
lime	1237	Total Depth CORR.	3281'
lime brkn	1244		
shell	1292	TOP ARBUCKLE CORR.	3251
shale, shells	1315	GAS-SHOW OIL	3253-54
lime	1331	BEST PAY	3259-64
shale	1338		3274-77
lime	1345	3000' OIL IN HOLE	3277'
shale	1350		
shale, shells	1511	558 BBL 5 NAT.	3277
lime	1554	DEEPENED	3281
shale, shells	1625	PUMPED 360 BBL 12 HRS.	
lime	1640	REPORTED 5% WATER	
shale	1650		
lime	1777		
shale, lime shells	1872		
lime	1940		
shale	1991		
shale shells	2003		
lime	2063		
shale	2150		
lime	2162		
shale, shells	2208		
lime	2260		
shale, shells	2274		
lime	2323		
shale	2333		
lime	2374		
lime brkn	2456		
lime	2504		
lime TOPEKA	2685		
lime brkn	2751		

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
 Union National Bk Bldg, Wichita, Kansas.

EMPIRE OIL & RFG. CO.
 Janssen No. 1.

SEC 3 T. 18 R. 8W
 NE c NW
 330' S 330' W N $\frac{1}{4}$ Cor.

Total Depth. 3281'
 Comm. 2-17-36 Comp. 3-18-36
 Shot or Treated.
 Contractor. Corbett & Barbour
 Issued. 5-9-36

County. Rice

CASING.
 12 $\frac{1}{2}$ " 218'
 8 $\frac{1}{4}$ " 3253'



Elevation. 1781

Production. 360 Bbls. 12 hrs.

Figures Indicate Bottom of Formations.

surface clay	15	lime	2063
gypsum	35	shale	2150
red bed	50	lime	2162
sandy clay	80	shale & shells	2208
shale & shells	110	lime	2260
sand	135	shale & shells	2274
shale	140	lime	2323
red bed	195	shale	2333
shale & shells	220	lime	2374
lime & shells	225	broken lime	2456
shale & shells	240	lime	2504
red bed	300	Topoka lime	2685
sandy shale	316	broken lime	2751
shale	350	shale & shells	2800
shale & shells	619	lime	2821
lime	649	shale & lime shells	2881
lime, shells, shale	710	broken lime	2920
shale	740	shale & shells	2929
		K.C. lime	2996
shale, lime shells	860	lime	3050
salt & shells	915	broken lime	3070
salt	1086	lime	3161
slate & shell	1106	broken lime & shale	3212
lime	1237	lime	3218
broken lime	1244	shale	3250
shell	1292	conglomerate	3255
shale & shells	1315	Correction S.L.M.	3255=3254
lime	1331	lime	3262
shale	1338	lime & chert	3269
lime	1345	Correction S.L.M.	3269=3272
shale	1350	chert	3273
shale & shells	1511	chert & lime	3274
lime	1554	lime	3278
shale & shells	1625	cherty lime	3279 $\frac{1}{2}$
lime	1640	lime	3281
shale	1650	Total Depth Corr.	
lime	1777		
shale & lime shells	1872	T. Arbuckle	3251' (Corr.)
lime	1940	G. S. O.	3253-54
shale	1991	Best Pay	3259-64
shale shells	2003		3274-77

558 Nat. at 3277'
 D.D. to 3281' Pumped
 360 Bbls. in 12 hrs. after
 D.D.
 Reported 5% water

S.C.T.
 K.C. 2850
 S.I. 3254

2929
 1781
 1148

3254
 1781
 1473

3000' oil in hole at 3277'

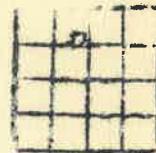
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 Union National Bldg, Wichita, Kansas.

EMPIRE OIL & REFG. CO.
 Janssen No. 2.

SEC 3 T. 18 R. 8W.
 SE NE NW
 330' N 330' W of E1/16 Cor.

Total Depth. -- 3262
 Comm. 4-2-36 Comp. 4-25-36.
 Shot or Treated.
 Contractor, Shaffer Drlg Co.
 Issued, 6-20-36.

County. Rice.



CASING.

10" 336'
 65/8" 3235' SLM
 53/16" 42'10 (2 jts) 3256' SLM.

Elevation. 1779

Production. 1050 B.O.
 no wtr 21 hours.

Figures Indicate Bottom of Formations.

shale and shells	95
sand	140
shale and shells	334
lime	340
shale and shells	840
salt and shale	978
salt	1050
broken lime	1220
lime	1335
broken lime	1400
shale	1440
lime	1595
lime and shale	1657
broken lime and shale	1733
lime and shale	2242
shale	2422
Topeka lime	2657
lime	2740
broken lime and shale	2880
Lime K.C.	2898
lime	3160
lime and shale	3204
conglomerate	3225
shale green	3245
Top lime 3256 SLM	
SLM correction 3245 equals 3256	
lime	3262
Total Depth.	

Sc. T.
 511 3262

2880
 1779
 1101

3262
 1779
 1483

Filled up 2510' in 5 hours.

Water record.
 45' water 95-140

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg., Wichita, Kansas.

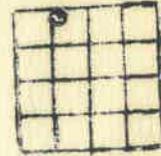
EMPIRE OIL & REFG. CO.
Janssen No. 3

SEC. 3 T. 18 R. 8W
NW NE NW
330'S 995'W of N $\frac{1}{4}$ Cor.

Total Depth. 3260'
Comm. 5-15-36 Comp. 6-16-36
Shot or Treated. 3000 Gals. & 3000 Gals. Acid.
Contractor. Shaffer Drlg. Co.
Issued. 9-5-36

County. Rice

CASING:
12 $\frac{1}{2}$ " 221'
7 3197'
5 3/16" 67' @ 3234' SLM



Elevation.

Figures Indicate Bottom of Formations. Production. 435 B.,
20 wtr.

surface clay	20
sand	39
clay	90
water sand	150
shale & shells	900
salt	980
shale & shells	1140
brkn lime	1190
shale & shells	1215
brkn lime	1390
shale & shells	1485
brkn lime	1830
shale & shells	2125
brkn lime	2190
shale & shells	2300
brkn lime	2395
shale & shells	2450
lime	2715
shale & shells	2842
lime	2930
brkn lime	3022
lime	3072
brkn lime	3090
lime	3125
brkn lime	3182
lime	3200
shale green & sand	3202
sdv shale	3208
Sh of oil 3202-08	
conglomerate 500' fluid	3231
shale green	3235
lime	3236
SLM Corr. 3236=3234	
(1625' oil in hole)	
lime hrd	3260
Total Depth.	

Top Siliceous lime Corr. 3234'
Acidized with 3000 gals. 6-21-36 and
with 3000 gals. 7-2-36

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

EMPIRE OIL & REFG.
Jansson No. 4-A

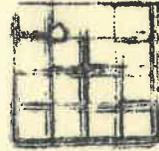
SEC. 3 T. 18 R. 8W.
SW NE NW
896' S 996' W N $\frac{1}{2}$ cor.

Total Depth. 3267
Comm. 7-10-36 Comp. 8-7-36
Shot or Treated.
Contractor. Shaffer Drlg Co.
Issued. 11-7-36

County Rice.

CASING.

12 $\frac{1}{2}$ " 201'
7" 3226'
53/16" 44'6" @ 3244'



Elevation.

Production. Pot. 260B.O.
30 BW.

Figures Indicate Bottom of Formations.

collar	9	lime	2710
rod bod	40	shale and lime sholls	2753
rod bod and shale	94	lime	2808
water sand	149	shale and lime sholls	2888
lime sholls and shale	204	lime	2952
shale and sholls	388	shale and sholls	2970
lime	446	lime	3214
shale and sholls	880	shale	3224
salt	931	conglomerate	3234
shale and salt	1056	conglomerate and lime	3235
shale and sholls	1175	SIM corr. 3235 equals 3236	
lime	1230	lime	3239
shale and sholls	1280	conglomerate	3243
broken lime	1345	siliceous lime(solid)	3267
shale	1400		
broken lime	1447	Total Depth.	
shale	1475	Acidized 8-9-36 3000 gal.	
lime	1504	shot 10 qts 8-18-36 3257-62	
broken lime	1702	acidized 4000 gal 8-24-36	
lime	1715		
shale and sholls	1873		
broken lime	1891		
shale and sholls	2025		
broken lime	2050		
shale and sholls	2115		
lime	2156		
broken lime	2202		
shale and sholls	2237		
broken lime	2255		
shale and sholls	2315		
broken lime	2334		
shale and sholls	2341		
shale	2364		
lime	2390		
lime broken	2450		
lime	2557		
broken lime	2614		
lime	2685		
broken lime	2695		

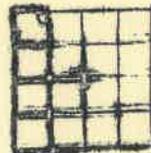
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412 Union National Bk Bldg., Wichita, Kansas.

EMPIRE OIL & REFG. CO.
Janssen No. 5A

SEC. 3 T. 18 R. 8W
NE NW NW
995.3'E & 330'S of NW Cor.

Total Depth. 3250'
Comm. 8-8-36 Comp. 9-9-36
Shot or Treated.
Contractor. Shaffer Drlg. Co.
Issued. 11-14-36

County. Rice



CASING:

10" 209'
7" 3233'

Elevation.

Pot.

Production. 840 B. Oil

Figures Indicate Bottom of Formations. 24 hrs., No wtr.

cellar (sand)	9
red bed	75
shale & shells	160
sdv shale & lime	
shells	210
shale & shells	448
red bed & shells	590
shale & shells	880
salt	1070
shale & shells	1147
lime	1355
shale & lime	
shells	1480
lime	1541
broken lime	1638
lime	1810
shale	2115
lime	2150
shale & shells	2208
shale	2309
shale & lime	
shells	2447
lime	2531
shale broken	2635
lime	2772
shale & lime	
shells	2873
shale & lime	2945
lime	3005
broken lime	3124
lime	3163
SIM Corr. 3163=3183	
lime	3198
Simpson shale red	
(cored)	3203
sdv shale grey	
(cored)	3204
shaley sand (cored)	3208
shale	3211
sand chert & shale	3217
conglomerate	3225
shale	3235
lime	3238
SIM Corr. 3238=3233	
lime	3245
sdv lime	3250
Total Depth.	

Top Siliceous lime 3230'
Pen. 20'

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg., Wichita, Kansas.

EMPIRE OIL & REFG.
Janssen No. 6-A

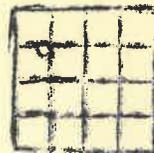
SEC. 3 T.18 R.8W
NE SW NW
330'S 1665'W of E/16 Cor NW $\frac{1}{4}$

Total Depth. 3272'
Comm. 8-17-36 Comp. 9-16-36
Shot or Treated. 2000 Gals. Acid 9-18-36
Contractor. Twin Drlg. Co.
Issued. 11-21-36

County. Rice

CASING:

10 $\frac{3}{4}$ " 216'
7 " 3248'



Elevation.

Production. Pot, 986 B.O.
No water.

Figures Indicate Bottom of Formations.

clay & sand	40	lime grey hrd	3031
surface clay, yellow mud	50	shale & shells grey	
sand red med	70	hard	3079
shale blue & shells light		lime grey	3120
soft	250	lime grey hrd	3140
shale blue sft	300	lime brkn grey med	3186
shale med. sft	440	brkn lime	3190
shale & shells grey	460	lime grey	3200
shale blue sft	611	varicolored shale	3210
shale & shells	886	conglomerate	3217
salt	1050	lime	3220
shale & shells grey	1130	conglomerate	3238
shale & shells	1337	lime	3243
shale & shells grey	1490	Correction SIM	3243=3251
lime grey	1572	lime (sh of oil)	3257
lime grey brkn	1633	lime	3259
lime grey med	1673	sand	3263
lime grey	1728	lime	3272
shale brown	1758	Total Depth.	
brkn lime	1772		
brkn lime med grey	1867	Top Sil. lime SIM	3246
lime grey	1910		
shale	1941		
shale blue med	2027		
shale blue	2037		
brkn lime grey med	2097		
shale	2120		
lime hrd	2134		
shale blue med	2189		
lime grey med	2204		
shale blue med	2228		
lime brkn grey med	2331		
shale blue	2349		
lime	2390		
lime grey med	2450		
lime grey hrd	2612		
lime grey	2646		
lime grey hrd	2678		
shale & shells med	2712		
shells & shale grey	2730		
shale grey	2785		
shale drk blue sft	2795		
lime grey hrd	2815		
shale & shells	2854		
sdv lime	2871		
sdv shale sft	2880		
lime grey hrd	2920		
lime grey	294 5		
shale blue med	2975		
lime grey hrd	3014		
shale grey sft	3024		

NOTE: Drilled as Janssen #1-C but later changed to Janssen #6-A.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

EMPIRE OIL & REFG.
Janssen No. 7-A

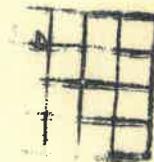
SEC. 3 T. 18 R. 8W
SE NW NW
888.1' S 996.4' E of NW
Cor.

Total Depth, 3268'
Comm. 10-13-36 Comp. 11-12-36
Shot or Treated, 3000 & 3000 Gals.
Contractor, E.J. Shaffer
Issued, 2-6-37

County, Rice.

CASING:

10 3/4" 205'
7" 3232'



Elevation.

Production, Pot. 856 B.
24 hrs after
acid.

Figures Indicate Bottom of Formations.

shale & shells	567
shale & lime shells	740
shale & shells	1073
brkn lime	1197
lime	1267
brkn lime	1298
shale & shells	1500
lime	1546
lime brkn	1627
shale & shells	1830
shale	1927
shale & shells	2340
lime	2362
brkn lime	2377
lime	2437
shale & lime shells	2537
lime	2655
shale & lime shells	2757
lime	2793
shale	2856
lime	2894
shale & lime	2988
lime	3139
shale & shells	3175
lime hrd	3184
lime	3215
Corr. SIM 3215=3235	
Corr. SIM 3235=3232	
lime	3268
Total Depth.	

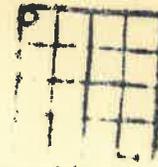
2300' oil in hole at 3257
Acidized at 3257 with 3000 Gals. 11-6-36
Pumped 471 Oil, 0 water 24 hrs.
D.D. to 3268 and acidized 11-14-36 with
3000 Gals.
Pot. 856 B. Oil, 0 wtr 24 hrs.

EMPIRE OIL & REFG.
Janssen No. 8-A

SEC. 3 T. 13 R. 8W.
NWc NW
330' S 330' E NW cor.

Total Depth. 3253
Comm. 12-13-36 Comp. 1-19-37
Shot or Treated.
Contractor. Shaffer Drlg. Co.
Issued. 4-10-37

County Rice.



Elevation.

CASING.

103/4" 191'
7" 3247'

Production. Pot. 1326 B.
no wtr

Figures Indicate Bottom of Formations.

cellar	9
shale	110
water sand	150
shells	175
shale and shells	870
salt a nd shale	1030
shale and shells	1100
lime broken	1200
shale and shells	1315
lime and shale	1530
shale a nd lime shells	1630
lime broken	1673
shale a nd lime shells	1765
shale and lime	1857
shale and shells	1890
shale	2253
lime and shale	2380
shale and shells	2410
lime broken	2474
shale and lime	2538
lime	2628
shale and shells	2708
lime	2738
shale and shells	2755
SLM Corr. 2755 equals 2764	
lime and shale	2844
lime	3048
lime and shale	3102
lime	3134
lime and shale	3147
lime	3167
shale	3193
shale a nd lime	3213
sand lime and shale	3227
conglomerate	3246
lime cored	3248
SLM corr. 3248 equals 3247	
lime	3253
Total Depth.	

Top of Erosional siliceous 3243 (Corr)
Top of Solid siliceous 3246 (Corr)

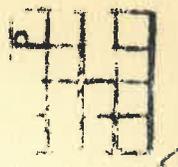
EMPIRE OIL & REFG.
Janssen No. 9-A.

SEC. 3 T. 18 R. 8W
SW NW NW
879' S 330' E of NW Cor.

Total Depth. 3281'
Comm. 2-8-37 Comp. 3-9-37
Shot or Treated. 3000, 3000, & 2000 Gals.
Contractor. E.J. Shaffer Drlg. Co.
Issued. 5-8-37

County. Rice

CASING:
10" 204'
7" 3256'



Elevation. 1715

Production. Pot. 290 B.O.
1% wtr 24 hrs.

Figures Indicate Bottom of Formations.

cellar	6
shale	38
shale & shells	1290
lime	1310
lime brkn	1354
shale & shells	1617
lime brkn	1700
shale & shells	1800
lime brkn	1850
shale	1860
lime brkn	1871
shale & shells	1940
shale	2171
lime brkn	2230
shale & shells	2335
lime brkn	2562
lime	2619
lime brkn	2670
lime	2725
lime & shale	2790
lime	2865
shale	2880
lime	2908
lime & shale	2945
lime brkn	3015
lime	3150
shale & shells	3190
lime & shale	3210
lime	3220
shale	3230
lime & shale (cored)	3236
shale (cored)	3241
shale & lime (cored)	3246
shale & lime brkn (cored)	3254
lime (cored)	3259
lime	3268
SIM 3268=3268	
lime	3272
lime	3281
Total Depth.	

Top Eros. Siliceous 3243
Top Solid Siliceous 3253

200' oil in hole before acidized at 3272

800' oil in hole at 3272 after acid.
Deepened to 3281; increased 1130' in 15 hrs.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
 Union National Bk Bldg, Wichita, Kansas.

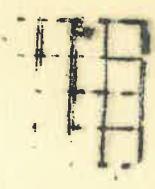
SKILES, C. E. & HINERMAN, O. F.
 Edwards No. 1.

SEC. 3 T. 18 R. 8W
 NW 1/4 NW 1/4

Total Depth, 3282'
 Comm. 11-26-35 Comp. 1-15-36
 Shot or Treated.
 Contractor.
 Issued, 4-4-36

County, Rice

CASING.
 10" 295' UA 770'
 8" 2465' UD 3095'
 6" Liner 3181'
 5" Liner 3278'



Sat.
 K.C. 2843
 Cong 3211
 Sil 3277

Elevation, 1782

Production, Pot. 500 bbls.

Figures Indicate Bottom of Formations,

soil	30	lime	1735	lime	2844
yellow	45	shale brown	1740	lime grey EC	2845
blue	58	lime	1750	lime	2850
shelly	65	red rock	1755	lime broken	2855
shale blue	75	lime	1785	lime	2870
red rock-show of wtr	85	red rock	1790	lime grey	2875
sand HFW	115	lime	1820	shale blue	2877
red rock	125	shale	1835	lime grey	2890
shale blue	240	lime	1875	lime	2897
sand	245	shale blue	1880	shale black	2899
shale blue	275	lime	1935	lime	2900
shale light	295	shale dark	1970	lime hard	2910
shale blue	335	shale	1975	lime broken	2940
lime grey	345	lime	1980	lime grey	2955
shale blue	355	shale	1995	lime	2968
lime grey	360	lime	2005	shale (2FW)	2970
red rock	395	shale	2015	lime (2985
lime brown-3 1/4 BW	403	lime	2020	lime brown	2990
red rock	445	shale	2045	lime brown hard	3000
shale blue	490	sand	2060	lime dark	3015
red rock	635	red rock	2070	shale	3019
shale blue	674	shale	2135	lime	3025
grey lime broken	678	lime brown	2145	lime grey	3035
shale blue -BW 785-855		lime hard	2165	lime brown	3040
salt	870	shale	2195	lime broken	3050
salt & shale	1035	lime grey	2225	lime dark	3055
salt	1085	shale blue	2235	lime broken	3065
shale blue	1105	lime	2265	lime	3088
lime grey	1110	shale	2275	shale blue	3093
shale blue	1120	lime	2280	lime grey	3095
grey lime broken	1125	shale	2340	lime hard dark	3098
shale blue sholly	1140	lime grey	2365	lime	3115
lime grey	1155	shale blue	2385	lime dark soft	3127
lime	1160	lime white	2395	lime grey	3145
shale	1170	lime	2415	lime bottom K C	3165
lime hard	1180	shale FW	2450	shale	3170
shale light	1200	lime	2465	lime & shale	3175
lime	1235	shale	2475	shale	3190
shale light	1245	lime	2480	red rock	3193
lime grey	1260	correction 2400-2465		lime	3196
lime brkn	1275	shale dark	2480	red rock	3200
shale	1300	lime	2555	lime	3208
lime brkn	1350	shale dark	2570	red rock	3211
red rock	1365	lime&shale broken	2575	conglomerate	3248
lime white	1485	lime	2605	shale green	3278
1/8 BW 1415' 1 1/2 BW 1475'		lime broken	2625	lime	3282
lime	1505	lime	2650	Total Depth	
shale blue	1520	lime brown	2680		
red rock	1525	lime	2705	Oil between 3273' & 3278'	
lime	1535	lime grey	2714	1st show oil 3277 - 125'	
shale	1545	slate blue	2728	77-79 - 250'	
lime&broken shale	1610	lime grey	2730	79-80 - 450'	
grey lime-gas	1635-1640	lime	2735	80-81 - 2400 - 3 1/2 hrs.	
shale dark	1645	shale	2750	2460 -	
lime white hi	1655	sandy lime	2758	- 2800	
red rock	1665	shale blue	2775	5 hrs.	
lime	1680	lime brown	2780		
shale	1690	lime	2790		
lime	1700	shale	2825		
shale	1710	lime	2830		
lime broken	1725	shale & lime shells	2843		

3278
 1782
 -1496
 3182
 2843
 1782
 1061

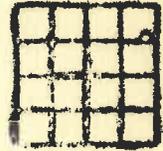
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bank Bldg, Wichita, Kansas.

C.H. WEAVER ET AL.
Strong No. 1.

SEC. 4 T. 18 R. 8W.
SE NE NE
990' NL 330' EL NE $\frac{1}{2}$

Total Depth. 3258 equals 3257
Comm. 7-5-39 Comp. 12-13-39
Shot or Treated. 1000 acid.
Contractor.
Issued. 1-27-40

County. Rice.



CASING.
15" 212' 7" 3251'
12" 390'

Elevation.

8" 2947 UR 2982

Production. Pot. 1637 B.
Echometer.

Figures Indicate Bottom of Formations.

surface	8	lime	1535	shale	2703
shale	25	shale	1550	lime	2735
red rock	75	lime	1570	shale	2740
sand	190	shale	1572	lime	2755
HFW 80-100		lime	1580	shale	2770
shale	195	shale	1585	shale	2819
sand	200	lime	1595	lime	2825
shale	225	shale	1598	shale	2830
shale	235	red rock	1605	lime	2835
sand	250	lime	1625	shale	2845
6 BW 235-50		shale	1630	lime	2960
shale	265	lime	1640	lime	2970
sand	280	shale	1645	lime sand	2980
9 BW 265-80		red rock	1650	small sh oil	2875-85
shale	340	lime	1660	lime	3008
red rock	389	shale	1665	HFW 2940-50	
lime	403	lime	1680	shale	3015
shale	405	shale	1685	lime	3048
red rock	630	lime	1689	$1\frac{1}{2}$ BW 3030-40	
shale	698	shale	1695	shale	3050
red rock	735	red rock	1700	lime	3145
shale	851	lime	1710	shale	3183
salt	854	shale	1715	lime	3200
shale	960	lime	1735	red rock	3218
salt	1080	red rock	1745	sand	3224
shale	1105	lime	1815	show oil	3218-24
lime	1110	shale	1825	Variegated shale	3232
shale	1115	lime	1830	conglomerate	3247
lime	1130	shale	1835	lime	3258
shale	1140	lime	1904	3258 equals 57 SIM	
lime	1145	shale	1910	Total Depth.	3257
shale	1150	lime	1920		
lime	1165	shale lime	1930	600' oil 3 hours.	
shale	1170	shale	1960	Swabbed 50 BO per day	
lime	1175	lime	1975	1000 gal acid.	
shale	1180	shale	1990	swabbed 220 BO 2 hours.	
lime	1195	red rock	1998		
shale	1200	lime	2010		
lime	1205	shale	2015		
shale	1210	lime	2020		
broken lime	1250	shale	2025		
lime	1275	lime	2065		
shale	1280	shale	2125		
lime	1285	lime	2155		
shale	1290	shale	2190		
lime	1345	lime	2210		
red rock	1360	shale	2215		
lime sh gas 1405	1460	lime	2220		
shale lime	1475	shale	2225		
shale	1480	lime	2260		
$\frac{1}{2}$ BW 1435		no log	2315		
sand	1490	shale	2345		
2 BW 1460-70		lime	2405		
lime	1500	shale	2434		
3 BW 1480-90		lime	2530		
shale	1507	shale	2535		
red rock	1515	lime	2698		

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

C.C. NELSON DRILLING CO.
Skiles No. 1.

