

UNION NATIONAL BANK BLDG: WICHITA, KANSAS.

Location. NEc NW NE

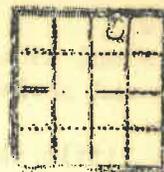
Sec.12 T.17 R.10W

Casing Record.

10" Farm. Strattman
 20" 8 1/2" 3248 1/2 Company. Derby Oil Co.
 15 1/2" 65/8" 47 1/4" Contr. McPherson Drilling Co.
 12 1/2" 211 53/16" liner Comm. 1-9-32 Comp. 2-8-32
 Total Depth. 3283 1/2 Shot Quarts Between.
 Correspondence Regarding This Well Should Be Referred To.

County. Ellsworth

No. 1



Elevation.

Figures Indicate Bottom of Formations.

Initial Production.

Date Issued. 5-7-32

Potential pumped 487 bbls in 12 hours.

Formation	Depth	Formation	Depth	Formation	Depth
surface clay	45	shale	2015	lime	3255 1/2
sand	75	red rock	2025	SLM 3255 1/2 equals 3256	
clay	85	shale	2055	lime soft	3221
sand	105	broken lime	2062	lime hard	3283 1/2
clay	140	shale	2082	TD.	
sand	183	lime	2100	SAMPLE LOG	
red rock	192	shale	2110	1st sample at 1100	
shells	195	broken lime	2125	salt and shale 1100-1140	
clay	211	lime	2140	shale	1145
red rock	236	shale	2155	salt and anhydrite	1210
shale	336	broken lime	2180	anhydrite & shale	1220
red rock	400	shale	2220	anhydrite shale & salt	1250
shale	500	broken lime	2250	anhydrite and shale	1280
broken lime	530	shale	2265	anhydrite	1300
red rock	580	broken lime	2278	anhydrite & red shale	1310
broken lime	605	shale	2290	anhydrite some shale	1425
red rock	640	lime	2300	shale some anhydrite	1475
broken lime	690	broken lime	2336	shale red shale some	
red rock	703	shale	2350	anhydrite	1500
broken lime	733	broken lime	2407	lime Porus	1575
red rock	740	shale	2422	lime and some red shale	1600
slate	763	shale	2444	lime	1650
broken lime	778	broken lime	2465	shale	1675
shale	803	shale	2490	lime	1700
red rock	823	broken lime	2520	lime and shale	1710
shale	850	shale	2558	shale red	1730
red rock	880	broken lime	2560	lime	1740
broken lime	910	sd lime	2570	shale	1760
slate	950	broken lime	2580	lime and shale	1770
red rock	990	lime	2630	shale	1780
shale	1060	broken lime	2640	lime and shale	1825
red rock	1100	shale	2665	shale red	1850
broken lime	1120	lime	2680	lime	1870
shale	1145	broken lime	2685	shale and lime	1875
salt	1208	shale	2705	lime and shale red	1880
shale and salt	1248	broken lime	2720	shale red	1890
shale	1268	lime	2730	lime and shale red	1900
broken lime	1288	shale	2769	lime	1960
lime	1298	lime	2790	shale	1980
broken lime	1325	broken lime	2805	shale little lime	2020
shale	1350	lime	2815	shale little shale red	2030
red rock	1360	shale	2830	shale	2050
broken lime	1375	lime	2840	shale little lime and	
shale	1400	shale	2865	shale red	2060
broken lime	1505	lime	2870	shale	2070
shale	1535	shale	2880	lime	2100
lime	1540	broken lime	2895	shale	2120
shale	1580	shale	2900	lime and shale	2180
broken lime	1612	lime	2925	shale	2240
shale	1622	shale	2935	lime	2310
broken lime	1752	lime	2945	lime and shale	2320
shale	1760	shale	3010	lime	2330
broken lime	1790	lime	3025	lime and shale	2340
shale	1800	shale	3042	lime	2390
lime	1810	lime	3060	shale	2430
broken lime	1827	sd lime	3120	shale little red shale	2440
red rock	1837	lime	3130	lime	2450
broken lime	1872	shale	3241	shale	2470
shale	1905	lime	3242	lime	2480
broken lime	1925	shale red	3245	shale	2500
shale	1975	Conglomerate	3252	lime	2520
red rock	1980	shale green	3253	shale & lime	2530
broken lime	2000	sd lime green shale			

OVER

Section 12-17-10W Ellsworth County, Stratman # 1 Derby Oil Co.

Formation	Depth.	Test showed
lime	2540	1 1/2 bbls per hr from bottom.
shale	2570	3269-3273 - 2'7" Recovery Last foot lost
shale and lime	2590	(no core in core catcher) Dolomite 3271-
lime and shale	2600	72. Green shale and dolomite.
lime	2620	3273-77 - 2' 8" Recovery - Dolomite top
lime little shale	2640	3" good porosity and saturation,
lime little red shale	2660	3277-80 - 1' Recovery - Dolomite Best
lime	2670	porosity and saturation. Test at 3380 -
lime and shale	2700	swabbed 7 1/2 bbls per hr. from bottom.
lime little red shale	2710	3280-83 1/2 - 1/2' recovery 3281-83 1/2 drilled
lime	2800	hard bottom piece of core very hard. Top
lime and shale	2815	pieces showed slight saturation but very
lime	2820	tight. Tested with Rotary 7 1/2 bbls per
lime some red shale	2825	hr. and last hour showed 10 bbls. Test
lime some shale	2830	after standardizing showed 14 bbls per
lime	2835	hr from bottom. All cores showed saturation
lime and red shale	2855	but most of cores were tight and very
lime and shale	2860	little saturation in center of cores.
shale	2885	Porosity. 1 inch Medium about 3263 1/2
lime some dark and red shale	2895	3 inches Good about 3273.
shale	2900	1 foot (all of recovery) very
shale some lime	2905	good 3277-80.
shale green and red some lime	2910	Show Record. Shot Feb. 23 1932 50 qts
shale some lime	2915	15' shell 3255-70. Tested 30 bbls per hr
lime	3000	for 4 hours.
shale	3015	March 1, 1932 - 50 qts 11' shell 3270-81
lime	3080	Tested 30 bbls per hr.
lime and shale	3100	Potential taken March 24, 1932
lime	3115	pumped 487 bbls in 12 hours.
shale	3130	
lime	3145	
shale	3150	
lime and shale	3160	
shale	3165	
lime	3210	
shale	3215	
lime and shale	3240	
shale red	3242	
conglomerate	3245	
shale green	3252	
shy shale green	3253	
lime	3283 1/2	

T.D.
CORING RECORD.

3242-48 1/2 - 5' Recovery 3' conglomerate
2' green shale. reamed hole to 3248 1/2
3248 1/2 - 54 1/2 - 3' Recovery 2 1/2 Green shale
1/2' sdy green shale saturated.
2/3 ofavings in cutter head.
top of which had crushed Dolomite
saturated. 3254 1/2 - 55 1/2 - No Recovery 8 1/2 casing
set 3248 1/2 3255 1/2 equals 3256.
3256-59' - 2' Recovery all dolomite.
saturated Top 1' shows pyrite in Dolomite
3259-64 - 6' Recovery - Dolomite saturated.
3264-69 4 1/2' Recovery Dolomite Saturated.