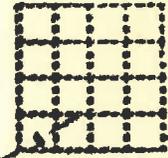
SEC 8 T. 18 R. 8 W
CS $\frac{1}{2}$ SW SW

Total Depth. 3020
Comm. 12-1-41 Comp. 12-11-41
Shot or Treated.
Contractor. C.C. Nelson Drilling Co.
Issued. 1-3-42

County Rice.

CASING.

10" 109' surface



Elevation.

Production. DRY.

Figures Indicate Bottom of Formations

surface	75
reaming surface hole	107
shale and shells	135
sticky shale	330
red bed	370
anhydrite	425
shale	725
red bed & shale	1080
shale	1095
lime	1210
lime charp	1270
lime and shale	1350
lime and shale	1531
lime and shale	2025
shale and shells	2150
shale and lime	2283
shale	2370
lime	2465
lime and shale	2490
lime	2515
lime and shale	2555
lime	2616
lime and shale	2823
shale and shells	2875
lime and shale (K.C. Lansing	
lime *	2878
K.C. lime	2888
Coring Hard and dry	2896
coring 8' Rec. hard lime	2898
Coring 7 ft Rec. (Lime	
core) por. & Dry	2907
K.C. lime	2980
soft break	2987
lime	3020

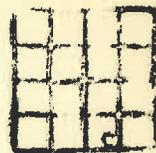
Total Depth.

EMPIRE OIL & REFG.
 Batterton No. 1.

SEC. 11 T. 18 R. 8W
 SE SW SE
 1003.8' E 330' N of S/4 Cor.

Total Depth. 3270'
 Comm. 1-11-37 Comp. 2-16-37
 Shot or Treated. 2000 Gals. 2-18-37
 Contractor. E.J.Shaffer
 Issued. 5-1-37

County. Rice



CASING:
 13" 205'
 7" 3216'
 5 3/16" 3248'

Elevation. 1757

Production. Pot. 268 B.

Figures Indicate Bottom of Formations. No wtr, after acid.

cellar	8
shale	110
sand & shells	145
shale & shells	1085
shale	1095
lime	1160
shale & lime	1272
lime	1322
shale	1342
lime	1357
lime & shale	1438
lime	1500
shale & lime	1530
lime	1553
lime brkn	1750
shale & shells	1865
lime	1880
shale	1940
lime	2055
lime brkn	2148
lime	2217
lime & shale	2350
lime	2595
lime & shale	2770
shale	2789
lime	2800
shale & lime	2805
shale	2822
lime	2844
lime(honey coned)	2847
lime hrd (corod)	2857
lime cored	2880
shale & lime	2899
lime	2914
oolitic lime	2950
lime	2998
lime & shale	3045
lime	3136
lime & shale	3175
lime	3189
conglomerate	3194
lime	3195
conglomerate(cored)	3202
conglomerate	3212
brkn lime	3214
conglomerate	3219
lime	3220
lime (cored)	3222
SIM Corr. 3222-3218	
conglomerate	3246
lime	3248
S.O. at 3248	
chert	3251
lime med	3255
lime hrd	3265
lime	3270
Total Depth.	

200' oil in hole before acid.

Top Oswald 2822
 Top Siliceous 3246

3246
 1757
 -1489

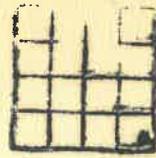
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY,
412 Union National Bank Bldg, Wichita, Kansas.

CITIES SERVICE OIL CO.
Batterton No. 2

SEC. 11 T. 18 R. 3W.
SE o SE

Total Depth. 3245.
Comm. 6-19-38 Comp. 7-9-38
Shot or Treated.
Contractor. Horndon Drlg.
Issued. 9-3-38

County Rice.



CASING.

103/4" 210' 7" 3209'

Elevation. 1755

Production. Pot. 729 B.
after acid.

Figures Indicate Bottom of Formations.

surface soil	6
shale and sholls	760
salt	1000
shale and limo	1190
broken limo	1405
sdv limo	1425
broken limo	1745
shale and sholls	2115
limo	2145
shale and sholls	2400
limo	2635
shale	2790
limo	2910
limo soft	2944
limo	3180
conglomerate	3215
limo cored	3218
Top Siliceous limo	3207
Corr. (Top Sil.	3211
limo hard	3233
limo	3245

3211
1755
-1456

Total Depth.

500'	4 P.M.
700'	7:45 P.M.
1400'	6:00 A.M.
1880'	9:00 A.M.
2180'	3:00 P.M.

Top Siliceous	3211
Pen	34'
T.D.	3245

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

CITIES SERVICE OIL CO.
Batterton No. 3.

SEC. 11 T. 18 R. 8W
CNL SE SE
990'N 660'W of SE Cor.

Total Depth. 3275'
Comm. 4-24-41 Comp. 5-4-41
Shot or Treated. None
Contractor. Hissom Drlg. Co.
Issued. 6-21-41

County. Rice



CASING:
8 5/8" 205' Cem.

Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

shale & shells	0-205
shale & red bed	855
shale & shells	940
salt & shale	1070
shale, anhydrite, lime	1120
shale & lime	1230
lime shells, shale	1438
lime & shale	1750
shale	1955
shale & lime	2180
lime shells, shale	2465
lime brkn	2628
lime	3125
shale	3173
lime	3211
brkn shale, chert	3252
shale & chert	3267
lime	3275
Total Depth.	

Top Solid Arbuckle 3263
Penetration 12

Fair porosity & saturation 3270-75
5-5-41 Halliburton drill
stem test made 275' fluid
(150' oil & 125' wtr) in
40 minutes; analysis indicated
Arbuckle wtr

CITIES SERVICE OIL CO.
Lewis No. 1.

SEC. 11 T. 18 R. 8W
SW SE NE
330' N 1010.8' W of E/4 Cor.

Total Depth. 3257'
Comm. 3-8-38 Comp. 3-26-38
Shot or Treated. 3000 Gals.
Contractor. Herndon Drlg. Co.
Issued. 4-23-38

County. Rice

CASING:
10" 210'
7" 3232' SLM



Elevation. 1767

Production. Pot. 1300 B.
No wtr. after acid.

Figures Indicate Bottom of Formations.

surface soil & clay	70
shale & shells	820
salt	1015
shale & lime	1095
brkn lime	1300
shale & shells	1400
sand	1435
lime	1450
shale & shells	1480
brkn lime	1660
shale & shells	1700
brkn lime	1800
shle & shells	1915
shale, shells, & brkn lime	2050
shale & shells	2367
lime	2695
shale & shells	2800
lime	2924
K.C. brook	2950
lime	3188
sand	3211
shale green	3224
shale	3228
lime	3229
Arbuckle lime (sored)	3232
SLM Corr	3232 = 3235
Arbuckle	3251
fair to poor porosity	
Arbuckle	3252
med hrd 10% porosity w/ stain	
Arbuckle	3255
med sft 40% porosity sat.	
Arbuckle	3257
med hrd lgt por. & sat.	
Total Depth.	

3229
1767

1462

Top Arbuckle 3231 SLM
Pen. 26'
T.D. 3257

Fillup: 2100' in 12 hrs at 3251
2800' in 22 hrs at 3257

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg., Wichita, Kansas.

CITIES SERVICE OIL CO.
Lowis No. $\frac{1}{2}$

SEC 11 T. 18 R. 8W.
SE₄ NE
330' N. 330' W E $\frac{1}{4}$ cor.

Total Depth. 3243
Comm. 5-5-39 Comp. 5-27-39
Shot or treated. 2000 gals.
Contractor. J. B. Maboo.
Issued. 7-22-39

County Rice.



CASING.

103/4" 241'
65/8" 3235'

Elevation.

Production. Pot. 1273 B.
no wtr.

Figures Indicate Bottom of Formations.

clay	140
sand shells and shalo	252
sand and shells	270
rod bod and shalo	300
limo	321
rod bod	392
rod bod shalo and shells	727
shalo limo shells	965
lime	1078
broken lime	1220
salt	1248
salt shale and shells	1295
shale and lime	1460
shale	1505
lime	1540
lime and shale	1560
lime	1610
lime and shale	1946
shale and shells	2294
lime and shale	2352
shale and shells	2398
lime	2509
shale and lime	2789
lime	2835
lime and shale	2910
shale	2921
sand	2942
lime and shale	3020
limo	3190
sdv shale	3202
limo	3205
lime and shalo	3225
shalo	3233
limo	3234
Top Arbucklo	3233
T.D. rotary	3234 equals 3236 SLM
Top Arbucklo	3235 Corr.
limo	3243
Total Depth.	

Top Arbucklo 3235 Corr.
Penetration 8

Pay 3237-3240

Fill up 1000' in 1 hr 45 min.
1650' 2 $\frac{1}{2}$ hrs.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CITIES SERVICE OIL CO.
Ross No. 1.

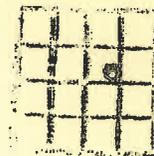
SEC. 11 T. 18 R. 8 W.
SE SW NE
330' N 330' W of S1/16 cor
NE $\frac{1}{4}$

Total Depth. 3258
Comm. 4-22-38 Comp. 5-14-38
Shot or Treated. 3000 gal.
Contractor. J. E. Mabee.
Issued. 6-18-38

County Rice.

CASING.

103/4" 215' 7" 3227'



Elevation. 1768

Production. Pot. 382 $\frac{1}{2}$ B.
Trace water.

Figures Indicate Bottom of Formations.

surface	170
red bed	215
sticky shale	285
shale and shells	770
shale and salt	970
anhydrite	1000
shale and lime	1618
shale and sand	1718
lime and shale	1925
shale	2204
shale and lime	2336
broken lime	2560
lime	2605
broken lime	2673
lime hard	2689
lime and shale broken	2718
shale	2755
shale and broken lime	2840
broken lime	2920
lime and shale	3021
lime	3120
lime and shale broken	3170
shale and lime broken	3200
shale and lime	3228
SIM corr. 3229-3226	
cored 3226-3229 2 $\frac{1}{2}$ Rec.	
Light sat. in part.	
lime	3258
Total Depth.	

3226
1768
-1458

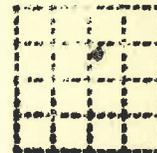
Top Arbuckle	3226	Fill up.
Pen	32'	900' in 5 hrs.
		1425 in 11 hrs.
		1800 in 21 $\frac{1}{2}$ hrs.
Pay 3243-52		

CITIES SERVICE OIL CO.
 Ross No. 2.

SEC.11 T.18 R.8W
 NW SW NE
 990'N 333'E of Center

Total Depth. 3267'
 Comm. 6-1-41 Comp. 6-18-41
 Shot or Treated.
 Contractor. Hissom Drig.Co.
 Issued. 8-23-41

County. Rice



CASING:
 8 5/8" 250' Cem.
 5 1/2" 3246' Cem.

Elevation.

Production. Pot.300 B.Phy.
 No wtr

Figures Indicate Bottom of Formations .

red bed, shale, shells	215
shale & shells	250
shale & red bed	650
shale & shells	868
salt & shale	1045
salt & lime shells	1080
shale & shells	1190
lime shells & shale	1254
lime brkn	1304
shale & lime brkn	1580
lime	1607
brkn lime & shale	1782
lime & shale brkn	1948
shale & lime shells	2113
brkn lime & shale	2235
lime & shale brkn	2400
lime & shale brks	2495
lime	2540
brkn lime & shale	2568
lime	2649
lime brkn	2692
shale & shells	2711
lime	2726
shale & lime shells	2763
brkn lime & shale	2799
shale	2845
lime	2877
lime brkn	2979
lime	3155
shale	3218
conglomerate	3245
Arbuckle lime	3246
dolomite cored(rec.5')	3251
dolomite cored(rec.3')	3254
3254 Rot.T.D.=3251 SLM	
dolomite	3267
Total Depth.	

Corr. Top Arbuckle 3242
 Penetration 25

Fillup:

400' oil in 3 1/2 hrs at 3255
 700' oil in 5 hrs at 3259
 1200' oil in 8 1/2 hrs at 3262
 1600' oil in 12 hrs at 3267

Pumped 191 oil, no wtr, 17 1/2 hrs
 Physical potential: 300 oil, no
 wtr, 24 hrs.

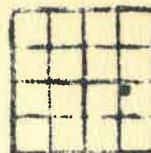
1000 Gals.6-19-41
 2000 Gals.6-20-41

CITIES SERVICE OIL.
Zajic No. 1.

SEC. 11 T. 18 R. 8W
NW NE SE
330'S 1006'W of E/4 cor.

Total Depth. 3224'
Comm. 1-30-38 Comp. 2-23-38
Shot or Treated.
Contractor. Corbett & Barbour
Issued. 4-2-38

County. Rice



CASING:
10⁵/₄" 207'
7" 3218' SLM

Elevation.

Production. Pot. 1332 B.
No wtr., Nat.

Figures Indicate Bottom of Formations.

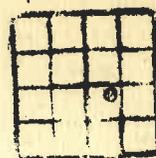
clay	30	Top Arbuckle 3217 SLM
shale & shells	320	Penetration 7'
anhydrite	335	T.D. 3224
shale & shells	795	
salt	840	
shale & shells	946	Fillup
brkn lime	958	2300' oil in hole in 45 min.
anhydrite	1000	2700' oil in hole in 1 ¹ / ₄ hrs.
lime	1025	2900' oil in hole in 2 ¹ / ₄ hrs.
shale & shells	1234	3050' oil in hole in 4 ¹ / ₂ hrs.
brkn lime	1293	pay 3218 ¹ / ₂ -24 SLM
shale & lime	1388	
shale	1398	
sand	1415	
shale & shells	1526	
brkn lime	1558	
shale & lime	1636	
shale & shells	1731	
shale & limo shells	1818	
shale & shells	2295	
lime	2368	
brkn lime & shale	2425	
lime	2557	
brkn lime	2635	
lime	2680	
brkn lime	2710	
shale & shells	2740	
brkn limo	2770	
lime	2840	
K.C. lime	2891	
brkn lime	2897	
limo	2913	
brkn lime	2940	
lime	2960	
SLM Corr. 2960 equals 2956		
lime	3165	
conglomerate	3203	
shale green	3208	
lime	3212	
fair to good porosity and sat 3208-3212		
SLM Corr 3212 equals 3222		
lime	3224	
Total Depth.		

CITIES SERVICE OIL CO.
 Zajic No. 2.

SEC. 11 T. 18 R. 6W
 NE NW SE

Total Depth. 3275'
 Comm. 6-1-38 Comp. 8-21-38
 Shot or Treated.
 Contractor. Herndon Drlg.Co.
 Issued. 11-26-38 Rotary 3275
 Cable 3275-75

County. Rice



CASING:

10 $\frac{3}{4}$ " 214'
 6 $\frac{1}{4}$ " 3262'
 30' of 5" OD bailer tube at 3262'
 356'2" of 5" OD welded liner at 3261'

Elevation.

Production. Pot. 554 B.
 No wtr.

Figures Indicate Bottom of Formations.

surface soil	55	set whipstock at 3097	
shale & sand	216	second whipstock 3023	
shale & shells	800	out of pipe at 3038	
salt	1000	lime	3042
shale & shells	1120	lime & cement	3065
lime	1285	lime	3145
brkn lime	1385	shale(caving)	3155
sand	1415	lime	3160
brkn lime	1625	chert & shale(caving)	3200
lime & shale	1750	conglomerate	3212
shale & shells	2030	conglomerate & chert	3235
brkn lime	2205	lime	3258
shale & shells	2335	top erosional Arbuckle	3237?
shale & lime	2435	top solid Arbuckle	3241?
lime	2715	total depth	3258
shale	2750		
shale & shells	2800	3258 rotary T.D. = 3261 SLM	
brkn lime	2835	C.O. sand to 3275 T.D.	
lime	2915		
lime sft	2950	Top Lansing	2835
lime	3180	Top Erosional Arbuckle	3243
conglomerate	3243	Top Solid Arbuckle	3249
top erosional Arbuckle	3243		
lime, shale & chert (core)	3248		
shale & lime	3250		
top solid Arbuckle	3249		
cherty lime (core)	3258		
lime (cored)	3275		
Total Depth.			

Halliburton drill stem test
 obtained 650' oil and mud;
 lost hole at 3275'

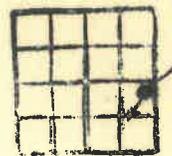
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bank Bldg, Wichita, Kansas.

CITIES SERVICE OIL CO.
Zajac No. 3

SEC. 11 T. 18 R. 8W.
NE 1/4 SE
330° S 330° W E 1/4 cor.

Total Depth. 3288
Comm. 6-16-39 Comp. 7-11-39
Shot or treated.
Contractor H.B. Mabee
Issued. 8-19-39

County Rice.



CASING. Rotary 3255
Cable 3288

103/4" 250'
5 1/2" 3250'

Elevation.

Production. DRY.

Figures Indicate Bottom of Formations.

surface clay	40
shale	130
shale and shells	250
shale and red bed	310
lime	335
shale and shells	805
salt and shale	920
shale and shells	950
lime	1090
shale and lime shells	1170
lime broken	1270
broken lime	1350
lime and shalo	1482
lime broken	1568
lime and shale	1736
lime	1741
shale and shells	1815
shalo and lime	2052
shale and shells	2203
shalo	2297
lime broken	2343
shale	2393
shalo and lime	2446
lime broken	2498
shale and lime	2617
lime broken	2827
shalo	2846
lime	2888
lime broken	2927
lime	3136
broken lime	3188
lime	3229
lime and shale	3240
shale	3252

Top Arbuckle 3251
core 3252-58 5 1/2' rec. dolomite
lime 3258
T.D. rotary 3258 equals 3255 S.L.M.
lime 3288
Total Depth.

Top Arbuckle 3248 Corr.
Penetration 40
Total Depth 3288

Top K.C. 2832

2846-52 fair porosity & stain to sat.
2980-09 poor to fair
2927-58 fair to good por. no sat.
3127-33 crystalline, poor porosity
good sat.

1 bailer water 3286-88
Rotary tools 3255
cable tools 3288

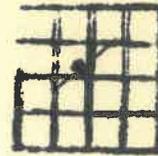
CONTINENTAL OIL CO.
 F. E. Fuller No. 1.

SEC. 12 T. 18 R. 8W
 SEC NW

DEEPENING RECORD

Total Depth. 3965'
 Comm. 4-16-37 Comp. 5-11-37
 Shot or Treated.
 Contractor.
 Issued. 6-6-42

County. Rice



CASING:
 15" 197'
 7" 3244'

Elevation. 1733

Production. Dry

Figures Indicate Bottom of Formations.

3244
 1733
 -1511

soil sand & shale	160	lime wh	3470
shale	195	lime gy	3604
shale & shells	785	lime gy hd	3612
salt	950	lime gy	3675
shale & shells	1100	lime lgt	3685
brkn lime	1333	lime wh	3695
brkn lime & sand	1410	lime lgt	3700
shale & shells	1530	lime wh	3724
lime	1565	lime brown	3754
shale	1610	lime gy	3763
shale & shells	2025	lime brown	3795
shale	2120	sand gy	3834
brkn lime	2330	sand brown hd	3840
lime	2355	lime hd	3845
brkn lime	2415	red rock	3850
lime	2600	lime sdy	3854
brkn lime	2610	lime sdy	3926
lime	2681	sand red	3935
shale	2702	sand	3959
brkn lime	2762	sand red	3965
lime	2815	Total Depth.	
shale	2825		
lime	2872		
shale	2880		
lime	2900		
shale & shells	2924		
lime	2958		
brkn lime	2968		
lime	3020		
brkn lime	3044		
lime	3120		
shale	3130		
brkn lime	3160		
chert	3163		
brkn lime	3180		
conglomerate	3227		
shale	3250		
lime	3254		
Total Depth.			

Ran 8 Jts. 182' of 5 1/2" osg
 for liner. Top of liner
 3210' btm of liner set @
 3390-Cemented

After drlg to a T.D. of 3254
 the hole had filled up
 2600' w/wtr, 7 sacks of
 cement was then dumped &
 well was left standing.
 4-20-38 work was started
 on the well to drill deeper
 for a salt wtr input well
 5-31-38 on a 38-minute wtr
 test the well took 409 BW
 A liner was then set & cem.
 w/20 sacks cement, the cem.
 was then drld on a second
 wtr test the well took 413
 BW in 46 minutes.

3248-3252 Hole filled 1500' with
 water - trace oil.
 3252-3254 Hole filled 2600' with
 water.

Top Siliceous lime 3244.

DEEPENING RECORD:

Comm. 4-20-38 Comp. 6-9-38
 Input Well

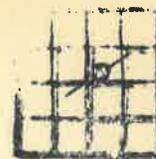
lime (cemented back)	3250-3254
lime blue	3250-3270
lime	3279
lime gy	3303
lime sdy	3308
lime	3327
lime brown	3365
lime gy	3442

CONTINENTAL OIL CO.
F. E. Fuller No. 2.

SEC. 12 T. 18 R. 8W
SWc NE

County. Rice

Total Depth. 3275' Corr.
Comm. 6-10-37 Comp. 6-23-37
Shot or Treated.
Contractor.
Issued. 8-21-37



CASING:
13" 209'

Elevation. 1745

Production. Dry

Figures Indicate Bottom of Formations.

surface clay	40
shale & shells	120
shale & sand	209
shale & shells	355
shale & red rock	693
shale & shells	785
salt	985
shale & shells	1180
lime	1200
brkn lime	1280
shale & shells	1397
sdv lime	1428
lime	1488
brkn lime	1630
shale & shells	1716
lime	1766
brkn lime	1787
shale	1889
shale & shells	2195
shale	2270
lime	2291
brkn lime	2337
lime	2615
shale & shells	2818
brkn lime	2838
shale & shells	2858
lime	3185
conglomerate	3270
lime	3277

3277 equals 3275 Correction.

Total Depth.

Cored 3270-3275 5' Rec.
Slight sat. of oil
and plenty of salt
water.

Dry & Abnd.

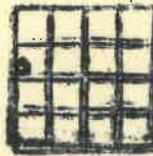
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk. Bldg. Wichita, Kansas.

CONTINENTAL OIL COMPANY
F. E. Fuller No. 3

SEC. 12 T. 18 S. R. 8 W.
SW c- NW
330' N & 330' E of W $\frac{1}{2}$ cor.

Total Depth 3246' P.B. 3221
Comm. 3-3-39 Comp. 3-18-39
Shot or Treated 4000 gals.
Contractor
Issued 7-1-39

County Rice.



C A S I N G.

10 3/4" 215'
7" 3237'

Elevation.

Production. Pot. 953. B.
No wtr.

Figures Indicate Bottom of Formation.

Surface soil	215
Shale and Shells	700
Salt	765
Shale and shells	910
Salt and gyp	980
Shale and shells	1470
Shale and lime	1630
Broken lime	1770
Shale and lime	1860
Shale and shells	2400
Lime	2703
Shale	2730
Shale and shells	2795
Lime	3005
Broken Lime	3075
Lime	3185
Shale	3200
Lime	3246
TOTAL DEPTH	3246'

Plugged back to 3221'
Cement drilled out to 3241'

Swb. 103 bbls. Oil, swabbing to bottom.

Swb. from bottom, 30 Bbls. -
3 hours. No water.

Top Arbuckle 3235'

Drilled plug 2500' oil

Swab 126 bbls oil in 4 hrs and
swabbed down.

3-28-39 acidized with 4000 gal acid.

3-31-39 Pumped 317 bbls oil and
475 bbls water in 8 hrs.

953 bbls oil and 1425 bbls wtr
in 24 hours - Pot.

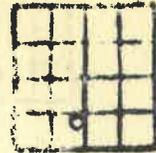
Plugged back to 3221
Cement drilled out to 3241

CONTINENTAL OIL CO.
A. H. Johnson No. 1.

SEC. 12 T. 18 R. 8W
NE SE SW

Total Depth, 3243'
Comm. 7-30-37 Comp. 9-1-37
Shot or Treated, 4000 Gals.
Contractor.
Issued, 12-4-37

County, Rice



CASING:
10 3/4" 215'
7" 3167'

Elevation, 1752

Production, Pot. 1859 B.

Figures Indicate Bottom of Formations.

surface clay, sand & shale	215
shale & shells	700
salt	990
shale & shells	1350
brkn lime	1560
shale & shells	2020
shale	2157
shale & shells	2370
lime	2695
shale & shells	2765
lime	2888
brkn lime	2909
lime	3132
sand & shale	3175
Top Siliceous lime	3165
lime	3243
Total Depth,	

3165
1752

1413 AEB

500' oil in hole 3184

Pumped 155.44 bbls 1st 4 hrs)	
Pumped 109.98 bbls 2nd 4 hrs)	at 3193
Pot. 659 bbls.)	
Acidized with 4000 gals.)	
Pumped 309.86 bbls 1st 4 hrs)	at
Pumped 315 bbls 2nd 4 hrs)	3243 T.D.
Pot. 1859 bbls 24 hrs.)	

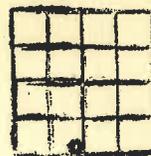
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412 Union National Bk Bldg., Wichita, Kansas.

CONTINENTAL OIL CO.
A. H. Johnson No. 2.

SEC. 12 T. 18 R. 8W
SEc SW
330' N 330' W S/4 Cor.

Total Depth. 3240'
Comm. 2-1-38 Comp. 3-2-38
Shot or Treated. 2000 Gals.
Contractor.
Issued. 5-28-38

County. Rice



CASING:
10^{5/4}" 225'
7 " 3160'

Elevation.

Production. Pot. 2837 B.

Figures Indicate Bottom of Formations.

cellar	8
surface soil & shale	100
sand & shale	225
shale & shells	775
salt	980
shale & shells	1085
shale & lime	1265
brkn lime	1380
sand	1405
brkn lime	1845
shale & shells	2135
lime	2155
shale	2253
brkn lime	2360
lime	2665
shale	2685
shale & shells	2792
lime	3110
brkn lime	3143
sand	3150
conglomerate	3158
shale green	3161
Top Siliceous lime	3159
Siliceous lime	3240
Total Depth.	

Pumped 483 B. 1st 4 hrs.
Pumped 472 B. 2nd 4 hrs.
Pumped 2837 B. 24 hr Pot.

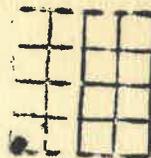
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412 Union National Bank Bldg., Wichita, Kansas.

CONTINENTAL OIL CO.
A.H. Johnson No. 3.

SEC. 12 T. 18 R. 8W.
SWc SW
330' N 330' E of SWc

Total Depth, 3240
Comm. 7-29-38 Comp. 8-30-38
Shot or Treated, 1000, 2000, 3000, Gal acid.
Contractor,
Issued, 10-15-38

County Rico.



CASING.

103/4" 226' 7" 3213'

Elevation.

Production, Pot. 1033 B.

Figures Indicate Bottom of Formations.

surface and shale	226	
shale and shells	700	
salt	990	
shale and shells	1395	
sand	1420	
shale and shells	1500	
broken lime	1790	
shale and shells	1915	
shale	2000	
shale and shells	2285	
broken lime	2340	
shaly shale	2365	
lime	2650	
broken lime	2670	Top Arbuckle 3212
shale and shells	2830	1st show oil 3224 300' oil 6 hours.
lime	3183	
conglomerate	3205	
shale	3214	
Arbuckle lime	3240	
Total Depth.		

8-13-38 Bailing rest the well made $\frac{1}{2}$ B.W. every two hours.
8-14-38 Cement was drilled to 3237 and tested for water. No wtr.
8-22-38 acidized with 1000 gal acid.
8-23-38 Pumped 135 bbls oil no water 4 hours.
8-24-38 Acidized with 2000 gal acid.
8-25-38 Pumped 218 bbls oil no water 6 hours.
8-26-38 acidized with 3000 gal acid.
8-27-38 Pumped 209 bbls oil - 5 hours.
8-28-38 Pumped 344 bbls oil 8 hours giving the well a 24 hour
Potential of 1033 bbls oil no water.

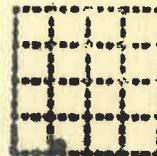
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
A. H. Johnson No. 4.

SEC. 12 T. 18 R. 8W
SW SE SW
330' N 990' W of S $\frac{1}{4}$ cor.

Total Depth. 3233
Comm. 11-26-39 Comp. 12-16-39
Shot or Treated. 2000 acid.
Contractor.
Issued. 2-24-40

County Rice.



CASING.

103/4" 216'
7" 3180'

Elevation.

Production. Pot. 13,140B.
Depth. Max. Pot. 3000B.
Figures Indicate Bottom of Formations.

Surface	20
sand	30
shale and shells	1090
broken lime	1417
lime	1503
broken lime	1688
shale and shells	1896
broken lime	2006
shale and shells	2118
broken lime	2378
lime	2665
shale and shells	2745
lime	3105
shale	3120
broken lime	3164
sand and chert congl.	3179
Arbuckle dol.	3233
Total Depth.	

Top Arbuckle lime 3191

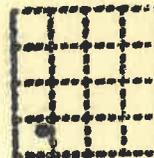
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

CONTINENTAL OIL CO.
A. H. Johnson No. 5.

SEC. 12 T.18 R.8W
NE SW SW
990' N 990' E SW Cor.

Total Depth. 3236'
Comm. 4-27-40 Comp. 5-9-40
Shot or Treated.
Contractor.
Issued. 8-10-40

County. Rice



CASING:
10 5/8" 203'
7" 3195'

Elevation.

Production. Pot. 1047 B.

Figures Indicate Bottom of Formations.

surface clay	15
shale & lime shells	206
shale & shells	830
salt	1095
shale & shells	1490
lime brkn	1759
lime	1775
shale & shells	2156
lime brkn	2335
shale & lime brkn	2407
shale	2423
lime	2509
lime brkn	2519
shale & lime	2569
shale	2575
lime brkn	2740
shale & shells	2820
lime brkn	2928
lime	3157
shale & shells	3187
shale & lime	3194
Arbuckle dolomite	3236
Total Depth.	

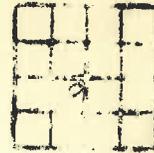
Top Arbuckle 3194
2500' oil
Acidized w/2000 Gals. Acid
Swabbed 259 BO - 9 hrs
Acidized w/3000 Gals. Acid
Pumped 349 BO - 8 hrs
Potential 1047 B. 24 hrs.

CONTINENTAL OIL CO.
Rose Michells No. 1.

SEC. 12 T. 18 R. 8W
NEc SW

Total Depth. 3212
Comm. 2-19-37 Comp. 3-17-37
Shot or Treated.
Contractor.
Issued. 5-1-37

County. Rice



CASING:
13" 212'
7" 3202'

Elevation.

Production. Pot. 1241 B.

Figures Indicate Bottom of Formations.

clay & shale	60
shale	125
sand & shale	190
shale	212
shale & shells	800
salt	1000
shale	1050
brkn lime	1155
s hale & shells	1325
brkn lime	1395
sand	1420
shale & shells	1915
shale	1950
lime	1975
shale & shells	2065
brkn lime	2135
lime	2180
shale	2215
shale & shells	2240
brkn lime	2290
lime	2325
shale & shells	2380
lime	2530
brkn lime & shale	2615
brkn lime	2675
shale	2685
brkn lime	2745
shale & shells	2815
shale	2825
lime	2899
break K C	2922
lime	3105
shale	3125
brkn lime	3170
sand & shale	3190
conglomerate	3202
Siliceous lime	3212
Total Depth.	

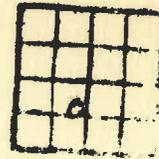
Sample Tops:
Top Kansas City 2805
Top Simpson 3195
Top Siliceous 3201

CONTINENTAL OIL CO.
Rose Micholls No. 2.

SEC. 12 T. 18 R. 8W
SE NE SW

Total Depth. 3246'
Comm. 10-2-37 Comp. 10-25-37
Shot or Treated. 4000 Gals.
Contractor.
Issued. 12-4-37

County. Rice



Elevation.

Production. Pot. 1622 B.

CASING:
10^{3/4}" 211'
7 " 3189'

Figures Indicate Bottom of Formations.

soil, red rock, shale & shells	200
shale	211
shale & shells	780
salt	990
brkn lime	1040
lime & shale	1172
brkn lime	1200
lime	1240
brkn lime	1402
sand	1426
lime & shale	1451
shale	1510
brkn lime	1850
shale	1970
shale & shells	2105
brkn limo	2222
shale & shells	2250
brkn lime	2325
lime	2425
brkn lime & shale	2435
lime	2640
brkn lime	2754
lime	3160
conglomerate	3185
sdv shale	3190
Siliceous lime	3246
Total Depth.	

Pumped 276.66 bbls 1st 4 hrs.
Pumped 270.41 bbls 2nd 4 hrs.
Potential 1622 bbls 24 hrs.

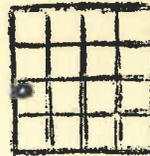
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CONTINENTAL OIL CO.
R. Michells No. 3.

SEC. 12 T. 18 R. 8W
NW^c SW
330' S 330'E W¹/₄ Cor.

Total Depth. 3247'
Comm. 4-30-39 Comp. 5-19-39
Shot or Treated. 2000 Gals.
Contractor.
Issued. 8-5-39

County. Rice



CASING:
10³/₄" 215'
7 " 3238'

Elevation.

Production. Pot. 725 Bbls.
No wtr

Figures Indicate Bottom of Formations.

shale & shells	184
shale	275
red rock	315
shale	520
shale & shells	770
shale	1015
shale & lime shells	1115
lime brkn	1195
shale & shells	1428
salt	1458
shale	1478
lime brkn	1553
lime	1580
shale & shells	1802
lime brkn	1914
shale & lime shells	2087
shale	2318
lime	2368
shale & shells	2409
lime	2720
shale	2805
lime	3194
conglomerate	3218
shale	3237
Arbuckle dolomite	3247
Total Depth.	

Top Arbuckle lime from cement
floor level 3235
Total Depth from cement floor
level 3245
Total fillup with oil 2200'

Pumped 241 BO 8 Hrs.
Pumped 725 BO 24 Hrs, no wtr

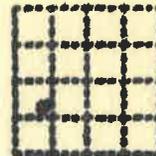
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CONTINENTAL OIL CO.
R. Michells No. 4.

SEC. 12 T.18 R.8W
SE NW SW
990' S 990' E W $\frac{1}{2}$ Cor.

Total Depth. 3247'
Comm. 5-30-40 Comp. 6-16-40
Shot or Treated. 1000 Gals. Acid
Contractor.
Issued. 8-17-40

County. Rice



CASING:
10 $\frac{3}{4}$ " 202'
7 " 3244'

Elevation.

Production. Pot. 410 B.

Figures Indicate Bottom of Formations.

surface clay & sand	28
shale & shells	202
lime brkn	208
shale & shells	970
lime brkn	1794
lime	1824
shale & shells	2316
lime brkn	2550
lime	2673
lime brkn	2778
lime	2939
lime brkn	3035
lime	3135
shale	3145
shale & shells	3185
shale & conglomerate	3242
lime Arbuckle	3247
Total Depth.	

Top Arbuckle 3242
Cored 3244-3247 rec 3'
Arbuckle lime, spotted shows
of oil

Pumped 136 BO - 8 hrs
Potential 410 Bbls 24 hrs

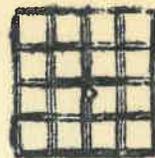
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CONTINENTAL OIL CO.
C. Wood No. 1.

SEC. 12 T. 18 R. 8W.
NW 1/4 SE

Total Depth, 3225
Comm. 4-19-37 Comp. 5-1-37
Shot or Treated.
Contractor.
Issued. 7-3-37

County Rice.



CASING.

13" 216' 7" 3221'

Elevation.

Production. Pot. 1714 B.
24 Hr. Nat.

Figures Indicate Bottom of Formations.

shale and shells	245
shale	275
clay	300
shale and shells	720
salt	1030
shale and shells	1175
shale	1200
clay	1240
shale	1325
broken lime	1605
lime	1633
broken lime	1835
broken lime and shale	1945
lime	1975
broken lime	2000
shale and shells	2132
lime	2142
shale and shells	2374
lime	2435
broken lime	2520
lime	2670
shale and shells	2810
lime	3165
sand	3185
lime	3190
shale	3194
sd lime	3202
shale	3220
lime	3225

Total Depth.

2500' oil in 2½ hours.

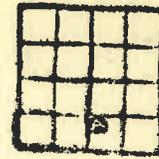
Top siliceous lime 3217

CONTINENTAL OIL CO.
C. Wood No. 2.

SEC. 12 T. 18 R. 8W
NW SW SE

Total Depth. 3240'
Comm. 9-1-37 Comp. 9-22-37
Shot or Treated. 3000 Gals.
Contractor.
Issued. 12-4-37

County. Rice



CASING:
10 $\frac{3}{4}$ " 219'
7 " 3177'

Elevation.

Production. Pot. 1777 B.

Figures Indicate Bottom of Formations.

surface clay & shale	175
shale & shells	219
shale & red rock	690
shale & shells	775
salt	980
brkn lime	1390
sand	1410
brkn lime	1445
lime	1555
brkn lime	1590
lime & shale	1715
brkn lime	1775
shale	2055
shale & shells	2205
brkn lime	2300
lime	2687
shale	2720
brkn lime	2735
shale & shells	2760
lime	2815
brkn lime	2932
lime	3160
sdv shale	3179
lime	3240
Total Depth.	

Pumped 343.29 bbls 1st 4 hrs.
Pumped 296.20 bbls 2nd 4 hrs.
Pot. 1777 bbls 24 hrs.

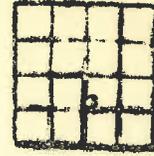
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CONTINENTAL OIL CO.
C. Wood No. 3

SEC. 12 T. 18 R. 8W.
SW NW SE
990' S and 330' E of Center

Total Depth. 3235
Comm. 11-22-37 Comp. 12-19-37
Shot or Treated. 2000 gal
Contractor.
Issued. 3-5-38

County Rice.



CASING.

103/4 209'
7" 3175'

Elevation.

Production. Pot. 2028 B.

Figures Indicate Bottom of Formations.

surface	209	
shale and shells	850	
salt	1000	
shale and shells	1040	
shale and lime	1400	
broken lime	1525	
broken lime and shale	1675	
shale and shells	2330	
shale	2350	
lime	2665	
shale and shells	2817	
Kansas City lime	3155	Top of Arbuckle lime 3174
conglomerate	3170	
shale green	3176	
siliceous lime	3179	show oil
lime	3235	

Total Depth.

Pumped 361 bbls 1st 4 hours.
" 338 bbls 2nd 4 hours.
" 2028 bbls 24 hour potential.

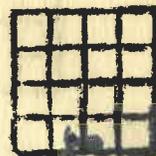
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CONTINENTAL OIL CO.
C. Wood No. 4.

SEC. 12 T. 18 R. 8W
SW $\frac{1}{4}$ SE
330'N 330'E S $\frac{1}{4}$ Cor.

Total Depth. 3247'
Comm. 1-28-38 Comp. 2-22-38
Shot or Treated. 2000 Gals.
Contractor.
Issued. 2-4-39

County. Rice



CASING:
10 $\frac{3}{4}$ " 224'
7 " 3196'6"

Elevation.

Production. Pot. 2952 B.
No water

Figures Indicate Bottom of Formations.

sand & shale	205
clay & shale	224
shale & shells	725
salt	1050
shale & shells	1130
brkn lime	1695
lime & shale	1815
shale & shells	2360
lime	2515
brkn lime	2668
shale & shells	2790
lime	3130
brkn lime	3150
shale	3158
sand	3164
shale	3185
shale, sand & lime	3199
lime	3247
Total Depth.	

Top Arbuckle 3195

Pumped 500 B. 1st 4 hrs.
Pumped 492 B. 2nd 4 hrs.
Pumped 2952 B. - no water
24-hr potential

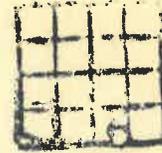
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CONTINENTAL OIL CO.
C. Wood No. 5.

Sec 12 T. 18 R. 8W.
SE SW SE
330' N and 990' E of S $\frac{1}{4}$ cor.

Total Depth, 3225
Corm. 8-24-38 Comp. 9-10-38
Shot or Treated.
Contractor.
Issued. 12-24-38

County Rice.



CASING.

103/4" 200' 7" 3159'

Elevation.

Production. Pot. 2461 B.

Figures Indicate Bottom of Formations.

shale and sand	200
shale and red rock	640
shale and shells	715
salt	1020
shale and shells	1385
sand	1405
broken lime	1840
shale and shells	2265
shale and lime	2357
shale	2390
lime	2670
shale	2705
shale and lime	2795
lime	3141
shale green	3160
Arbuckle lime	3225

Total Depth.

Top Arbuckle lime 3158

2900' oil 1 hour 3160

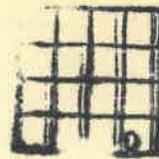
Pumped 820 bbls 8 hours.
" 2461 B. Pot.

CONTINENTAL OIL CO.
C. Wood No. 6.

SEC. 12 T. 18 R. 8W
SW SE SE
330' N 990' W SE Cor.

Total Depth. 3220'
Comm. 9-15-38 Comp. 10-1-38
Shot or Treated. 3000 Gals.
Contractor.
Issued. 12-31-38

County. Rice



CASING:
10 $\frac{3}{4}$ " 227'
7 " 3179'

Elevation.

Production. Pot. 2631 B.
No water.

Figures Indicate Bottom of Formations.

cellar	9
soil	20
shale & sand	227
shale & shells	700
salt	980
shale & shells	1165
shale & brkn lime	1345
brkn lime	1370
sand	1410
brkn lime	1820
shale & shells	2395
brkn lime	2460
lime	2660
shale & lime	2765
shale & shells	2798
lime	3073
shale & lime	3145
shale	3150
sand	3160
shale	3180
lime Arbuckle	3220
Total Depth.	

Top Arbuckle lime 3178
Pumped 367 B.oil 4 hrs.
Acidized w/3000 Gals.
Pumped 877 B.O. 8 hrs.
Pumped 2631 B.O. Pot., No wtr.

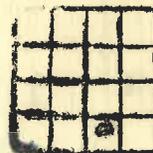
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CONTINENTAL OIL CO.
 C. Wood No. 7.

SEC. 12 T. 18 R. 8W
 NE SW SE
 990' N 990' E S/4 Cor.

Total Depth. 3227'
 Comm. 10-29-38 Comp. 11-14-38
 Shot or Treated. 3000 Gals.
 Contractor.
 Issued. 1-7-39

County. Rice



CASING:
 10³/₄" 205'
 7" 3176'

Elevation.

Production. Pot. 2543 B.

Figures Indicate Bottom of Formations.

surface soil	100
shale & shells	700
salt	950
shale & shells	1390
sand	1410
brkn lime	1860
shale & shells	2265
lime	2315
brkn lime	2415
lime	2690
shale & shells	2804
lime	3140
sand & shale	3168
shale	3175
Arbuckle lime	3187
good sh oil 3175-77 (3100' oil)	
shale blk	3190
lime	3227
Total Depth.	

Top Arbuckle 3175

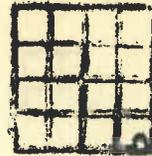
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CONTINENTAL OIL CO.
C. Wood No. 8

SEC. 12 T. 18 R. 8W.
SEc SE
330' N. 330'W of SE cor.

Total Depth. 3210.
Comm. 11-30-38 Comp. 12-16-38
Shot or Treated. 4000 gal.
Contractor.
Issued. 2-18-39.

County Rice.



CASING.

103/4" 209'
7" 3192

Elevation.

Production. Pot. 2500.53B

Figures Indicate Bottom of Formations.

shy shale	209
red bed and lime shells	529
red rock	785
salt shale and shells	1010
lime and shale	1075
lime and shale	1250
broken lime	1385
shale lime and shells	1442
lime	1522
shale	1540
shale and shells	1645
broken lime	1800
shale and shells	1930
shale and shells	2085
lime and shale	2160
broken lime	2210
shale and shells	2370
broken lime	2400
lime	2580
broken lime	2670
lime	2680
shale	2750
broken lime	2790
lime	2870
lime	3170
shale	3194
Arbuckle lime	3195
lime	3205
shale blk	3210
Total Depth.	

Top of Arbuckle lime 3192

The well filled up 2000' with oil in 1 hr and 15 min. when the plug was drilled. Fill up when completed 3000'

12-19-38 On 3 hr pumping test the well pumped 264 bbls oil

12-20-38 The well was acidized with 4000 gal of acid.

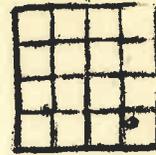
12-21-38 On initial potential test the well pumped 833.51 bbls oil in 8 hours, giving the well a 24 hour pot. of 2500.53 bbls of oil no water.

CONTINENTAL OIL CO.
C. Wood No. 9.

SEC. 12 T. 18 R. 8W
NW SE SE
990'N 990'W SEcor.

Total Depth. 3224'
Comm. 1-21-39 Comp. 2-6-39
Shot or Treated. 2000 Gals.
Contractor.
Issued. 4-15-39

County. Rice



CASING:
10^{3/4}" 210'
7 " 3193'

Elevation.

Production. Pot. 2541.66 B.
No water.
Figures Indicate Bottom of Formations.

shale & shells	710
salt	1025
shale & shells	1050
lime & shale	1180
brkn lime	1435
lime	1575
shale	1705
shale & shells	1970
shale	2195
shale & shells	2335
shale	2375
lime	2620
brkn lime	2755
lime	3170
sand & shale	3180
shale	3196
lime	3224
Total Depth.	

Top Arbuckle lime 3192
2-8-39 acidized w/2000 Gals.
Pumped 847.22 B.O. 8 hrs.
Pumped 2541.66 B.O. 24 hrs.,
potential, no wtr.

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CONTINENTAL OIL CO.
C. Wood No. 10

SEC. 12 T. 18 R. 8W.
NE SE SE
990' N & 330' W SE cor.

Total Depth. 3222
Comm. 7-20-39 Comp. 8-4-39
Shot or Treated. 2000 gal acid.
Contractor.
Issued. 10-21-39

County Rice.



Elevation.

CASING.

103/4" 211' 7" 3213'

Production. Pot. 2255

Figures Indicate Bottom of Formations.

surface clay and shale	90
shale and lime shells	216
shale and shells	988
broken lime	1188
shale and shells	1280
broken lime	1445
shale and shells	1560
broken lime	1775
shale and shells	2233
shale	2290
lime	2336
shale	2356
lime	2670
shale and shells	2759
shale	2770
lime	3158
conglomerate	3174
lime	3180
shale	3212
Arbuckle dolomite	3222
Total Depth.	

Top Arbuckle 3212
Total fill up 3000' Oil

Pumped 751 bbls oil in 8 hours.
2255 bbls oil in 24 hours Potential.

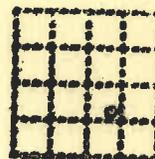
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CONTINENTAL OIL CO.
C. Wood No. 11.

SEC. 12 T.18 R.8W
SE NW SE
990' S 990' E of Center

Total Depth. 3220'
Comm. 4-6-40 Comp. 4-27-40
Shot or Treated. 2000 Gals. Acid
Contractor.
Issued. 6-29-40

County. Rice



CASING:
10³/₄" 210'
7 " 3195'

Elevation.

Production. Pot, 1838 B.

Figures Indicate Bottom of Formations. Echometer 275 BW

no log	47
shale & shells	624
shale	884
shale & shells	1068
lime brkn	1118
salt	1155
lime brkn	1278
lime	1521
shale & shells	2283
shale	2295
lime	2615
sand & shale	2697
lime sdy	2731
shale	2760
lime	2770
lime sdy	2780
lime brkn	2806
lime	3142
shale	3151
sand	3160
shale	3162
sand & chert conglomerate	3175
shale	3194
Arbuckle dolomite	3220
Total Depth.	

Top Arbuckle 3193
Echometer potential 2113 BO
& 13% Wtr, giving the well
a Pot. of 1838 B.O. & 275 BW

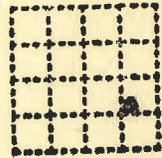
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CONTINENTAL OIL CO.
C. Wood No.12.

SEC.12 T.18 R. 8 W
SW NE SE
990' S 990' W of E $\frac{1}{4}$ Cor.

Total Depth. 3202' (CFL 3201)
Comm. 3-15-42 Comp. 4-3-42
Shot or Treated.
Contractor.
Issued. 7-18-42

County. Rice



CASING:
10 $\frac{3}{4}$ " 209' Cem.
6" 3195' Cem.

Elevation.

Production. Pot.1586 B.
No Wtr, Echo.

Figures Indicate Bottom of Formations.

surface clay	18
shale & shells	735
shale	1030
lime brkn	1505
shale & shells	2101
shale	2238
lime brkn	2365
lime	2675
shale & shells	2760
lime	3175
sand	3182
shale	3190
lime	3202
Total Depth.	

Total depth from cement floor
level 3201

Top of Arbuckle lime 3193

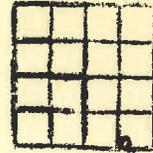
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CONTINENTAL OIL CO.
W. M. Hamilton No. 1.

SEC. 13 T. 18 R. 8W
SW SE SE
330' N 990' W SE Cor.

Total Depth. 3220'
Comm. 3-24-38 Comp. 4-15-38
Shot or Treated. 1000 Gals.
Contractor.
Issued. 5-28-38

County. Rice



CASING:
10^{3/4}" 207'
7" 3217'

Elevation.

Production. Pot. 901.80 B.
No wtr.

Figures Indicate Bottom of Formations.

surface	190
shale & shells	750
salt	1040
shale & shells	1190
brkn lime	1370
sand	1400
brkn lime	1685
lime & shale	1775
shale & shells	2255
shale & lime	2334
lime	2684
shale	2713
brkn lime	2735
shale & shells	2800
lime	3150
shale & sand	3193
Top of Arbuckle lime	3216
shale	3218
Arbuckle lime	3220
Total Depth.	

On initial potential test well
pumped 202.07 B. O. 1st 4 hrs
of test and 150.20 B. O. last
4 hrs giving well a 24-hr poten-
tial of 901.80 B.O., No wtr.

Acidized 1000 Gals.

On a five hour company pumping
test well pumped 494.50 B.O.,
No wtr.

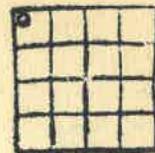
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
J.A. Lewis No. 1-A

SEC, 13 T. 18 R. 3W.
NWc NW
330' S 330' E of NW cor.

Total Depth. 3240.
Comm. 6-6-38 Comp. 6-21-38
Shot or Treated.
Contractor.
Issued. 10-8-38

County Rico.



CASING.

103/4" 204' 7" 3226'

Elevation.

Production. Pot. 1945.68B.
Nat.

Figures Indicate Bottom of Formations.

shale and shells	205
shale and red rock	405
shale and shells	800
salt	980
shale and shells	1050
broken lime	1130
shale and lime	1275
shale and shells	1405
sand	1425
broken lime	1570
lime and shale	1690
broken lime	1775
shale and shells	1980
shale	2140
broken lime	2180
lime and shale	2285
shale and shells	2390
lime	2500
lime	2645
broken lime	2690
shale	2825
lime	3175

K.C. Break 2990

Top Arbuckle lime 3226

conglomerate	3220
shale	3226
Arbuckle lime	3227
lime	3240
Total Depth.	

The hole filled up 500' with oil in 2 hours and 15 min. after drilling the cement plug to 3227.

On a six hour pumping test the well pumped 455.60 bbls of oil no water.

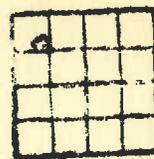
On initial state potential test the well pumped 324.43 bbls oil the 1st four hours and 326.10 bbls of oil the last four hours, giving the well a 24 hour potential of 1945.68 bbls of oil no water. Natural no acid used.

CONTINENTAL OIL CO.
J.A. Lewis No. 2-A

SEC. 13 T. 18 R. 8W.
SE NW NW
990' S 990' E of NW cor.

Total Depth. 3237
Comm. 12-13-38 Comp. 12-28-38
Shot or Treated. 1000 gal.
Contractor.
Issued. 2-18-39

County. Rice.



CASING.

10 3/4" 215
7" 3233'

Elevation.

Production. Pot. 2321.43B.
No wtr

Figures Indicate Bottom of Formations.

surface	215	
shale and sholls and salt	885	
salt	990	
shale and sholls	1335	
lime and shale	1485	
broken lime	1835	
shale and sholls	2040	
shale and sholls	2185	
lime and shale	2295	
broken lime	2485	
lime	2685	
shale	2750	
lime	2755	
broken lime	2855	
lime	2905	
Break K.C.	2925	
lime	3130	
broken lime	3200	
shale	3205	Top of Arbuckle lime 3232
shale	3237	
Total Depth.		

Cored from 3233 to 3236 Rec 6' of Arbuckle lime. Spotted with oil
The Well filled up 75' with Oil before acidizing.

12-29-38 The well was acidized with 1000 gal of acid.

12-30-38 On swabbing test after acidizing the well swabbed 130 bbls of
load oil in 2 hours and 291 bbls of oil in 4 1/2 hours.

1-1-39. The well was acidized with 2000 gal acid.

1-3-39. On initial potential test the well pumped 773.81 bbls of oil in
8 hours giving the well a 24 hour potential of 2321.43 bbls of oil no wtr.

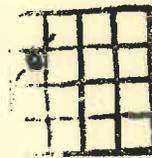
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

CONTINENTAL OIL CO.
J.A. Lewis No. 3-A.

SEC. 13 T. 18 R. 8W
NE SW NW
990' N 990' E $W\frac{1}{4}$ Cor.

Total Depth. 3716'
Comm. 5-28-39 Comp. 6-22-39
Shot or Treated. 6000 Gals.
Contractor. L.W. Prunty Drlg. Co.
Issued. 8-12-39

County. Rice



CASING:
10 $\frac{3}{4}$ " 200'
7 " 3423'

Elevation.

Production.

Salt
Wtr Input

Figures Indicate Bottom of Formations.

surface clay & shale	162
shale	180
shale & shells	963
lime	1083
lime brkn	1394
shale & shells	1426
lime brkn	1522
lime	1597
lime brkn	1678
lime	1725
lime brkn	1855
shale	1980
shale & shells	2177
lime brkn	2227
shale & lime shells	2389
shale	2404
lime	2587
lime brkn	2669
shale & shells	2687
shale	2815
lime	2822
lime hrd	2834
lime sft	2840
lime med	2888
lime	2910
sdv lime sft	2940
lime	3136
lime brkn	3170
shale & shells	3204
shale	3215
conglomerate	3232
shale	3263
sdv shale	3264
Arbuckle dolomite	3716
Total Depth.	

Corrected T.D. from ground
level 3713'

Top Arbuckle lime 3263
6-11-39 cored 3265-70 4' rec
of Arbuckle lime; slight sh oil
6-12-39 a Halliburton drill stem
test was taken w/the packer set
at 3265-Packer was open 30 min.
& recovered 70' mud & salt wtr
w/very slight trace of oil.
6-12-39 cored 3270-75 w/4' rec
of Arbuckle lime; slight trace
of oil.
6-13-39 started drilling the
well for a salt wtr input well.
Water test before acidizing; well
took 280 BWPH
6-22-39 acidized w/6000 Gals.
Water test after acidizing; well
took 625 BWPH on vacuum

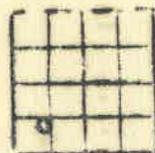
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY:
 Union National Bk Bldg, Wichita, Kansas.

CONTINENTAL OIL CO:
 P. Nickel No. 1.

SEC 13 T. 18 R. 8W.
 NE SW SW
 990' N 990' E of SW cor.

Total Depth. 3216.
 Comm. 2-2-36 Comp. 4-13-36.
 Shot or Treated. 2000 gal.
 Contractor.
 Issued. 6-13-36.

County. Rice.



CASING:

13" 165' 8" 1367'
 5" 3210'

Elevation. 1717

Production. Pot. 1428 B.

Figures Indicate Bottom of Formations.

shale and shells	125
sand and shale	166
shale and shells	680
salt	890
shale and shells	1345
broken lime and shale	1470
lime	1480
broken lime	1670
lime	1720
broken lime	1790
shale and shells	2040
lime	2045
shale	2100
shale and shells	2200
broken lime	2270
shale and shells	2425
lime	2485
broken lime	2745
lime	2765
broken lime	2850
lime	3090
shale and lime	3165
cored	3168
shale	3170
shaly shale	3191
shale	3209
lime	3216 Total Depth.

*Sec. T.
 Ark 3210*

*3210
 1717
 -1493*

2500' oil in 2 hours at 3214 after drilling plug.
 Swab 600 bbls 15 hours 3-16-36.
 Swab 75 bbls 2 hours at 3216 3-17-36.
 Pump 825 bbls 18 hours 3-21-36.
 Pump 1428 bbls 24 hours 4-13-36

*2785
 1717
 1068*

GEOLOGICAL TOPS:
 Top Topeka 2385
 Top Kansas City 2785
 Top Simpson 3165
 Top Siliceous 3210

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg., Wichita, Kansas.

DEEPENING RECORD.

CONTINENTAL OIL CO.
P. Nickel No. 2.

SEC. 13 T. 18 R. 8W
NWC SW
330' S 330' E of W/4 Cor

Total Depth. 4258
Comm. 5-11-36 Comp. 6-29-36
Shot or Treated.
Contractor.
Issued. 10-9-37

County. Rice

CASING:
13" 182'
7" 3244
5" 3350'

Rotary O-3252'
Cable 3252-3264



Elevation.

Production. Dry
Figures Indicate Bottom of Formations.

shale & sand	188	DEEPENING RECORD.	
shale & red rock	790	Comm. 6-20-37	
salt & shale	1071	Comp. - 7-31-37	
shale & shells	1305	Prod. Disposal Well.	
shale & brkn lime	1480		
lime	1615	lime	3525
brkn lime	1750	broken lime	3538
shale & brkn lime	1960	lime	3701
shale & lime	2020	sand lime sft	3707
shale	2115	lime	3712
shale & lime	2330	sand lime	3719
lime	2705	sand lime salt	3738
lime & shale	2730	sdv lime	3758
lime	2910	sdv lime grey	3773
shale	2940	sdv lime	3783
sdv lime	2960	sdv lime brown	3825
lime	3160	sand brown	3850
lime brkn	3170	sand brown hd	3863
shale	3175	lime sdy&hard	3866
lime	3185	sand brown	3875
brkn lime	3210	sdv lime hd and	
saturated core	3220	brown	3895
shale green & red	3230	sand brown	3918
lime	3264	sdv lime brown	3929
Total Depth		sand brown	3983
		sand brown	4258
		Total Depth.	

5000 gal acid.

Geological Tops:

Top Kansas City 2810
Top Arbuckle 3244
Top Simpson Sand 3202

Siliceous Lime from 3244-3264

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg., Wichita, Kansas.

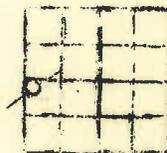
CONTINENTAL OIL CO.
P. Nickel No. 2.

SEC. 13 T. 18 R. 8W
NWc SW
330' S 330' E of W/4 Cor

Total Depth. 3264'
Comm. 5-11-36 Comp. 6-29-36
Shot or Treated.
Contractor.
Issued. 9-12-36

County. Rice

Rotary O-3252'
Cable 3252-3264



CASING:
13"
7"

182'
3274'

Elevation. 1722

Production. Dry

Figures Indicate Bottom of Formations.

shale & sand	188
shale & red rock	790
salt & shale	1071
shale & shells	1305
shale & brkn lime	1480
lime	1615
brkn lime	1750
shale & brkn lime	1960
shale & lime	2020
shale	2115
shale & lime	2330
lime	2705
lime & shale	2730
lime	2910
shale	2940
sdv lime	2960
lime	3160
lime brkn	3170
shale	3175
lime	3185
brkn lime	3210
saturated core	3220
shale green & red	3230
lime	3264
Total Depth	

2810
1722
-1088 LS

3244
1722
-1522 ARB

Geological Tops:

Top Kansas City 2810
Top Arbuckle 3244
Top Simpson Sand 3202

Siliceous Lime from 3244-3264

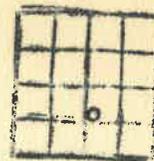
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CONTINENTAL OIL CO.
W.S. Pickerill No. 3.

SEC. 13 T. 18 R. 8W.
SW NW SE
330'E 990' S of Center Sec.

Total Depth. 3218
Comm. 4-15-38 Comp. 5-2-38
Shot or Treated.
Contractor.
Issued. 7-30-38

County Rice.



CASING.

103/4" 219' 7" 3212'

Elevation.

Production. Pot. 1906.62 B.

Figures Indicate Bottom of Formations.

surface soil shale and shells	218	
shale	270	
red bed	300	
shale shells and lime	480	
shale and shells	720	
salt	1030	
shale and shells	1235	
lime	1365	
shale and shells	1405	
broken lime	1655	
lime	1710	
shale	1740	
shale and shells	2060	
shale	2103	
lime	2130	
shale	2155	
shale and shells	2365	
lime	2678	
shale	2685	
shale and shells	2770	
shale	2793	
lime K.C.	2840	
lime	3178	
sand	3192	
shale	3213	
lime	3218	Top of Arbuckle lime 3211'
Total Depth.		

The plug was drilled out to bottom 3214 and the well filled up 3000' with oil in one hour and 45 Min.

May 6, 1938 On a six hour pumping test the well pumped 397 bbls of oil no water.

On initial potential test the well pumped 317.43 bbls of oil the first four hours and 317.27 bbls oil the last four hours of the test giving the well a 24 hour potential of 1903.62 bbls of oil - no water.

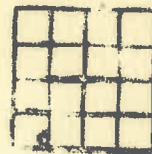
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412 Union National Bk Bldg., Wichita, Kansas.

CONTINENTAL OIL CO.
P. Nickel No. 3.

SEC. 13 T. 18 R. 8W
SE SW SW
990' E 330' N of SW Cor.

Total Depth, 3230' P.B. 3226'
Comm. 6-9-36 Comp. 6-30-36
Shot or Treated, 2000 Gals. Acid.
Contractor, Herndon Drlg. Co.
Issued, 9-19-36

County, Rice



CASING:

13" 167'9"
10" 1105'4"
7" 3249'

Elevation, 1713

Production, Pot, 992 B.
1st 24 hrs.

Figures Indicate Bottom of Formation.

surface	175
red rock & shale	385
shale & shells	800
salt	980
shale & shells	1085
lime, shale & shells	1200
lime & shale	1345
shale & shells	1450
sand	1490
shale	1515
brkn lime	1845
shale & red rock	2355
lime	2545
brkn lime	2690
shale	2705
shale & shells	2780
shale	2790
lime	2813
lime sft	2820
lime	3150
sand & shale	3175
sand	3188
sand & shale	3223
saturated lime	3227
lime	3230
Total Depth.	

Plugged back with lead wool to 3226'

Acidized with 2000 gals. $2\frac{1}{2}$ hrs.
Pressure 575#. First 24 hrs.
Potential 992 Bbls.

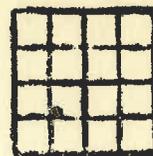
Top Simpson 3159'
Top Siliceous 3217' Corrected.

CONTINENTAL OIL CO.
 P. Nickel No. 4.

SEC. 13 T. 18 R. 8W
 SW NE SW

Total Depth. 3225' Corr.
 Comm. 5-20-37 Comp. 6-25-37
 Shot or Treated.
 Contractor. Herndon Drlg. Co.
 Issued. 8-28-37

County. Rice



Elevation.

CASING:
 13" 193'
 7" 3221'

Production. Pot. 1322 B.

Figures Indicate Bottom of Formations.

soil, sand & shale	187
shale	193
shale & red rock	575
shale & shells	775
salt	985
shale & shells	1190
brkn lime	1280
shale & shells	1295
brkn lime	1317
shale	1396
lime	1460
shale & shells	1520
lime	1580
shale & shells	1600
brkn lime	1630
shale & shells	2014
shale	2085
shale & shells	2160
shale	2310
brkn lime	2521
lime	2600
shale & shells	2646
red rock & shale	2685
shale & shells	2740
brkn lime	2790
lime	2890
brkn lime	2910
lime	3100
brkn lime	3160
conglomerate	3227
Corr. T.D. 3225 in Siliceous lime	
Total Depth	3225

This well was not acidized
 June 24 and 25, 1937 the well
 pumped 1322 B.O. No wtr on
 24-hr pot. test.

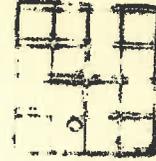
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412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
P. Nickel No. 5

SEC. 13 T. 18 R. 8W
NE SE SW

Total Depth. 3228'
Comm. 7-25-37 Comp. 8-31-37
Shot or Treated.
Contractor.
Issued. 10-9-37

County. Rice.



CASING.

13" 211'11"
8" 3261'8"

Elevation.

Production. Pot. 1073 B.

Figures Indicate Bottom of Formations.

shale and shells	200
shale and red rock	485
shale and shells	785
salt	980
shale and shells	1100
broken lime	1230
shale and shells	1370
sand	1400
shale and shells	1420
shale and shells	1512
shale and shells	1535
broken lime	1605
shale and shells	1705
shale and shells	2045
shale	2050
shale and shells	2145
broken lime	2215
shale and shells	2265
broken lime	2280
lime	2365
broken lime	2390
broken lime	2550
shale and shells	2600
lime	2670
shale	2790
lime	2895
break K.C.	2915
lime	3190
broken lime	3205
shale	3227
lime	3230
corrected Total Depth	3228'

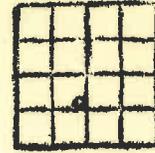
This well was not acidized and August 30, 1937 the well was given 1073 bbls of oil for an 24 hour potential test. it pumped 209 bbls of oil the first four hours of test and 178.88 bbls of oil the last four hours of the test.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.
P. Nickel No. 6

SEC. 13 T. 18 R. SW.
SE NE SW
990'S 330' W of Cen of
SEC.
County Rice.

Total Depth. 3232.
Comm. 3-17-38 Comp. 4-11-38
Shot or Treated.
Contractor.
Issued. 7-2-38



CASING.

103/4" 223' 7" 3227'6

Elevation.

Production. Pot. 1130 B. .
no wtr.

Figures Indicate Bottom of Formations.

soil and sand	40	4-6-38 On initial potential test the well pumped
shale and sand	223	249.83 bbls oil the 1st 4 hours and 186.12 bbls oil
shale	310	the last four hours of the test, giving the well a
shale and red rock	785	24 hour potential of 1116.72 bbls of oil no wtr
salt	980	
shale	1040	5-16-38 On state Potential test the well pumped
lime broken	1150	210.43 bbls oil the 1st four hours and 188.33 bbls
broken lime	1370	oil the last four hours giving the well a 24 hr
sdv lime	1405	potential of 1130 bbls oil no water.
lime	1435	Increase over previous potential of 13 bbls oil.
lime and shale	1540	
broken lime	1830	
shale and shells	1975	
shale and shells	2110	
lime	2155	
broken lime	2255	
shale and shells	2310	
broken lime	2360	
lime	2565	
broken lime	2575	
lime	2670	
shale and shells	2720	
lime	2750	
shale	2815	
broken lime	2825	
lime	3005	
broken sh oil	3015	
lime	3155	Top Arbuckle lime 3227
shale and shells	3190	
shale and sand	3210	
broken lime	3232	
Total Depth.		

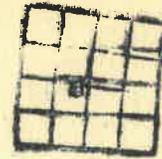
The well was not acidized.

CONTINENTAL OIL CO.
P. Nickel No. 7.

SEC. 13 T. 18 R. 8W
NEc SW
330'S 330'W Center

Total Depth. 3234'
Comm. 12-18-38 Comp. 1-2-39
Shot or Treated. 2000 Gals. 1-5-39
Contractor.
Issued. 3-11-39

County. Rice



CASING:
10^{5/8}" 199'
7" 3231'

Elevation.

Production. Pot. 1229.97 B.
No water

Figures Indicate Bottom of Formations.

soil, sand, shale & shells	199
shale & shells	700
salt	1000
shale & shells	1387
sand	1410
lime brkn	1820
shale & shells	2370
lime	2685
shale & shells	2805
lime	3185
sand & shale	3210
shale	3232
Arbuckle lime	3234
Total Depth.	

Top Arbuckle lime 3230

Cored 3231-34 w/1 $\frac{1}{2}$ ' recovery of
Arbuckle lime; good sh oil
A Halliburton drill stem test
was taken with the packer set
at 3229'. The packer was open
20 min. and recovered 420' of
oil.

Well acidized with 2000 Gals.
Acid 1-5-39

Pot. test pumped 90 BO & quit
pumping.

After pulling rods and tubing it
was found the hole had filled up 1500'
with water and sand. The well was
bailed and cleaned out to btm.

On initial potential test the well
pumped 409.99 BO in 8 hrs, giving
the well a 24-hr potential of
1229.97 BO, no wtr.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

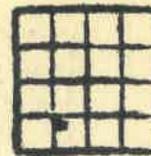
CONTINENTAL OIL CO.
P. Nickel No. 8.

SEC. 13 T. 18 R. 6W
NW SE SW
990'N & W S $\frac{1}{4}$ Cor.

County, Rice

Total Depth. 3221'
Comm. 10-12-39 Comp. 10-30-39
Shot or Treated. 500 Gals.
Contractor.
Issued. 1-13-40 Rotary 3217
Cable 3221

CASING:
10 $\frac{3}{4}$ " 212'
7 " 3217'



Elevation.

Production. Pot. 3949 B.
Deptho.

Figures Indicate Bottom of Formations.

surface clay	20
shale	135
sand shale & shells	213
shale	892
shale & shells	1127
lime brkn	1930
shale & shells	2145
lime	2191
shale & shells	2280
shale	2302
lime	2487
lime brkn	2668
shale & shells	2753
lime brkn	2852
lime	2877
lime sft	2907
lime	3163
lime brkn	3194
shale	3216
Arbuckle dolomite,	
sh oil	3219
lime	3222
Total Depth.	

Total Depth from cement
floor level 3221
Arbuckle lime 3215-3221
from cement floor level

Cored 3212-18 w/a 3' recovery
of shale & Arbuckle lime, top
2' of core shale-last foot of
core oil saturated Arbuckle
lime

Hole filled full of oil
11-1-39 acidized w/500 Gals.
11-4-39 on depthograph
potential test well was given
a 24-hr potential of 3949
bbls oil. This potential
establishes a maximum allowed
potential of 3000 BO.

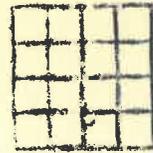
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 412 Union National Bank Bldg., Wichita, Kansas.

CONTINENTAL OIL CO.
 W.S. Pickerell No. 1

SEC. 13 T. 18 R. 8W.
 NW SW SE

Total Depth. 3219
 Comm. 9-15-37 Comp. 9-29-37
 Shot or Treated.
 Contractor.
 Issued. 11-20-37

County Rice.



CASING.

10 3/4" 381'10"
 7" 3251'2"

Elevation.

Production. Pot. 1817 B.

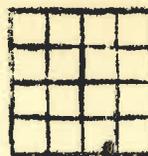
Figures Indicate Bottom of Formations.

soil and shale	100
red rock shale and shells	372
shale and red rock	505
shale and shells	780
salt	990
shale and shells	1165
shale	1195
lime	1328
broken lime	1397
sand hard	1418
shale and shells	1495
lime broken	1816
shale and shells	1900
shale and shells	2132
broken lime	2350
lime	2550
broken lime	2640
broken lime	2692
shale	2740
broken lime	2755
lime	2810
shale	2822
lime	3030
broken lime	3099
lime	3160
shale	3214
Arbucklo dolomite	3219
Total Depth. Top Siliceous limo	3210

CONTINENTAL OIL CO.
W.S. Pickerill No. 2.

SEC. 13 T. 18 R. 8W
SE SW SE
330' N 990' E of S $\frac{1}{4}$ Cor.

County. Rice



Elevation.

Production. Pot. 2157 B.
No water.

Figures Indicate Bottom of Formations.

surface-shale & shells	222
shale & shells	750
salt	980
shale & shells	1400
brkn lime	1475
lime	1507
brkn lime	1658
brkn lime-shale & shells	1750
shale & shells	2105
brkn lime	2135
shale & shells	2299
brkn lime	2375
lime	2680
shale & shells	2795
brkn lime	2805
lime	3161
conglomerate	3205
shale	3221
Arbuckle lime	3223 Top of Arbuckle 3219
lime	3232
Total Depth.	

On initial potential test the well pumped
359.51 bbls oil 1st 4 hrs and 369.70 bbls
oil last 4 hrs, giving well a 24-hr potential
of 2157 bbls oil, no wtr.

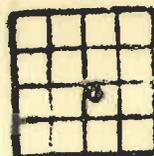
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CONTINENTAL OIL CO.
W.S. Pickorill No. 4

SEC. 13 T. 18 R. 8W.
NW 1/4 SE
330' S and 330' E of Center.

Total Depth. 3214
Comm. 11-13-38 Comp. 12-4-38
Shot or Treated. 2000 gal acid.
Contractor.
Issued. 1-28-39

County Rice.



CASING.

103/4" 227

7" 3211'

Elevation.

Production. Pot. 2347.44 B.

Figures Indicate Bottom of Formations.

shale and sholls	790
salt limc and shale	1160
shale and limc	1325
shale and limc	1545
shale and sholls	2355
limc	2460
broken limc	2560
limc	2645
limc	2680
shalo	2750
limc	2820
limc	2865
limc	3160
shalo	3208 Top Arbucklo limc 3210
sand	3209
shalo	3212
arbucklo limc	3214
Total Depth.	

The cement plug was drilled and hole filled up 300' in 30 min. The well was drilled to a total depth of 3214 and filled up 2800' with oil. No pumping test on well before acidizing.

12-6-38 The well was acidized with 2000 gal acid.

12-7-38 On initial potential test the well pumped 782.48 bbls of oil in 8 hours., giving the well a 24 hour potential of 2347.44 barrels of oil no water.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
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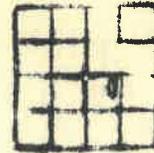
CONTINENTAL OIL CO.
W. S. Pickerill No. 5.

SEC. 13 T. 18 R. 8W
NE NW SE
330'S 990'E Center Section.

Total Depth. 3219'
Comm. 12-25-38 Comp. 1-10-39
Shot or Treated. 2000 Gals. 1-14-39
Contractor.
Issued. 3-4-39

County. Rice

CASING:
10 3/4" 200'
7" 3215'



Elevation.

Production. Pot. 2486.70 B.
No water

Figures Indicate Bottom of Formations.

surface	200
shale & shells	610
shale	800
salt	1010
shale & shells	1380
sand	1400
lime brkn	1520
shale	1545
shale & shells	1730
lime brkn	1800
shale & shells	2015
lime brkn	2140
shale & shells	2280
shale	2340
lime brkn	2385
lime	2655
shale sdy	2705
shale & shells	2735
lime	3140
shale & lime	3170
shale	3212
lime	3219
Total Depth.	

Top Arbuckle lime 3214

On a three-hour pumping test,
the well pumped 125 BO
Acidized 2000 Gals.
On initial potential test the
well pumped 828.90 BO 8 Hrs,
giving the well a 24-hr
potential of 2486.70 BO,
No water.

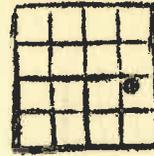
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412 Union National Bk Bldg., Wichita, Kansas

CONTINENTAL OIL CO.
D. M. Siemsen No. 1-A

SEC. 13 T. 18 R. 8W
NW NE SE
990'W 330'S E $\frac{1}{4}$ Cor.

Total Depth. 3224'
Comm. 2-15-39 Comp. 3-5-39
Shot or Treated. 2000 Gals.
Contractor.
Issued. 4-22-39

County. Rice



CASING:
10 $\frac{3}{4}$ " 220'
7 " 3220'

Elevation.

Production. Pot. 2613 Bbls.,
No water
Figures Indicate Bottom of Formations.

surface soil	40
shale & shells	760
salt	975
shale & shells	1375
sand	1405
shale & shells	1445
lime brkn	1625
shale & shells	2380
lime	2670
shale	2760
shale & shells	2797
lime	2895
lime sft	2915
lime	3150
shale	3210
shale & sand	3221
lime	3224
Total Depth.	

Top of Arbuckle lime 3219

The cement plug was drilled to btm
and the hole filled up 2800' w/
oil, filling up at the rate of
500' per hr.

Well pumped 120 BO in 2 hrs.

Well acidized w/2000 Gals.

On initial potential test the well
pumped 870.99 Bbls. Oil in 8 hrs,
giving the well a 24-hr potential
of 2613 BO, no wtr.

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg., Wichita, Kansas.

CONTINENTAL OIL CO.
J. A. Williams No. 1.

SEC. 13 T. 18 R. 8W
NEc NW
330' W 330' S N $\frac{1}{4}$ Cor.

Total Depth. 3238'
Comm. 1-13-38 Comp. 2-6-38
Shot or Treated, 2000 Gals.
Contractor.
Issued. 4-16-38

County. Rico



Elevation.

CASING:
10 $\frac{3}{4}$ " 208'
7" 3152'

Production. Pot. 2612.38 B.
No wtr.

Figures Indicate Bottom of Formations.

shale & shells	760	
salt	950	
shale & shells	1000	
brkn lime	1380	
sand	1400	
brkn lime	1825	
shale & shells	2035	
brkn lime	2200	
shale	2250	
brkn lime	2315	
lime	2660	
shale & shells	2720	
brkn lime	2935	
lime	3140	
shale	3145	Top Arbuckle lime 3151
sand	3153	
Arbuckle lime	3155	
lime	3238	
Total Depth.		

On swabbing test before acidizing,
well swabbed 220 barrels of oil
in 3 $\frac{1}{2}$ hrs.

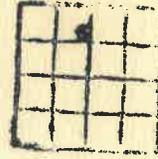
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CONTINENTAL OIL CO.
J.A. Williams No. 2

SEC. 13 T. 18 R. 8W.
SE NE NW
330' W. 990' S of N $\frac{1}{4}$ cor.

Total Depth. 3215.
Comm. 8-11-38 Comp. 8-29-38
Shot or Treated, 3000, Gal.
Contractor.
Issued. 10-22-38

County Rice.



CASING.

103/4" 200' 7" 3169'

Elevation.

Production. Pot. 2519.10B.

Figures Indicate Bottom of Formations.

		Remarks-
shale and shells	200	
shale and shells	630	
shale and rock	750	Top of Arbuckle lime 3168
salt	1000	
shale and shells	1150	The plug was drilled and the well filled
broken lime	1265	up 1800' with oil in 1 $\frac{1}{2}$ hours. and 3100' in
broken lime	1440	3 hours.
lime	1450	
broken lime	1580	The well was acidized with 3000' gal Acid.
broken lime	1720	
shale and lime	1825	On a two hour pumping test after
shale and shells	2145	acidizing the well pumped 239 bbls of oil
shale and shells	2365	no water.
broken lime	2400	
lime	2460	On initial Potential test the well pumped
lime	2670	839.70 bbls of oil in 8 hours giving the
shale	2680	well a 24 hour potential of
shy shale	2710	2519.10 bbls oil no water.,
shale	2790	
lime	2860	
lime K.C. break	2925	
lime	3130	
shale	3135	
SL corr.	3135-3147	
shale	3157	
sand	3161	
shale	3170	
arbuckle lime	3172	
lime	3215	
Total Depth.		

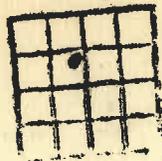
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CONTINENTAL OIL Co.
J.A. Williams, No. 3.

SEC. 13 T. 13 R. 0W.
NE SE NW
330' W. 990' N of Center of Sec.

Total Depth. 3223.
Comm. 3-31-33 Comp. 9-17-38
Shot or Treated. 3000 gal.
Contractor.
Issued. 11-5-38

County Rice.



CASING.

103/4" 215' 7" 3195

Elevation.

Production. Pot. 2489 B.
No wtr

Figures Indicate Bottom of Formations.

collar	9
soil sand and shale	215
shale and red rock	585
red rock and shale	750
salt	1000
shale and shells	1150
broken lime	1235
broken lime	1360
sdv lime	1420
broken lime	1590
shale and shells	2117
broken lime	2146
shale and shells	2370
lime	2545
broken lime	2640
lime	2680
shale and shells	2800
lime	3155
shale and sand	3192
shale	3198
arbucklo lime	3199
lime	3223

Top of Arbucklo lime 3194

The cement plug was drilled and the hole filled up with oil in 1 1/2 hrs.

Well was acidized with 3000 gal acid.

Total Depth.

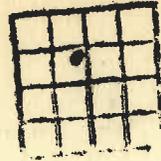
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412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL Co.
J.A. Williams, No. 3.

SEC. 13 T. 13 R. 0W.
NE SE NW
330' W. 990' N of Center of Sec.

Total Depth. 3223.
Comm. 3-31-33 Comp. 9-17-38
Shot or Treated. 3000 gal.
Contractor.
Issued. 11-5-38

County Rice.



CASING.

103/4" 215' 7" 3195

Elevation.

Production. Pot. 2489 B.
No wtr

Figures Indicate Bottom of Formations.

collar	9
soil sand and shale	215
shale and red rock	585
red rock and shale	750
salt	1000
shale and shells	1150
broken lime	1235
broken lime	1360
sdv lime	1420
broken lime	1590
shale and shells	2117
broken lime	2146
shale and shells	2370
lime	2545
broken lime	2640
lime	2680
shale and shells	2800
lime	3155
shale and sand	3192
shale	3198
arbucklo lime	3199
lime	3223

Top of Arbucklo lime 3194

The cement plug was drilled and the hole filled up with oil in 1 1/2 hrs.

Well was acidized with 3000 gal acid.

Total Depth.

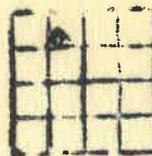
CONTINENTAL OIL CO.
J.A. Williams No. 4.

SEC. 13 T. 18 R. 8W
SW NE NW
990'S 990'W N $\frac{1}{4}$ Cor.

Total Depth. 3228'
Comm. 11-5-38 Comp. 11-20-38
Shot or Treated. 3000 Gals.
Contractor.
Issued. 12-17-38

County. Rice

CASING:
10 $\frac{3}{4}$ " 217'6"
7" 3188'



Elevation.

Production. Pot. 2486 B.
No water.

Figures Indicate Bottom of Formations.

sand & shells	219
shale & shells	1070
shale & lime	1265
shale & shells	1435
shale & lime	1535
shale & shells	2110
shale & lime	2230
shale & shells	2355
brkn lime	2375
lime	2680
shale	2760
lime	2891
K C break	2921
lime	3140
sand & shale	3183
shale	3189
Arbuckle	3192
Top Arbuckle lime	3187
lime	3228
Total Depth.	

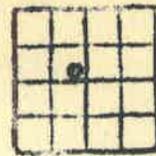
Hole filled up 3100' with oil
No pumping test on well before
acidizing.

CONTINENTAL OIL CO.
J. A. Williams No. 5.

SEC. 13 T. 18 R. 8W
SEc NW
330'W 330'N Cen Sec.

Total Depth. 3230'
Comm. 11-13-38 Comp. 11-28-38
Shot or Treated. 3000 Gals.
Contractor.
Issued. 1-14-39

County. Rice



CASING:
10 $\frac{3}{4}$ " 215'
7 " 3226'

Elevation.

Production. Pot. 2381.67 B.
No water

Figures Indicate Bottom of Formations.

surface hole	215
red shale & shells	550
shale & shells	700
salt	980
shale & shells	1100
lime brkn	1390
sand	1415
lime brkn	1845
shale & shells	2125
lime brkn	2153
shale & shells	2400
lime	2697
shale & shells	2805
lime	3125
lime & shale	3230
Total Depth.	

Top Arbuckle lime 3225

When plug was drilled well
filled up 1300' w/oil 1st
hr. The well was drilled
to a total depth of 3230'
and filled up 3000' w/oil.
No pumping test on well
before acidizing.

On initial potential test
the well pumped 793.89 bbls
oil in 8 hrs, giving the
well a 24-hr potential
of 2381.67 bbls oil. No
water

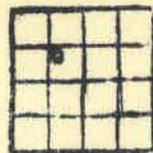
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412 Union National Bk Bldg., Wichita, Kansas

CONTINENTAL OIL CO.
J.A. Williams No. 6.

SEC. 13 T. 18 R. 8W
NW SE NW
990'N 990'W Center

Total Depth. 3230'
Comm. 4-10-39 Comp. 4-30-39
Shot or Treated. 2000 Gals.
Contractor.
Issued. 6-24-39

County. Rice



CASING:
10 3/4" 215'
7 " 3218'

Elevation.

Production. Pot. 2014 B.
No wtr

Figures Indicate Bottom of Formations.

shale & shells	16C
lime shells & shale	215
shale	255
shale & shells	406
shale	662
shale & shells	1035
lime	1109
shale & shells	1200
lime	1266
lime brkn	1444
shale	1495
lime	1609
shale & shells	1627
lime brkn	1702
shale & shells	1774
lime brkn	1852
shale & shells	1942
shale	1950
shale & shells	2097
shale	2168
shale & shells	2319
lime brkn	2370
shale	2425
shale & shells	2472
lime	2546
lime brkn	2683
shale	2720
lime	2734
shale & shells	2760
lime brkn	2835
lime	2890
lime sft	2915
lime	3133
shale	3160
lime brkn & shale	3185
lime hrd	3190
lime	3205
shale	3217
Arbuckle	3230
Total Depth.	

Total depth from cement
floor level 3229
Total fillup with oil 3150'
Top of Arbuckle lime from
cement floor level 3216'

Before acidizing the well
pumped 170 BO 3 hrs & pumped
down.

Acidized w/2000 Gals

On initial potential test the
well pumped 671.40 BO 8 Hrs
giving the well a 24-hr pot-
ential of 2014 BO, No wtr.

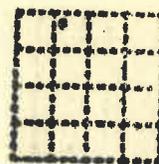
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412 Union National Bk Bldg., Wichita, Kansas

CONTINENTAL OIL CO.
J.A. Williams No. 7.

SEC. 13 T. 18 R. 8W
NW NE NW
330' S 990' W N $\frac{1}{4}$ Cor.

Total Depth. 3233'
Comm. 1-12-40 Comp. 2-4-40
Shot or Treated. 2-5-40 2000 Gals.
Contractor.
Issued. 3-30-40 Rotary 3183
Cable 3183-3232

County. Rice



CASING:
10 $\frac{3}{4}$ " 216'
7 " 3173'

Elevation.

Production. Pot. 53,447 B.

Figures Indicate Bottom of Formations. no wtr, Depth., Max. 3000B.

surface clay	20
shale & shells	1220
lime brkn	1343
shale & shells	1438
lime brkn	1823
shale & shells	1889
lime brkn	1944
shale	2133
lime brkn	2329
lime	2658
shale	2663
shale & shells	2703
shale	2723
shale & shells	2778
shale	2824
lime	2853
shale	2910
lime soft	2925
lime hrd	2942
lime soft	2947
lime hrd	2959
lime	3019
lime hrd	3054
lime	3130
lime brkn	3155
sand conglomerate	3168
shale	3173
Arbuckle dolomite	3233
Total Depth.	

Total depth from cement
floor level 3232

Arbuckle lime 3171-3232
from cement floor level
Total fillup w/oil 3000'
filled up at the rate
of 1000' per hr
2-5-40 acidized w/2000 Gals.

2-7-40 the well was given
a depthograph potential
test of 53,447 bbls oil, no
wtr. This potential estab-
lishes a maximum allowed
potential of 3000 B.O.

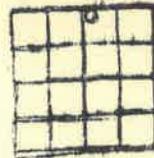
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412 Union National Bank Bldg, Wichita, Kansas.

SHELL PETRO. CORP.
E. Zajko No. 1

SEC. 13 T. 18 R. 8W.
NW NW NE
330' NL 330' WL NE $\frac{1}{4}$

Total Depth. 3242
Comm. 12-6-37 Comp. 1-3-38
Shot or Treated.
Contractor.
Issued. 1-29-38

County Rice.



CASING.

13" 242'
7" 3159'

Elevation.

Production. Pot. 2331 B.
No wtr.

Figures Indicate Bottom of Formations.

sand	41	dolomite few porous strks well
red bed and shells	245	oil stained 3230
shale	250	dolomite small amount porosity
iron	270	and oil staining 3235
anhydrite and lime	305	dolomite poor porosity small
red bed and shells	460	amount oil staining 3240
red bed and shale	540	dolomite fair porosity and
shale and shells	810	oil staining 3242
salt	1010	Total Depth.
shale	1040	
shale and lime	1506	3100 oil at 3242.
lime	1570	
lime and shale	1620	
lime and shale	1884	
lime and shale	2070	
shale and lime shells	2100	
lime	2134	
lime and shale	2405	
lime	2744	
shale and lime	2795	
lime	2800	
lime	2965	
lime	3046	
3046 equals 3042 SLC (df)		
lime	3107	
lime and shale	3145	
shale lime and sand	3161	
dolomite	3162	
dolomite, pale green shale	3167	
3167 equals 3163 SLC		
dolomite	3165	
dolomite, green shale	3170	
dolomite	3174	
some oil from porous strks		
dolomite	3180	
dolomite green shale and		
white chert	3183	
dolomite small amount of		
oil	3184	
dolomite small amt oil		
stain	3187	
dolomite	3191	
dolomite green shale & chert	3195	
dolomite	3200	
dolomite fair porosity well		
oil stained	3205	
dolomite fair porosity		
fair oil stain	3210	
dolomite	3215	
small amount oil stain	3215	
dolomite poor porosity	3225	
small amt oil staining.		
3000' oil in hole.		

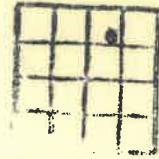
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

SHELL PETROLEUM CORP.
E. Zajic No. 2

SEC. 13 T. 18 R. 8W.
SE NW NE
990' NL 990' WL.

Total Depth. 3199
Comm. 3-7-38 Comp. 3-30-38
Shot or Treated. 2000 gal.
Contractor. Olson Drilling Co.
Issued. 4-9-38

County Rice.



CASING.

13" 221'
7" 3172'

Elevation.

Production. Pot. 2240 B.

Figures Indicate Bottom of Formations.

surface	70
surface shale	230
red bed shale and shells	435
shale	602
shale and shells	859
shale and shells	1083
gyp	1123
shale and shells	1154
shale and broken limo	1258
lime and shale	1410
limo	1525
broken limo and shale	1587
shale and limo	1792
shale and shells	2058
sdv limo	2105
limo	2131
broken limo and shale	2169
limo and shale	2233
limo	2306
limo	2576
broken lime shells	2594
limo	2610
lime and shale	2632
lime	2682
lime and shale	2708
lime	2728
lime and shale	2769
shale	2797
limo	2868
limo	3100
lime and shale	3146
sand	3158
shale	3173
dolomite	3177
3177 equals 3175 S.L.C.	
dolomite	3199

Total Depth.

Heavy oil 2860-69
oil stain 2885-2910

Core No. 1 3174-77
Non porous.
Poor porosity 3148-56

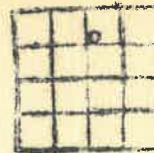
2875' oil 3175'
3000' oil 3180'

SHELL PETRO. CORP.
 E. Zajic No. 3.

SEC. 13 T. 13 R. 8W
 SW NW NE
 990' fr NW 330' fr WL NE $\frac{1}{2}$

Total Depth. 3226'
 Comm. 7-3-38 Comp. 7-28-38
 Shot or Treated. 2000 Gals.
 Contractor. Campbell Drlg. Co.
 Issued. 8-20-38

County. Rice



CASING:

10 $\frac{3}{4}$ " 252'
 7 " 3167'

Elevation.

Production. Pot. 2650 E.

Figures Indicate Bottom of Formations.

cellar	12	lime	3132
surface clay	60	conglomerate	3151
shale & lime shells	110	sand	3157
sand	190	shale	3163
shale blue	256	sand	3165
shale & shells	400	dolomite	3173
red bed	490	3173 equals 3173	
shale	740	dolomite	3226
salt	1000	Total Depth.	
shale & shells	1040		
anhydrite	1065		
shale & lime strks	1110	Core #1 3168-73	
shale & lime shells	1300	fair porosity, oil stain, bleeding	
brkn lime	1340	oil	
shale	1400	2700' oil 3025	
brkn lime	1440	Oil stain 3213	
shale & shells	1515		
shale & shells	1535		
shale	1555		
shale & lime shells	1630		
shale & lime strks	1680		
lime	1715		
brkn lime & shale	1765		
lime	1802		
shale & lime strks	1860		
shale	2050		
shale & shells	2090		
lime	2130		
brkn lime & shale	2182		
shale & lime strks	2262		
brkn lime	2375		
lime & shale strks	2400		
lime	2687		
shale	2711		
lime	2730		
shale	2758		
lime	2771		
shale	2795		
lime	2890		
brkn lime	2914		

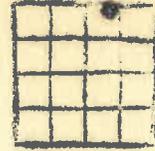
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
 412 Union National Bank Bldg, Wichita, Kansas.

SHELL PETROLEUM CORP.
 E. Zajic No. 4

SEC. 13 T. 18 R. 3W.
 NE NW NE
 330' NL 990' WL.

Total Depth, 3224.
 Comm. 7-20-38 Comp. 8-11-38
 Shot or Treated, 2000 gas.
 Contractor., Campbell Drlg. Co.
 Issued, 8-27-38

County Rice.



CASING.

10 3/4" 255'
 7" 3160'

Elevation.

Production. Pot. 2662 B.

Figures Indicate Bottom of Formations.

soil clay and sand	220	Good porosity 2799-2805
shale	256	good oil stain 2853-64
shale and shells	723	good porosity 2879-2900
salt	895	fair oil stain 3159
shale and shells	1110	
anhydrite	1130	
shale and limo streaks	1160	
shale	1200	
broken limo	1225	
shale and limo strks	1300	
limo	1330	
broken limo	1410	
shale and limo	1620	
limo and shale streaks	1700	
limo and shale	1764	
broken limo	1872	
shale and shells	2030	
limo	2045	
shale	2085	
limo and shale	2103	
shale	2118	
limo	2178	
shale and limo streaks	2240	
limo	2255	
shale and limo streaks	2325	
shale	2340	
limo	2392	
limo	2662	
shale and shells	2745	
limo	2750	
broken limo	2785	
limo	3124	
conglomerate	3136	
sand	3142	
shale and chert	3144	
sand	3148	
shale and chert	3149	
shale	3154	
sand	3159	
dolomite	3161	
3161 equals 61 S.L.M.		
dolomite	3224	
Total Depth.		

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
 412 Union National Bank Bldg, Wichita, Kansas.

SHELL PETROLEUM CO.
 E. Zajic No. 5

SEC. 15 T. 18 R. 6W.
 NW SW NE
 993' SL. 350' WL. 10 1/2'

Total Depth. 3215.
 Comma. 8-2-38 Comp. 8-18-38
 Shot or Treated.
 Contractor. Campbell Drlg. Co.
 Issued. 9-17-38

County Rice.



CASING.

103/4" 258' 7" 3190'

Elevation.

Production. Pot. 2520 B.
 No water.

Figures Indicate Bottom of Formations.

Collar	10	cong. & shalo red	3170
surface soil and yellow clay	36	cong. and shalo var. colored	3177
shale and shells	260	shalo green	3184
red rock and shalo	340	sand Oil stain.	3186
red bed shale and shells	740	shalo green	3189
shale and shells	820	dolomite	3192
salt	1020	3192 equals 92	
shale and lime strks	1055	dolomite	3200
broken lime	1095	3200 equals 3204	
shalo & lime strks	1200	dolomite	3215
broken lime and shale	1295	Total Depth.	
broken lime and shale	1555		
shale and lime streaks	1670		
lime and shale	1740		
shale and lime strks	1855		
shale and shells	2035		
shalo	2100		
lime	2135		
broken lime	2145		
shale and lime strks	2212		
shalo	2258		
broken lime	2270		
shalo	2300		
shalo	2361		
lime	2648		
shalo and shells	2790		
lime	3139		
cong. and shalo	3144		
cong. and chert	3150		
sand	3152		
cong. and shalo	3167		

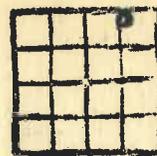
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412 Union National Bank Bldg, Wichita, Kansas.

SHELL PETROLEUM CORP.
E. Zajic No. 6

SEC. 13 T. 18 R. SW.
NW NE NE
330' NL 1045' EL. NE $\frac{1}{4}$

Total Depth. 3216.
Comm. 8-16-38 Comp. 9-2-38
Shot or Treated.
Contractor Campbell Drlg. Co.
Issued. 10-3-38

County. Rice.



CASING.

103/4" 251' 7" 3181'

Elevation.

Production. Pot. 2544 B.
no wtr.

Figures Indicate Bottom of Formations.

cellar	10
sand shale & shells	258
red bed shale and shells	560
shale and shells	700
salt	990
shale and shells	1030
anhydrite	1055
shale and lime streaks	1180
broken lime and shale	1505
broken lime	1560
shale	1570
shale and shells	1660
lime	1685
shale and lime shells	1720
broken lime and shale	1800
shale and shells	1935
shale and limestrks	2070
shale and lime shells	2145
shale and shells	2356
lime	2360
lime shale streaks	2377
lime	2565
lime and shale	2795
lime	3128
shale and sand	3132
conglomerate	3143
sand	3147
conglomerate	3155
sand	3159
cong. var. ool shale	3165
shale green	3178
dolomite	3180
3180-82 SLC	
dolomite	3216
Total Depth.	

Spotted Oil stain. 2802-05
good porosity Oil stain. 2855-62
no oil stain 2883-2903
Scattered Oil stain 2950-53
Small porosity and trace of stain. 2975-85
small amount porosity poorly oil stain 3147
fair porosity and spotted oil stain 3159
3150' oil 3195

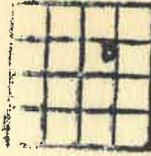
WELL LOG BUREZU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bk Bldg., Wichita, Kansas.

SHELL PETRO. CORP.
E. Zajic No. 7.

SEC. 13 T. 18 R. 8W
NE SW NE
993' fr SL 988' fr WL NE $\frac{1}{4}$

Total Depth. 3218'
Comm. 8-29-38 Comp. 9-17-38
Shot or Treated. 2000 Gals.
Contractor. Campbell Drlg. Co.
Issued. 10-22-38

County. Rice



CASING:
10 $\frac{3}{4}$ " 255'
7 " 3189'

Elevation.

Production. Pot. 2741 B.
No water.

Figures Indicate Bottom of Formations.

surface sand, clay, shale	
& shells	225
red rock, sand, shells	258
red bed	450
shale & shells	690
shale & salt	1030
shale & lime shells	1212
shale & lime strks	1355
shale & lime shells	1400
sdv shale	1410
shale & lime shells	1500
brkn lime & shale	1790
shale & lime brks	1881
shale & shells	2279
lime	2320
shale & shells	2360
shale & lime shells	2402
lime	2635
brkn lime & shale	2740
shale & lime shells	2820
trace poor oil stain	
shale & brkn lime	2869
lime	3097
lime & shale	3141
conglomerate, shale, chert	3148
sand	3152
some porosity & oil stain	
conglomerate & shale	3161
sand & shale	3163
slight oil stain	
conglomerate, shale, sand	
strks	3184
shale green	3188
dolomite	3192
strks good stain	3189-92
2550' oil	3197
dolomite	3218
Total Depth.	

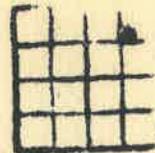
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
 412 Union National Bk Bldg., Wichita, Kansas

SHELL PETRO. CORP.
 E. Zajic No. 8.

SEC. 13 T. 18 R. 8W
 SW NE NE
 994' fr NL 986' fr EL NE $\frac{1}{4}$

Total Depth. 3218'
 Comm. 9-14-38 Comp. 9-30-38
 Shot or Treated. 2000 Gals. 3189-3218
 Contractor. Campbell Drlg. Co.
 Issued. 11-12-38 Rotary 3190
 Cable 3218

County. Rice



CASING:
 10 $\frac{3}{4}$ " 250'
 7 " 3189'

Elevation.

Production. Pot. 2630 B.
 No wtr.

Figures Indicate Bottom of Formations.

red bed & sand	157
shale & shells	300
red bed, shale & shells	700
salt	844
shale, shells & red bed	1115
lime shells & shale	1295
shale & lime strks	1537
shale & lime shells	1660
shale & lime strks	1810
shy shale & lime shells	1980
shale & lime shells	2120
brkn lime & shale	2208
shale & lime shells	2310
brkn lime	2380
brkn lime & shale	2497
lime	2600
lime brkn	2680
shale & shells	2759
lime	3081
brkn lime	3124
brkn lime & shale	3144
conglomerate	3152
sand	3157
conglomerate	3176
shale green	3188
dolomite	3190
3188 equals 3190 SLCorr.	
dolomite	3218
Total Depth.	

Trace oil stain 2814-16
 Good oil stain 2863-74
 Poor oil stain 2890-2908
 3000' oil 3194

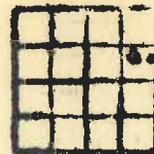
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
 412 Union National Bk Bldg., Wichita, Kansas

SHELL PETRO.CORP.
 E.Zajic No. 9.

SEC. 13 T. 18 R. 8W
 NW SE NE
 999' fr SL 988' fr EL NE $\frac{1}{4}$

Total Depth. 3227'
 Comm. 9-26-38 Comp. 10-14-38
 Shot or Treated. 2000 Gals.
 Contractor. Campbell Drlg.Co.
 Issued. 11-12-38

County. Rice



CASING:
 10 $\frac{3}{4}$ " 250'
 7 " 3204'

Elevation.

Production. Pot. 2788 B.

Figures Indicate Bottom of Formations. No wtr.

shale & shells	253
red bed, shale & shells	773
salt & shale	868
shale & shells	1180
shale & limo strks	1472
brkn lime	1610
shale & lime strks	1760
shale & limo shells	1828
brkn lime	1960
shale & shells	2105
shale & lime shells	2207
shale & shells	2265
lime	2285
shale & shells	2312
brkn lime & shale	2461
lime	2655
shale & lime	2738
brkn lime & shale	2783
lime & shale	2845
lime	2988
trace oil stain	
brkn lime	3040
lime	3160
conglomerate	3161
sand	3164
light oil stain	
conglomerate	3189
fair por. & some stain	
shale green	3203
dolomite	3205
fair oil stain	
3209 equals 3205 SL Corr.	
dolomite	3227
Total Depth.	

1600' oil at 3208
 2900' oil at 3212
 3150' oil at 3225

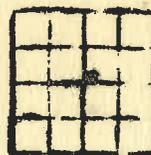
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

SHELL PETROLEUM CORP.
E. Zajic No. 10.

SEC. 13 T. 18 R. 8W.
SW₄ NE
330' SL 330' WL NE₁¹/₄

Total Depth. 3227.
Comm. 10-9-38 Comp. 10-26-38
Shot or Treated. 2000 gal acid.
Contractor. Campbell Drlg. Co.
Issued. 11-26-38

County Rico.



CASING.

103/4" 227' 7" 3212'

Elevation.

Production. Pot. 2733 B.
No wtr.

Figures Indicate Bottom of Formations.

rod bed and shells	250
shale shells red bed	600
shale and shells	750
salt	990
shale and shells	1430
shale and limo strks	1570
shale and limo shells	1740
shale and shells	1865
shale and limo shells	2035
shale and limo strks	2125
shale and limo shells	2270
lime	2310
brokon lime andshale	2403
lime and shale brokon	2408
lime	2417
shale and lime shells	2473
lime	2690
shale and shells	2725
lime	2745
brokon lime	2805
lime	3158
conglomerate, shale some	
chort and quartzite	3171
sand	3173
light oil stain.	
conglomerate	3196
slightly porosity, light oil	
stain, 3177-79, 3184-86,	
3188-91	
shale green	3206
sand fair to good oil	
stain and strks green	
shale	3211
dolomito	3213
fair porosity and oil stain.	
3214 equals 13 SLC.	
dolomito	3227

Total Depth.

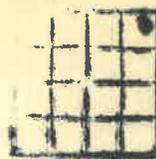
1350' oil 3217
2630' oil 3221

SHELL PETRO. CORP.
 E. Zajic No. 11.

SEC. 13 T. 18 R. 8W
 NE₄ NE
 330' fr NL 330' fr EL NE₄

Total Depth. 3213'
 Comm. 10-22-38 Comp. 11-14-38
 Shot or Treated.
 Contractor. Campbell Drlg.Co.
 Issued. 12-10-38

County. Rice



Elevation.

CASING:
 10³/₄" 226'
 7 " 3194'

Production. Pot. 2717 B.
 No wtr.

Figures Indicate Bottom of Formations.

shale & shells	250
red rock, shale & shells	575
red rock & shale	680
salt	725
shale, red rock & salt	1035
shale & shells	1144
shale & lime shells	1510
shale & shells	1635
shale & lime shells	1760
brkn lime & shale	1815
brkn lime	1890
shale & shells	1951
brkn lime & shale	2043
shale ^o lime strks	2108
shale & lime shells	2175
shale & shells	2350
brkn lime & shale	2397
brkn lime	2430
lime	2550
lime	2659
brkn lime & shale	2737
brkn lime	2786
lime	2937
2813-19 poor oil stain, fair to good porosity	
2864-73 fair porosity w/strks fair to good oil stain	
2895-2913 good porosity-few thin strks fair oil stain	
lime	3091
2993-3000 few thin strks lgt oil stain - slight porosity	
lime & shale brkn	3134
brkn lime	3158
conglomerate-mostly vari-colored shale, hrd large amt chert in top part-btm part sdy-some inter-mixed lime & quartzite	3164
conglomerate as above w/shale increasing-sm amt chert & sand	3181
shale green	3187
sand med hrd = green shale & pyrite	3193
dolomite - parts w/good porosity & oil stain	3195
SIC 3194 equals 3195	
dolomite 3000' oil in hole	3213
Total Depth.	

1400' oil at 3199 at 3:30 PM
 2000' oil at 3199 at 4:00 PM
 2900' oil at 3199 at 5:00 PM

SHELL PETRO. CORP.
 E. Zajic No. 12.

SEC. 13 T. 18 R. 8W
 SE SW NE
 330' fr SL 987' fr WL NE 1/4

Total Depth. 3227'
 Comm. 11-6-38 Comp. 11-23-38
 Shot or Treated.
 Contractor. Campbell Drlg Co.
 Issued. 12-24-38

County. Rice



CASING:
 10 3/4" 210'
 7" 3211'

Elevation.

Production. Pot. 2630 B.
 No wtr.

Figures Indicate Bottom of Formations.

shale, shells, sand	250	dolomite grey to wh, strks	
red bed	315	fair to good por & stain	3212
red bed, shale & shells	670	dolomite	3227
red bed & shale	700		
salt & shale	865	Total Depth.	
shale, shells, salt	947	2900' oil	3215
shale & salt	1015	Top Arbuckle Dol	3210
shale & lime shells	1195		
shale & lime strks	1330		
shale & lime shells	1515		
shale & lime strks	1645		
shale & shells	1920		
shale & lime shells	2005		
shale & lime strks	2067		
shale	2105		
lime	2138		
shale	2145		
shale & lime shells	2214		
brkn lime, shells, shale	2268		
shale	2288		
shale & lime strks	2365		
brkn lime	2411		
lime	2486		
shale	2498		
shale & lime	2503		
lime	2528		
brkn lime	2602		
lime	2656		
brkn lime & shale	2693		
shale	2718		
lime	2728		
brkn lime & shale	2773		
lime	3016		
good to fair por w/slight			
trace poor stain	2813-22		
strks fair por & fair oil			
stain	2872-78		
good porosity, no oil			
stain	2894-2915		
porosity w/few strks fair			
staining	2952-56		
fair to poor por., trace poor			
oil stain	2993-98		
lime	3110		
brkn lime	3154		
conglomerate, mostly shale			
grey to brown w/strks grey			
lime & intermixed chert in			
upper part	3168		
conglomerate shale as above			
w/strks sand having poor			
porosity & none to light			
oil stain	3189		
sand strks from	3185-87		
shale green med hrd	3193		
shale green w/intermixed			
pyrite, mostly pyrite in			
btm part	3206		
sand med sft, strks fair por.			
& oil stain	3210		

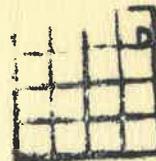
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412 Union National Bank Bldg, Wichita, Kansas.

SHELL PETROLEUM CORP.
E. Zajic No. 13

SEC. 13 T. 18 R. 8W.
SE NE NE
988' NL 330' EL.

Total Depth. 3217
Corm. 12-5-38 Comp. 12-19-38
Shot or Treated.
Contractor. Campbell Drlg. Co.
Issued. 1-21-39

County Rice.



CASING.

103/4" 228'
7" 3202

Elevation.

Production. Pot. 2449 B.
no wtr.

Figures Indicate Bottom of Formations.

cellar	10	2813-19 good porosity, small amount fair oil stain
surface soil and yellow clay	35	2865-79 strks of fair porosity and fair oil stain.
yellow surface clay	95	2897-2916 good porosity and poor Oil stain.
sand	115	2995-3013 slight to fair porosity poor oil stain.
shale and shells	525	3158-88 poor porosity and no oil stain
shale and red bed and shells	705	3201-3203 slight porosity with light oil stain.
salt	860	1200' oil at 3209
shale and salt	1000	2700' oil at 3209
shale and shells	1060	2800' oil at 3209
shale and lime shells	1440	3000' oil in hole 3217
lime and shale	1525	
shale and shells	1588	swabbed 460 bbls of oil and no water in 4 hours
shale and shells	1675	1625' off bottom.
shale & lime shells	1844	
shale and shells	2125	Top of Arbuckle Dolomite 3201 SLC
shale & lime strks	2240	
shale	2255	
broken lime	2365	
lime	2418	
lime	2464	
broken lime	2505	
lime	2585	
broken lime & shale	2680	
shale & lime strks	2771	
lime broken	2789	
lime	2865	
lime broken	2924	
lime	3177	
conglomerate	3190	
shale	3202	
dolomite	3204	
3204 equals 3203 SLC		
dolomite	3217	
Total Depth.		

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

SHELL OIL COMPANY, INC.
E. Zajic No. 14

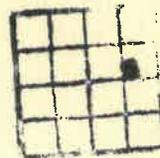
SEC. 13 T. 18 R. 8W.
SW SE NE
330' SL 989' EL. NE $\frac{1}{2}$

Total Depth. 3225 equals 3226
Comm. 3-24-39 Comp. 4-24-39
Shot or Treated.
Contractor.
Issued. 5-27-39

County. Rice.

CASING.

Rotary 3222
Cable 3222= 3226



85/8" 210'
 $4\frac{1}{2}$ 3212'

Elevation.

Production. Pot 1583 B.
no wtr

Figures Indicate Bottom of Formations.

surface	35
surface	170
shale and shells	180
lime	185
lime shells	212
shale	265
shale and lime	
streaks	350
shale and shells	507
shale and lime	
streaks	620
shale	951
shale	1030
anhydrite	1055
anhydrite & shale	1105
anhydrite and shale	
breaks	1175
anhydrite and	
shale	1200
shale & lime	
shells	1267
shale	1350
lime and shale	1436
lime and shale	
strks	1529
lime and shale	1571
broken lime	1626
shale and lime	
strks	1652
lime and shale	
strks	1735
lime and shale	1883
lime	1905
sand	1915
shale	1939
sdv shale and	
shells	2002
lime & shale	2021
lime	2058
shale and lime	2105
lime and shale	
breaks	2163
lime and shale	
strks	2225
shale	2243
shale and lime	2356
lime	2493
lime	2676
lime and shale	2761
lime	2785

lime	3143
conglomerate and shale	3164
dolomite	3176
conglomerate shale Var Col	3183
sand small amt oil stain	3184
conglomerate, chert Shale Var. col.	3196
shale green	3211 trace oil stain
dolomite	3213
dolomite	3214
dolomite	3222
dolomite	3223 equals 3222
dolomite	3225
3225 equals 3226 S.L.	
dolomite	3226

Total Depth.

Top Arbuckle Dol. 3211
fair porosity with some spotted
staining, probably water bearing 2814-22

some porosity slight spotted
staining 2767-75
good porosity no oil staining 2898-2913
Trace oil staining 3183 & small amt at 3184
core No. 1 3214-22 Recovery total $7\frac{1}{2}$ '
Top $1\frac{1}{2}$ ' dolomite sdy in strjs of green
dolomite shale. Poor porosity no stain
next $1\frac{1}{2}$ ' dolomite mod fair porosity
and Oil stain, bleeding oil.
next $\frac{1}{2}$ ' dolomite cream pale green
shale no porosity and no stain.
bottom 4' dolomite Mod soft good porosity
and well oil stained, bleeding oil.
3223= 3222 SLC
950' wtr head in hole.
1460' fluid at 3222

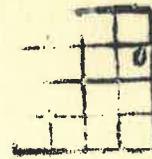
Swab 78 bbls oil and no water per hr for 3
hours 2150' off bottom.
Bailed 2' of mud out of hole
Established static Potential 1583 bbls
of oil and no water.

SHELL OIL CO. INC.
 E. Zajic No. 15.

SEC. 13 T. 18 R. 8W
 NE SE NE
 999' EL 330' EL NE $\frac{1}{4}$

Total Depth. 3228
 Comm. 4-15-39 Comp. 5-9-39
 Shot or treated.
 Contractor. company tools.
 Issued. 7-8-39

County / Rice.



CASING.

85/8" 202'
 4 1/2" 3212'

Elevation.

Production. Pot. 1276B.

Figures Indicate Bottom of Formations.

shale and shells	202	dolomite brown to buff	3217
shab	300	3070' oil	
shale and shells	730	dolomite porous brown	3221
shale and shells	760	dolomite	3228
shale and salt	900	Total Depth.	
shale	978		
salt and shale	1040	Swab 183 bbls oil in 3 hours	
anhydrite & shale	1088	2200' off bottom. Established Temporary	
anhydrite	1178	State pot. of 1376 bbls and no wtr	
shale and lime strks	1294	by swabbing 567.25 bbls oil 8 hours	
shale and lime	1417	from 2880 to 1800' off bottom.	
lime	1463		
shalo and limo	1613	Fair porosity with small amount of	
shale and shells	1690	good oil staining, somewhat	
shale and limo	1845	spotted	2816-23
shale	1956		
shale & lime	2104	poor porosity with small	
sticky shale	2115	amount of dead oil stain	2868-80
shalo	2173		
shalo and limo	2357	Fair porosity no oil staining, probably	
shalo	2385	water bearing.	2899-2908
lime and shale	2400		
broken lime	2406	Some porosity with trace of	
lime and shale		light oil stain	3182-3183
streaks	2440		
lime and shale	2445	traces oil stain	3185-3199
lime	2535		
broken lime	2603	some porosity and	
lime	2718	oil stain	3211-3213
lime and shale	2799		
lime	2930	oil stained in part	3213-3217
lime	3110		
lime and shale		well oil stained	3217-3221
streaks	3143		
conglomerate shale			
green	3150		
conglomerate, shale			
vari-colored chert			
and quartz	3167		
conglomerate dol.			
yellow to brown	3176		
conglomerate shale			
Varicolored sdy	3182		
sand	3183		
cong. shale varicolored			
sdy	3199		
shale green	3211		
dolomite	3213		
Top Arbuckle Dol.	3211 SLM		
2975' fluid			
filled at rate of 32.5 bbls			
per hour. 3070' fluid			

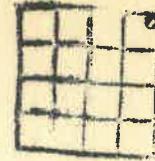
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL Co.
J.A. Lewis No. 1.

SEC. 14 T. 18 R. 8W.
NEc NE
330' S 330' W of NE cor.

Total Depth. 3242.
Comm. 5-1-38 Comp. 5-18-38
Shot or Treated.
Contractor.
Issued. 7-30-38

County Rico.



CASING.

10 3/4" 200'
7" 3229'

Elevation.

Production. Pot. 1455.24B.

Figures Indicate Bottom of Formations.

surface	40
sand and shale	200
shale and red rock	640
shale	850
salt	1025
shale and shells	1400
sand	1425
broken lime	1655
shale and shells	2140
broken lime	2165
shale and shells	2380
broken lime	2445
lime	2645
broken lime	2655
lime	2690
shale and shells	2775
lime	2800
broken lime	2826
lime	3120
broken lime	3180
shale and sand	3208
shale	3235
Arbuckle lime	3240
lime	3242

Top of Arbuckle lime 3228'

Total Depth.

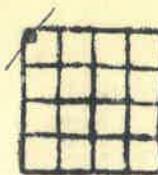
On a 6 hour pumping test the well pumped 373.86 bbls oil. no water.
On initial potential test the well pumped 242.54 bbls oil the first
four hours and 245.22 bbls of oil the last four hours giving the well
a 24 hour potential of 1455.24 bbls of oil. No water. Nat. No acid used.

HERNDON DRLG. CO. ET AL.
 H. Froning No. 1.

SEC. 15 T. 18 R. 8W
 NWc NW

Total Depth. 3405'
 Comm. 1-23-38 Comp. 2-9-38
 Shot or Treated.
 Contractor,
 Issued. 2-26-38

County. Rice



CASING:

103/4" 210'

Elevation.

Production. Dry

Figures Indicate Bottom of Formations.

cellar	10	brkn lime	3105
surface soil & sand	40	lime	3195
shale & shells	210	shale & lime	3243
shale	300	shale blue	3258
anhydrite	320	chert conglomerate	3314
red rock & shale	510	various col. shale	3325
red rock, shale & shells	810	Viola lime	3334
shale	870	Simpson shale red &	
salt	1040	green	3370
shale & shells	1125	Simpson shale green	3375
brkn lime	1385	Arbuckle lime	3405
shale & shells	1500	Total Depth.	
lime	1550		
brkn lime	1700		
shale & shells	1940		
shale	2025		
lime	2033		
brkn lime	2145		
shale & shells	2180		
lime	2210		
brkn lime	2325		
shale	2390		
lime	2430		
shale	2470		
lime	2506		
shale	2510		
lime	2723		
brkn lime	2780		
shale sft	2811		
shale	2820		
lime	2834		
soft	2843		
shale	2865		
lime	2915		
K.C. break	2917		
core hole	2927		
lime	3002		
break soft	3007		
shale	3015		
lime	3090		

THREE RIVERS OIL COMPANY.
Buehler No. 1.

SEC 17 T. 18 R. 8W.
NWc NW

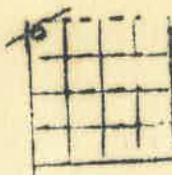
Total Depth. 3435
Comm. 7-5-35 C mp. 8-31-35.
Shot or Treated.
Contractor.
Issued. 10-5-35

County. Rice.

CASING.

10" 445'
8 1/4" 1986'
UR 3007'
CR 3188' UR 3259'

7425
1748
1677



Sc. T
K.C. 2895
Comp 3230
Sil 3425

Elevation 1748

Production. DRY

Figures Indicate Bottom of Formations.

clay yellow	30	shale blue	1610	lime broken	2765
mud light	60	lime	1625	lime	2780
sand	75	red rock	1640	shale blue & lime	2828
broken lime	90	no log	1655	caving at 2760	
sand 3 BW 90	102	lime	1665	shale dark	2860
shale blue	106	broken lime	1700	shale	2895
red rock	120	shells slate blue	1720	lime grey	2900
shale blue	190	red rock	1725	Gas at 2910	
shale blue	210	lime grey	1735	bailer and 4 1/2 BO at 2913	
sand HFW	230	shale dark	1740	lime hard	2932
shale blue	250	lime	1758	lime white	2985
shale blue	315	red rock and lime		water sand	3000
red rock	340	shells	1775	hole full	
shale blue	355	lime red rock	1810	2987 HFW	
red rock	375	hole caving.		sand	3023
lime	400	lime white	1820	bailing water	
red rock	445	shale	1825	lime	3043
red rock	450	broken lime	1880	broken lime	3048
shale blue	475	broken lime	1925	lime	3065
lime	479	shale blue	1930	broken lime	3095
shale blue	495	hole caving.		lime	3120
red rock	640	broken lime	1950	shale	3125
lime grey	643	shale white	1985	lime	3170
shale blue	660	shale blue	2020	Rainbow at 3152	
lime grey	665	lime 4 BW	2033	shale	3174
shale blue	690	shale	2040	lime hard	3185
shale blue	740	water 2030 3 1/2 BWPH		shale blue	3188
sdv shale	750	slate blue & shells	2125	shale red	3192
shale blue	870	slate blk	2145	lime shells	3193
shale blue	875	lime white	2160	shale	3203
1/2 BW 900		shale blue	2195		
salt	1060	sdv lime	2205	shale	3205
salt	1100	shale blue	2232	shale	3214
shale blue	1108	lime	2245	shale	3217
lime	1110	broken lime	2250	shale	3222
shale blue	1125	lime grey hard	2280	sdv shale	3230
lime & shale blue	1155	slate blk	2285	shale red	3240
shale red	1165	shale	2310	red rock	3250
broken lime & shale	1190	lime	2322	lime shale	3255
lime hard	1213	lime	2355	shale green	3258
shale blue	1221	shale	2360	red rock	3265
lime	1230	lime	2375	lime	3282
broken lime	1355	lime grey	2390	lime hard	3290
red rock	1359	shale	2400	broken lime	3320
broken lime	1380	lime	2425	lime hard	3390
shale blue	1385	lime sdv	2465	red rock	3400
broken lime	1390	HFW 2450-2460		lime	3420
broken lime	1440	lime grey	2478	shale green	3425
lime white	1500	shale blue	2480	lime	3435
sharp wh lime	1512	lime	2535	Total Depth.	
1/2 BW 1440-1445		lime white	2570		
lime	1518	shale blue	2575		
broken lime	1525	lime grey	2600		
2 BW 1500-1508		lime white	2622		
shale blue	1530	broken lime	2640		
lime wh hard	1540	lime grey	2655		
broken lime	1575	lime white	2695		
lime grey	1600	sdv lime	2710		
broken lime dark	1605	sdv lime white	2750		

3220
1748
1577

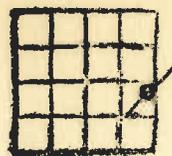
3265
1748
1517

CITIES SERVICE OIL
Temple No. 1.

SEC. 23 T. 18 R. 8W
NEc SE
330'S 330'W of E/4 Cor.

Total Depth. 3296'
Comm. 9-1-38 Comp. 9-18-38
Shot or Treated.
Contractor. Corbett and Barbour
Issued. 10-1-38

County. Rice



Elevation. 1738

CASING:
12 $\frac{1}{2}$ " 208'

Production. Dry

Figures Indicate Bottom of Formations.

surface sand & clay	60	conglomerate	3267
shale & shells	300	shale	3281
red beds & shells	467	Siliceous lime	3291
red rock	580	core	3296
blue shalo & shells	775	Total Depth.	
shale & shells	820		
salt & shells	1074		
brkn lime & shale	1255	Core 3291-96 (4 $\frac{1}{2}$ ' rec)	
lime shells & shalo	1284	Drill stem test at 3296 T.D.	
brkn lime	1384	360' wtr, 15 min.	
lime	1401	22,660 chlorides; heavy	
brkn lime	1475	hydrogen sulfide	
shale & shells	1545	SLM 1250=1250	
lime	1585		
brkn lime	1605	Top Lansing 2833	
lime	1645	Top Weathered Siliceous 3281	
brkn lime	1745	Top Solid Siliceous 3285	
shale & shells	1880	Pen. 11'	
limo shells & shale	1925	T.D. 3296'	
brkn lime	1967		
shale sticky	2083		
shale	2140		
limo brkn	2248		
limo	2258		
shale & shells	2405		
limo & pyrite	2433		
limo	2469		
shalo	2473		
Topeka lime	2550		
limo.	2710		
shale	2818		
K.C. lime	2842		
brkn lime	2850		
lime	2870		
K.C. lime	2905		
K.C. lime & chert	2917		
K.C. lime	3031		
SLM - no correction			
lime	3118		
K.C. lime	3180		
conglomerate	3198		
brkn lime	3233		
Viola lime	3242		
chert	3250		
lime	3255		

3281
1738

-1543 ARB

2833
1738

-1095 LS

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
 Union National Bk Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.-COMMUNITY
 B. B. Ainsworth No. 1.

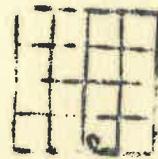
SEC 24 T. 18 R. 8W.
 SWc SE
 330' fr SL 330' fr WL

County. Rice.

Total Depth. 3180
 Comm. 2-26-36 Comp. 4-4-36
 Shot or Treated. 4000 gal acid.
 Contractor. Herndon Drlg Co.
 Issued. 5-2-36.

CASING.

13" 165' 53/4" 3167



SAT.
 K.C. 2785
 Sil. 3166

Elevation. 1732

Production. Pot. 1395 B.

Figures Indicate Bottom of Formations.

22 1/2 hours.

		lime	3040
		shale and lime	3050
		broken lime	3065
		lime	3090
		shale	3100
		shale and lime	3160
		shale	3173
		sand and shale	3176
		lime	3183
		3183 equals 3173 SLC	
		lime	3173
		showing oil at 3173 CORR'	
		increase 750 to 2500' Oil while	
		deepening.	
		Increase 2500 to 3100 oil in 1	
		hour.	
		lime	3180
		Total Depth.	
No log	55		
shale	100		
sand	135		
shale and shells	155		
shale and lime	165		
shale	225		
red rock	250		
shale and shells	460		
shale and shells	670		
salt	740		
salt and shale	850		
shale and shells	940		
shale	1005		
lime	1020		
shale and shells	1070		
lime and shale	1225		
broken lime and shale	1410		
lime	1480		
shale	1485		
broken lime	1615		
shale and shells	1765		
shale	1800		
lime and shells	1815		
shale	1870		
shale and shells	2055		
lime	2070		
shale	2105		
broken lime	2180		
lime	2190		
broken lime	2360		
lime	2550		
lime	2675		
shale and shells	2780		
shale	2785		
lime	2955		
show oil 2874-2903			
lime	3000		
shale	3005		

2785
 1732
 1053

3166
 1732
 1434

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

COMMUNITY-CONTINENTAL ET AL.
B. B. Ainsworth No. 2

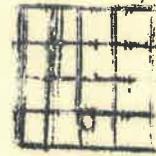
SEC. 24 T. 18 R. 8W
NW SW SE
990' SL 330' WL

Total Depth, 3222
Comm. 10-29-36 Comp. 11-28-36
Shot or Treated. 4000 gal acid.
Contractor. Herndon Drilling Co.
Issued. 12-26.-36

County Rice.

CASING.

13" 177' 7" 3204'



Elevation.

Production. Pot. 1330B.

Figures Indicate Bottom of Formations.

surface	40
clay and sand	115
shale and shells	300
red rock	350
shale and shells	820
salt	960
shale and shells	1050
broken lime	1120
broken lime	1180
shale and shells	1195
broken lime	1520
lime	1555
shale and shells	1760
shale and shells	2095
lime shells	2115
shale and shells	2155
shale	2260
broken lime	2285
lime	2535
lime	2625
broken lime	2665
shale and shells	2725
lime	2770
shale	2785
lime	2798
shale	2808
lime	2855
sdv lime	2864
lime	2875
broken lime	2900
lime	2935
broken lime	2975
lime	3000
lime	3092
shale	3145
conglomerate	3201
dolomite	3204
dolomite	3222

Total Depth.

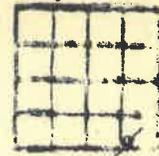
CONTINENTAL OIL -COMMUNITY.
 B.B. Ainsworth No. 3

SEC. 24 T. 18 R. 8W.
 SW SE SE
 330' fr SL 990' fr EL

DEEPENING RECORD.

Total Depth. . 3940
 Comm. 5-27-37 Comp. - 6-25-37
 Shot or Treated.
 Contractor.
 Issued. 1-29-38

County Rice.



Elevation.

103/4" 180' 7" 3230'
 5 1/2" 3575

Production. Dry.

Figures Indicate Bottom of Formations.

shale and shells	130
sand	150
shale and shells	180
shale and shells	395
shale and shells salt	830
salt	1000
shale and shells	1210
shale and shells	1330
sand and shale	1367
broken lime	1645
lime and shale	2028
broken lime and shale	2154
shale and shells	2325
lime	2358
lime	2575
lime and shale	2715
shale and shells	2750
lime	2850
shale	2875
lime	2905
lime	3075
shale	3121
shale and conglomerate	3160
conglomerate	3182
shale	3198
dolomite	3201
conglomerate green and red shale sdy in part with some chert	3213
dolomite	3214
dolomite (core)	3227
small show oil 3225-27	
green shale& cong.(core)	3230
dolomite(core)	3235
fair porosity with fair show oil	
dolomite	3251
Total Depth.	

DEEPENING RECORD.

OLD T.D.	3251
Comm. 11-11-37	
Comp. 1-8-38	
Prod. Salt Wtr Disposal well.	
Cable measurement 3251-	3244
lime	3258
shale green	3260
lime	3275
lime	3336
sdv lime	3360
lime	3431
sdv lime	3439
lime	3605
sdv lime	3645
red sdv lime	3661
sand	3748
sdv lime	3762
sand	3922
sand	3940

Total Depth.

small show oil 3235-36
 hole full wtr 3236-47

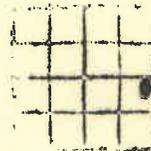
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

COMMUNITY-CONTINENTAL ET AL.
B.B. Ainsworth No. 4

SEC. 24 T. 18 R. 3W.
NEc SE
330' NL 330' EL SE $\frac{1}{4}$

Total Depth. 3171
Corm. 9-2-39 Comp. 9-25-39
Shot or Treated.
Contractor. Prunty Drilling Co.
Issued. 10-28-39

County Rico.



CASING

10 3/4" 212
7" 3075'

Elevation

Production Pot. 2124 B.

Figures Indicate Bottom of Formations. No wtr.

clay	20
sand	30
shale	75
sand	95
shale	150
shale lime shells	212
shale and shells	757
shale	1030
broken lime	1306
shale	1396
lime	1523
shale and shells	1995
shale	2037
shale and lime shells	2190
shale and shells	2250
broken lime	2371
lime	2606
shale	2651
shale and shells	2707
broken lime	2754
lime hard	2790
lime soft	2799
lime	2936
lime	3030
broken lime	3047
shale and shells	3070
shale	3075
dolomite	3079

3079 equals 3078 S.L. Corr.

Top of Arbuckle dolomite 3074 SIC
dolomite 3078
Dolomite 3171

Total Depth. show oil 2900-10
show oil 3075-79

hole full oil 3129-3134
hole full oil 3134-3149
hole full oil 3149-3165
hole full oil 3165-3171

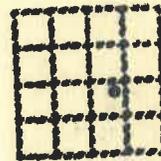
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY.
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO. (COMMUNITY)
B.B. Ainsworth No. 5

SEC. 24 T. 18 R. 8W.
NE NW SE
330' fr NL 990' fr WL SE $\frac{1}{2}$

Total Depth. 3180
Comm. 10-6-40 Comp. 10-27-40
Shot or Treated.
Contractor. Prunty Drilling Co.
Issued. 11-30-40

County Rice.



CASING.

103/4" 206' Cemented.
6" 3118' Cemented.

Elevation.

Figures Indicate Bottom of Formations. No wtr. Drawdown Echo.
Production. Pot. 5135 B.
Allowed Pot. 3000 B.

surface	70
shale and shells	215
shale	880
shale and shells	1070
broken lime	1512
shale and shells	1758
broken lime	2142
shale and shells	2386
lime	2640
shale	2723
lime	3094
lime and chert	3105
chert and conglomerate	3110
shale	3118
dolomite	3141
3141 equals 3140 S.L. Corr.	
dolomite	3180

Total Depth.

Top Arbuckle Dolomite 3117 SIC.

Drilled cement plug 3128.
950' oil
2850' oil
drilled cement plug 3136
3100' oil

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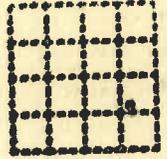
412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO. (COMMUNITY)
B.B. Ainsworth No. 6.

SEC. 24 T. 18 R. 8W.
SW NE SE
990' f NL 990' f EL SE $\frac{1}{4}$

Total Depth. 3198
Comm. 1-8-41 Comp. 1-28-41
Shot or Treated.
Contractor. Prunty Drilling Co.
Issued. 3-8-41

County Rice.



CASING.

10 3/4" 208' cemented.
6" 3125' cemented.

Elevation.

Maximum

Production. Pot. 3000 B.

Figures Indicate Bottom of Formations. No water by Echometer
drawdown test.

shale and shells	215	
shale	575	
shale and shells	990	
salt	1005	
shale and shells	1098	
shale	1248	
shale and shells	1423	
lime	1512	
broken lime	1525	
shale and shells	2072	
broken lime	2125	
shale and shells	2340	
lime	2348	
broken lime	2417	
lime	2462	
broken lime	2509	
lime	2654	
shale	2674	
lime	2789	
broken lime	2872	2742 = 2729 S.L.C.
lime	3081	
shale and shells	3124	
dolomite	3198	

Total Depth.

show of oil 3132
Free oil 3134-43
400' oil 2 hours 3145
1400' oil 4 hours 3145
2800' oil 3150
3000' oil 3156
3050' oil 3192
Swab 108 bbls oil and no wtr 2 hours 3198

Top of Arbuckle Dolomite 3124.

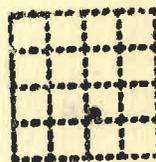
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412 Union National Bk Bldg., Wichita, Kansas

CONTINENTAL OIL CO (COMMUNITY)
B.B. Ainsworth No. 7.

SEC. 24 T. 18 R. 8W
SW NW SE
990' fr NL 330' fr WL SE $\frac{1}{4}$

Total Depth. 3187'
Comm. 3-2-41 Comp. 3-19-41
Shot or Treated. 2000 Gals. Acid
Contractor. Prunty Drlg. Co.
Issued. 4-5-41

County. Rice



CASING:
9 5/8" 196' Cem.
6" 3170' Cem.

Elevation.

Production. Pot. 2538 B. Echo.

Figures Indicate Bottom of Formations. Draw-down, No wtr

clay, shale & shells	100
shale & shells	565
shale	1010
lime brkn	1348
lime	1559
lime brkn	1609
shale & shells	1798
shale	2100
lime	2111
lime brkn	2361
lime	2655
shale	2720
lime	2860
lime sft	2880
lime brkn	2912
lime	3110
lime brkn	3122
shale	3170
dolomite	3175
3175=3174 SLM(DP)	
dolomite	3187
3025' oil in hole	
Total Depth.	

Swab 200 oil & 0 wtr 4 hrs
Acidized 2000 Gals.
Established State potential
of 2538 oil & 0 wtr by
Echometer draw-down test.

Top Arbuckle dolo. 3169

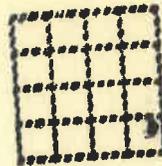
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CONTINENTAL OIL CO. (COMMUNITY)
B.B. Ainsworth No. 8

SEC. 24 T. 18 R. 8 W
NE SE SE
990' FSL 330' FEL SE $\frac{1}{4}$

Total Depth. 3184
Comm. 12-3-41 Comp. 12-21-41
Shot or Treated.
Contractor.
Issued. 1-24-42

County Rice.



CASING.

103/4" 196' cemented.
6" 3111' cemented.

Elevation.

Ind. Cap. Echo.
Production. DD 16,556 B.
& no wtr. allowed
Pot. of 3000 B.

Figures Indicate Bottom of Formations.

shale and shells	207	
shale and shells	991	
broken lime	1285	
lime	1436	
lime	1570	
shale	1614	
lime	1705	
broken lime	1732	
shale and shells	1888	
broken lime	2052	
lime	2159	
shale and shells	2299	
lime	2349	
broken lime	2409	
lime	2515	
broken lime	2570	
lime	2610	
shale	2682	
broken lime	2827	
lime	3070	
shale	3095	
sand	3105	
lime	3110	
dolomite	3124	
dolomite	3135	
dolomite	3154	3000' oil in hole at 3142
dolomite	3154	3000' oil in hole
dolomite	3184	3050' oil in hole

Total Depth.

Swab 170 bbls oil and no wtr 4 hours
3050 to 1884' off bottom.

Top Arbuckle Dolomite 3110

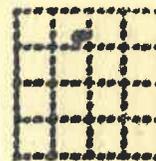
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CONTINENTAL OIL CO.
J. N. Diskey No. 2.

SEC. 24 T.18 R.8W
SE NE NW
990' S 330' W N $\frac{1}{4}$ Cor.

Total Depth. 3183'
Comm. 3-24-40 Comp. 4-10-40
Shot or Treated. 1000 Gals Acid
Contractor.
Issued. 6-29-40

County. Rice



CASING:
10 $\frac{3}{4}$ " 195'
7 " 3179'

Elevation.

Production. Pot. 15,122 B. Echo.
630 BW
Max. 3000 B.

Figures Indicate Bottom of Formations.

surface clay	15
shale	60
shale & lime shells	204
shale & shells	950
lime brkn	1488
lime	1607
lime brkn	1682
shale & shells	2090
lime brkn	2147
lime	2189
shale & shells	2350
lime brkn	2391
lime	2647
lime sdy	2720
shale & shells	2780
lime	2864
lime hrd	2874
lime sft	2920
lime hrd	3008
lime	3143
conglomerate	3155
shale	3178
Arbuckle dolomite	3183
Total depth from cement floor level	3183
Total Depth.	

Top of Arbuckle lime from cement floor level 3177
Drilled plug at 3179 & hole filled up 400' w/oil in one hr-Total fillup w/oil 3000'
4-13-40 on pumping test well pumped 143 BO in 5 hrs
4-13-40 acidized w/1000 Gals.
The well was given an Echometer Pot. of 15,122 BO & 630 BW.
This potential established a maximum potential of 3000 BO minus 630 BW or an allowed potential of 2370 Bbls oil.

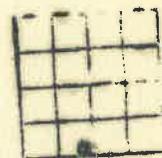
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 Union National Bk Bldg, Wichita, Kansas.

CONTINENTAL OIL CO. (COMMUNITY)
 G.F. Gibson No. 1

SEC 24 T. 18 R. 8W.
 SEcSW
 330' fr SL 330' fr EL SW $\frac{1}{4}$

County. Rice.

Total Depth, 3173
 Comm. 4-12-36 Comp. 5-11-36.
 Shot or Treated, 4000 gal.
 Contractor, Herndon Drlg Co.
 Issued, 6-6-36



Sec. T
 31 3161

CASING.

16" 160'
 7" 3163'

Elevation, 1719

Production, Pump 1434 B.O.

Figures Indicate Bottom of Formations. No wtr 24 Hr. Pot.

shale and sand	70
shale and shells	153
No log	160
shale and red rock	350
shale and shells	800
salt	950
shale and shells	1200
shale and limo	1310
shale and limo	1410
limo	1440
brokon limo	1495
limo	1545
shale	1555
shale and brokon limo	1705
shale and shells	1885
shale	1970
brokon limo	2005
limo	2035
brokon limo	2265
limo	2300
brokon limo and shale	2321
brokon limo	2400
limo	2465
brokon limo and shale	2524
brokon limo	2670
shale	2685
shale and limo	2760
shale	2777
limo	2871
No log	2892
limo	2945
limo and shale	2995
limo	3130
limo and shale	3140
shale	3152
shale	3165
limo	3167
show oil 3167.	

3167 equals 3165 S.L.C
 limo 3173
 1800' oil in 1 hour. Total Depth.
 3100' oil in 15 hours.

Swab 60 bbls oil per hr for 6 hours.
 Pump 990 bbls oil and no wtr 16 hrs.

3167
 1719
 1446

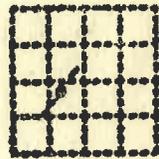
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412 Union National Bank Bldg, Wichita, Kansas.

CONTINENTAL OIL CO.-COMMUNITY.
G.F.Gibson No. 3

SEC. 24 T. 18 R. 8W.
NW NE SW
330'NL 990'EL SW $\frac{1}{2}$

Total Depth. 3825
Comm. 7-16-40 Comp. 8-8-40
Shot or Treated, 5000 gal acid. 3422-3825
Contractor, Prunty Drlg. Co.
Issued, 9-14-40

County Rice.



CASING.

103/4" 204'
7" 3422'

Elevation.

Figures Indicate Bottom of Formations. Production, Salt Water Disposal Well.

clay	10
shale and shells	190
sand	195
shale and lime shells	207
shale and shells	1119
broken lime	1558
shale and shells	1746
lime	1808
broken lime	2159
shale and shells	2253
lime	2700
shale and shells	2760
broken lime	2871
lime	3128
broken lime	3143
shale and shells	3199
lime	3208
shale and chert	3223
shale and shells	3255
3255 equals 3254 S.L.Measure (Derrick Floor)	
dolomite	3260
(Core 3260-67 Rec 4' Dolomite - no shows)	
dolomite	3320
broken dolomite	3415
dolomite	3556
sand	3780
dolomite	3805
sand and dolomite	3825

Total Depth.

Top Arbuckle Dolomite 3254 SIC

Top Basal sand 3810

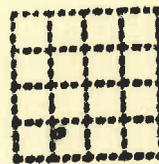
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CONTINENTAL OIL CO. - (COMMUNITY)
G.F. Gibson No. 4

SEC. 24 T. 18 R. 8W.
NW SE SW
990' f SL 990' f EL SW $\frac{1}{4}$

Total Depth, 3214.
Comm. 2-18-41 Comp. 3-6-41
Shot or Treated, 2000 gal acid.
Contractor, Prunty Drlg. Co.
Issued, 3-29-41

County Rice.



CASING.

Ø 5/8" 203' Cemented.
6" 3202' Cemented.

Elevation.

Production, Pot. 6170 B.

Figures Indicate Bottom of Formations. No wtr. Echo. draw-down
Allowed Pot. 3000 B.

clay shale & shells	212
shale	357
shale and shells	1070
broken lime	1293
lime	1326
shale and shells	1416
lime	1460
shale	1565
broken lime	1856
shale and shells	2010
broken lime	2297
shale and shells	2387
lime	2475
lime	2487
shale	2530
lime	2660
broken lime	2780
lime	2900
lime soft	2928
lime	2953
broken lime	2980
lime	3110
broken lime	3172
shale and sand	3207
dolomite	3212
3212 equals 3211 S.L. Measure (Derrick Floor)	
3211 equals 3206 S.L. Corr.	
Dolomite	3214
Total Depth.	

3206 - 2000' oil in hole.

3214 - 3000' oil. Swab 207 bbls oil and no water
in 3 hours..

Indicated capacity by Echometer drawdown
test 6170 bbls oil and no water. Allowed
potential 3000 bbls.

Top of Arbuckle Dolomite 3201
SL Corr.

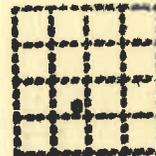
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CONTINENTAL O. L. CO. (COMMUNITY)
G. F. Gibson No. 5

SEC. 24 T. 18 R. 8W.
SE NE SW
990' fNL 330' FEL SW $\frac{1}{4}$

Total Depth. 3190
Comm. 4-9-41 Comp. 4-24-41
Shot or Treated. 2000 gal acid. 3174-3190
Contractor. Prunty Drilling Co.
Issued. 6-14-41

County Rice.



Rotary 3179
Cable 3190

CASING.

10 3/4" 202' cemented.
6" 3174' cemented.

Elevation.

Production. Pot. 1713 B.

Figures Indicate Bottom of Formations. No wtr. Ecometer
draw-down.

clay	25
shale and lime shells	207
shale	502
shale and lime shells	1014
shale & broken lime shells	1220
broken lime & shale	1375
broken lime	1827
shale and shells	2120
lime	2140
broken lime	2249
shale and shells	2386
lime	2665
shale	2700
lime	2760
broken lime	2800
lime soft	2810
lime	2873
lime soft	2903
lime	3090
broken lime	3102
lime	3135
shale	3173
dolomite	3190

Total Depth.

Top of Arbuckle Dolomite 3173

3181 2500' oil

3190 3000' oil

Pay 3174-3190

Swab 172 bbls oil and no water 4 hours.

Bail off bottom.

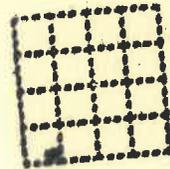
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412 Union National Bank Bldg, Wichita, Kansas.

COMMUNITY-CONTINENTAL ET AL.
G.F.Gibson No. 6

SEC. 24 T. 18 R. 8W
SE SW SW
330' fSL 990' fWL SW $\frac{1}{4}$

County Rico

Total Depth. 3230 equals 3229 SLM DF
Comm. 4-30-41 Comp. 5-17-41
Shot or Treated.
Contractor. Prunty Drilling Co.
Issued. 6-28-41



CASING.

10 3/4" 202' cemented.
6" 3215' cemented.

Elevation.

Production. Pot. 2619 B.
no wtr., Echometer
draw down test.

Figures Indicate Bottom of Formations.

shale and shells	1105
brokon limo	1435
limo	1582
shale and shells	1766
shale and shells	2114
brokon limo	2400
limo	2675
brokon limo	2784
limo	2839
brokon limo	2915
limo	2918
limo soft	3011
limo	3110
brokon limo	3172
limo	3212
shale	3215
dolomite	3230
3230 equals 3229 SLM(Dorrick Floor)	
Total Depth.	

Top of Arbuckle Dolomite 3214

1200' oil in 1 hour
increased to 3000' oil
Swab 233 Oil and no water 4 hours.
from 3000 to 1429' off bottom.

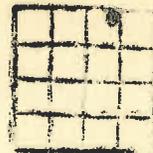
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CONTINENTAL OIL CO.
W.S. Pickerill No. 1-A.

SEC. 24 T. 18 R. 8W.
NE NW NE
330' S 990' E of N $\frac{1}{4}$ cor

Total Depth. 3224
Comm. 4-30-38 Comp. 5-23-38
Shot or Treated.
Contractor.
Issued. 7-30-38

County Rice.



CASING.

103/4" 195'
7" 3193'

Elevation.

Production. Pot. 2138.76 B.

Figures Indicate Bottom of Formations.

shale and shells	750	
salt	1035	
shale and shells	1385	
sand	1408	
broken lime	1830	
shale and shells	2370	
lime	2670	
shale and shells	2800	
lime	3150	
shale and sand	3172	
sand	3175	
shale	3198	Top of Arbuckle lime 3192.
lime	3224	
Total Depth.		

Drilled plug to bottom at 3196 and the hole filled up 1400' with oil.
On a six hour pumping test the well pumped 512 bbls of oil.

On initial Pot. test the well pumped 363.14 bbls of oil the first four hours and 356.46 bbls oil the last four hours of the test giving the well a 24 hour Potential of 2138.76 bbls of oil. No water. Natural. No acid used.

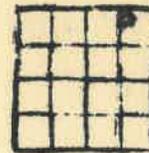
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 412 Union National Bk Bldg., Wichita, Kansas

CONTINENTAL OIL CO.
 W.S. Pickerill No. 2-A.

SEC. 24 T. 18 R. 8W
 NW NE NE
 330'S 990'W NE cor.

Total Depth. 3214'
 Comm. 8-11-38 Comp. 8-27-38
 Shot or Treated. No acid used.
 Contractor.
 Issued. 11-12-38

County. Rice



CASING:
 10 $\frac{3}{4}$ " 204'
 7 " 3201'

Elevation. 1726

Figures Indicate Bottom of Formations. Production. Pot. 2306.70 B. Natural

surface & sand	50
shale & shells	200
hrd limo & shells	213
shale & red rock	605
shale & shells	775
salt	950
shale & shells	1130
lime	1298
brkn lime	1565
lime	1665
brkn lime	1740
shale	1765
shale & shells	1925
shale, lime & shells	2040
shale & shells	2250
shale	2300
lime	2660
shale & lime	2760
lime	3110
conglomerate	3135
lime	3165
conglomerate	3180
shale	3202
lime	3214
Total Depth.	

3200
 1726
 -1474

Total Depth in Arbuckle lime
 Top Arbuckle limo 3200
 When the cement plug was
 drilled the hole filled up
 800' w/oil one hr, 2300'
 in 2 $\frac{1}{2}$ hrs, and 3100' in 3
 hrs.

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CONTINENTAL OIL CO.
W.S. Pickerill No. 3-A

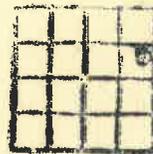
SEC. 24 T. 18 R. 8W.
NE SE NE
990' N 330' W of E. quarter
corner.

Total Depth. 3180
Comm. 6-24-39 Comp. 7-11-39
Shot or treated. 3000 gal acid.
Contractor.
Issued. 8-26-39

County Rice.

CASING.

10 3/4" 223'
7" 3127'



Elevation.

Production. Pot. 2274 B.

Figures Indicate Bottom of Formations.

shale and shells	802	
shale	852	
salt	927	
shale and shells	1047	
broken lime	1485	
lime	1703	
broken lime	1781	
shale and shells	1965	
shale	2065	
shale and shells	2362	
limo	2577	
broken limo	2627	
shale	2665	
broken limo	2688	
shale and shells	2740	
limo	2800	
broken limo	2846	
limo soft	2876	
limo hard	2922	
limo soft	2930	
limo	3000	
broken limo	3112	
shale	3126	
Arbuckle dolomite	3180	show oil
Total Depth.		

Top Arbuckle lime 3126

When the plug was drilled the hole filled 1500' with oil in 1 hour.
Total fill up 3000'

Pumping test before acidizing, pumped 233 bbls of oil in 3 hours and pumped off.

July 14, 1939 acidized with 3000 gal acid.

On initial potential test the well pumped 758.12 bbls oil in 8 hours giving the well a 24 hour potential 2274 bbls oil no wtr.

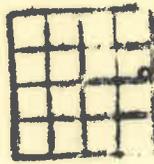
Total depth from cement floor 3179

Arbuckle limo 3126-3179

CONTINENTAL OIL CO.
 W.S. Pickerill No. 4-A.

SEC. 24 T. 18 R. 8W
 SEc NE
 330'N & W E $\frac{1}{4}$ Cor.

County. Rice



Total Depth. 3174'
 Comm. 9-15-39 Comp. 10-7-39
 Shot or Treated. No acid used.
 Contractor.
 Issued. 12-23-39

CASING:
 10 $\frac{3}{4}$ " 207'
 7" 3088'

Elevation.

Production. Pot. 2113 B. Nat
 No water

Figures Indicate Bottom of Formations.

shale & shells	145
sdv shale	212
shale	242
red rock	262
shale & shells	1027
lime brkn	1504
shale & shells	2257
lime	2611
shale	2645
shale & shells	2726
lime	2768
lime hrd	2806
soft	2813
hard	2824
soft	2854
lime	3060
shale	3081
sand	3084
shale	3088
Arbuckle dolomite, good sh oil	3091
shale & lime	3095
lime	3174
Total Depth.	

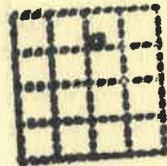
Total Depth from cement floor
 level 3174
 Top of Arbuckle lime from
 cement floor level 3087
 Hole filled full of oil
 10-11-39 on initial potential
 test well pumped 704.28 BO
 8 hrs giving the well a 24-
 hr potential of 2113 BO,
 no wtr. Natural no acid used.

CONTINENTAL OIL CO.
W. S. Pickerill No. 5-A.

SEC. 24 T. 18 R. 8W
SW NW NE
990'S 330'E N $\frac{1}{4}$ Cor.

Total Depth. 3180'
Comm. 5-12-40 Comp. 5-27-40
Shot or Treated.
Contractor.
Issued. 8-3-40

County. Rice



CASING:
10 $\frac{3}{4}$ " 205'
7" 3163'

Elevation.

Production. Pot. 2061 B. Echo
No wtr

Figures Indicate Bottom of Formations.

surface clay	25
shale & shells	193
shale & lime shells	205
shale & shells	310
shale, shells, red rock	1072
shale & shells	1189
shale & lime brkn	1302
lime brkn	1548
shale & shells	2055
lime brkn	2230
lime	2236
lime brkn	2379
lime	2437
lime brkn	2551
lime	2610
lime brkn	2660
shale	2709
shale & shells	2779
lime	2801
lime brkn, sft	2813
lime	2843
lime hrd	2878
shale	2885
lime	3161
shale	3166
Arbuckle dolomite	3180
Total Depth.	

Top of Arbuckle lime from
cement floor level 3161
Total Depth from cement
floor level 3179
Total fillup w/oil 3100'
5-30-40 obtained an Echo Meter
potential test of 2061 bbls
of oil, no wtr

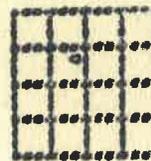
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CONTINENTAL OIL CO.
W.S. Pickerill No. 6-A

SEC. 24 T. 18 R. 8W.
NE SE NW
990' N 330' W of Center.

Total Depth. 3209
Comm. 6-23-40 Comp. 7-7-40
Shot or Treated.
Contractor.
Issued. 10-5-40

County Rico.



CASING. Rotary 3207
Cable 3209

103/4" 204'
7" 3201'

Elevation.

Production Pot. 845 B.
No wtr

Figures Indicate Bottom of Formations.

shale	30
lime	50
sand	105
shale and shells	1373
broken lime	1530
shale and shells	1909
broken lime	2000
shale and shells	2010
shale	2050
lime	2070
shale	2090
broken lime	2486
lime	2586
broken lime	2693
shale	2763
broken lime	2808
lime	2821
lime soft	2832
lime	2877
lime hard	2895
lime soft	2920
lime hard	2940
lime	3145
shale	3151
lime	3158
conglomerate	3173
shale	3200
Arbuckle dolomite	3209
Total Depth.	

Total Depth from cement floor level 3208

Top of Arbuckle lime from cement floor level 2999
Drilled to 3209 in Arbuckle lime, hole filled up 3000' with oil
7-23-40 Well pumped 98 bbls of oil in 3 hours and pumped off.
7-24-40 Acidized with 1000 gal acid
7-26-40 On initial potential test the well pumped 281.74 bbls of oil
in 8 hours, giving the well a 24 hour pot. of 845 bbls oil, no water.

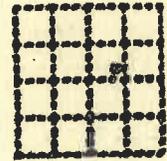
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CONTINENTAL OIL CO.
W.S. Pickerill "A" No. 7

SEC. 24 T. 18 R. 8W.
SE SW NE
330' N and 990'E of Center

Total Depth. 3173
Comm. 8-12-40 Comp. 8-29-40
Shot or Treated.
Contractor.
Issued. 11-30-40

County Rice.



CASING.

10 3/4" 217'
7" 3159'

Elevation.

Production Pot. 4894 B.
No wtr. Allowable
3000 bbls.

Figures Indicate Bottom of Formations.

surface clay and sand	38
shale and shells	225
shale	303
shale and shells	1214
broken lime & shale	1344
broken lime	1428
shale and shells	1585
broken lime	1912
shale and shells	2305
lime	2588
broken lime	2750
lime	3050
shale and shells	3140
sand and shale	3157
Arbuckle	3173
Total Depth.	

3172 - T.D. from cement floor level.

Top of Arbuckle lime from cement floor level 3156

Hole filled up 1600' with oil the first hour, when plug
was drilled. - total fill up 3100'

9-3-40 On initial potential test taken by Echo meter the well was
given a 24 hour Pot. of 4894 bbls of oil, no water. This
potential establishes a max allowed potential of 3000 B.

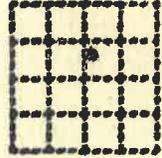
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CONTINENTAL OIL CO.
 W.S. Pickerill "A" No. 8

SEC. 24 T. 18 R. 8W.
 NW SW NE
 990' N & 330' E of Center.

Total Depth. 3175
 Comm. 9-13-40 Comp. 9-30-40
 Shot or Treated.
 Contractor.
 Issued. 11-30-40

County Rice.



CASING.

103/4" 211'
 7" 3148'

Elevation.

Production. Pot. 2726 B.
 Echometer.

Figures Indicate Bottom of Formations.

shale and shells	110
sand	146
shale and shells	1151
broken lime	1808
shale and shells	2233
broken lime	2300
lime	2645
broken lime	2728
lime	2772
broken lime	2819
lime	3110
broken lime and shale	3148
dolomite	3175
Total Depth.	

Top of Arbuckle 3146.

Pump 176 bbls oil no water 4 hours.

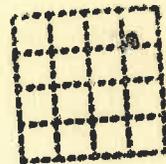
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CONTINENTAL OIL COMPANY.
W.S. Pickerill "A" No. 9

SEC. 24 T. 18 R. 8W.
SW NE NE
990' S 990' W. NE cor.

Total Depth. 3191 (Cement Floor level 3190)
Comm. 1-21-41 Comp. 2-8-41
Shot or Treated.
Contractor. L.W. Prunty Drilling Co., Inc.
Issued. 4-5-41

County. Rice.



CASING.

103/4" 204' Cemented.
6" 3161' Cemented.

Elevation.

Production. Pot. 3000 B.

Figures Indicate Bottom of Formations. Echometer No water.

shale and shells	185
shale lime shells	210
shale and shells	1389
lime	1454
broken lime	1486
shale and shells	1597
broken lime	1733
shale and shells	2237
lime	2257
shale and shells	2286
broken lime	2387
lime	2417
broken lime	2651
shale and shells	2740
lime	3050
broken lime	3120
lime	3125
sand	3135
lime and shale	3159
shale	3160
Arbuckle lime	3166
lime and shale	3174
lime	3191
Total Depth.	

Total Depth from cement floor level 3190

Top of Arbuckle lime from cement floor level 3159

Total Fillup with oil 3050' Swabbed 250 bbls of oil in 5 hours.

2-10-41 Established an echometer Potential of 3000 bbls of oil no water

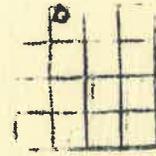
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412 Union National Bank Bldg, Wichita, Kansas.

HERNDON DRILG CO.
J.N. Diskey No. 1

SEC. 24 T. 18 R. 8W.
NW NE NW
990' W. 330' S of N $\frac{1}{4}$ cor.

Total Depth. 3222
Comm. 10-7-36 Comp. 10-25-36
Shot or Treated.
Contractor.
Issued. 12-26-36

County Rice.



CASING.

13" 177'
7" 3219'

Elevation.

Production. Pot. 873 B.

Figures Indicate Bottom of Formations.

surface	40
surface soil and sand	60
shale and shells	175
shale	177
shale and shells	860
salt	970
shale and shells	1045
broken lime	1170
broken lime	1510
lime	1575
shale and shells	1930
lime	1940
shale	1948
shale and shells	2150
lime	2175
broken lime	2200
shale and shells	2255
lime	2305
lime	2610
broken lime	2695
shale	2735
lime	2830
break	2840
lime	2905
shale	2945
lime	3135
shale and shells	3160
shale	3177
chert and sand	3210
shy shale	3222
Total Depth.	

On 24 hour pot. test pumped 873 bbls oil and 350 bbls water.
This well was not acidized

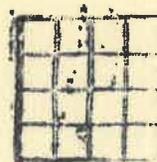
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412 Union National Bank Bldg, Wichita, Kansas.

HERNDON DRILG CO.
G.F. Gibson No. 2

SEC. 24 T. 18 R. 8W
NE SE SW

County Rico.

Total Depth. 3220
Comm. 8-24-36 Comp. 9-23-36
Shot or Treated. 2000 gal a cid.
Contractor.
Issued. 10-24-36



CASING.

13" 182'4" 7" 3191'2"

Elevation.

Production. Pot. 1981 B.

Figures Indicate Bottom of Formations.

surface	160
shale	175
shale and shells red rock	390
shale and shells	755
shale	795
salt	920
shale and shells	1040
gyp and lime	1090
lime	1210
broken lime	1325
shale and shells	1400
lime	1510
broken lime	1815
shale and shells	1955
broken lime	2070
shale and shells	2290
lime	2375
broken lime	2435
broken lime	2535
lime	2665
shale	2745
lime	2871
broken lime	2892
lime	3095
shale	3105
lime	3194
lime brown	3203
lime	3220
Total Depth.	

Top Simpson 3140
Top Siliceous 3156

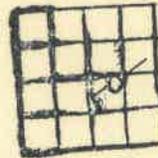
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412 Union National Bank Bldg, Wichita, Kansas.

DERBY OIL COMPANY.
DeFoe No. 1.

SEC. 36 T. 18 R. 0W.
NE NW SE

Total Depth. 3342
Comm. 4-11-36 Comp. 5-15-36
Shot or Treated.
Contractor. Rose Spring Drlg. Co.
Issued. 10-31-36

County Rice.



Elevation.

CASING.
15 1/2" 166' 7" 3303'

Production. DRY.

Figures Indicate Bottom of Formations.

Sticky shale	105	lime	3268
clay and sand shells	122	broken lime	3289
sand hard	150	sdv lime	3302
broken lime	210	sand coring	3322
lime and shale	820	sand 1/2 BWPH	3323
salt and shale	1070	shale green	3341
shale	1180	lime Siliccous.	3342
broken lime	1300	8 BWPHR	
lime and shale	1365	Total Depth.	
shale	1410		
broken lime	1445		
lime	1505		
lime and shale	1555		
broken lime	1585		
lime	1630		
lim and shale	2055		
shale	2095		
lime	2110		
shale and lime	2165		
shale and lime shells	2210		
broken lime	2260		
lime shells and shale	2325		
lime and shale	2365		
lime	2375		
lime and shale	2480		
lime	2620		
lime and shale	2655		
broken lime	2690		
shale and lime	2735		
lime	2760		
lime and shale breaks	2825		
lime	3045		
broken lime	3085		
lime	3255		
3255 equals 3251 S.L.M.			
roaming core hole	3256		
shale	3259		