

114
OC.

43355

WELL LOG BUREAU, KANSAS GEOLOGICAL SOCIETY

Union National Bank Bldg., Wichita, Kansas

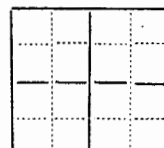
LOCATION SW cor NW.
CASING RECORD 200' E 200' NW/4 cor.

SEC 20 T 20 R 32E

10" FARM Allison
20" 8 1-4 COMPANY Securities Oil Co.
15 1-2 6 5-8 CONTRACTOR
12 1-2 5 3-16 COMMENCED

NO. 1 COUNTY Chase.

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



FIGURES INDICATE BOTTOM OF FORMATIONS
DATE ISSUED

ELEVATION 1410
INITIAL PRODUCTION

Formation	Depth	Formation	Depth	Formation	Depth
lime	55	slate	1030	slate	2305
slate	60	lime	1040	lime	2317
red rock	65	shale	1070	slate	2370
lime	67	lime	1075	slate	2385
slate	105	shale	1090	lime	2390
lime	110	lime	1102	shaleHole caving	2430
slate	160	shale	1105	slate	2480
lime	175	lime	1110	slate	2490
slatex	225	slate	1145	slate caving	2535
lime	230	lime	1150	slate	2555
slate	290	shale	1170	lime shell	2558
lime	310	lime	1190	slate	2608
shale	340	shale	1200	set 6-5/8"	
lime	370	lime	1225	shell	2610
shale 15 1/2" csg.	380	slate	1231	slate	2620
lime	390	shale	1240	brkn sand	2630
shale	400	lime	1245	3 BW 2625	
red rock	405	shale	1249	sand	2638
shale	435	lime	1255	sand	2646
lime	440	shale	1321	lime 6 BW	2660
shale	460	lime	1351	lime	2685
red rock	465	shale	1355	lime	2755
slate	490	lime	1360	lime sand	2770
red rock	495	shale	1370	Lots of wtr	
lime	498	lime	1395	lime	2780
shale	522	slate	1407	lime	2917
lime	625	shale	1450	shale	2980
shale	535	shale	1460	shale caving	3005
slate	550	lime	1485	shale	3010
shale	560	slate	1500	set 5 3/16" csg.	
sand 12 BW	585	slate	1530	lime	3022
shale	605	slate	1555	slate	3032
lime	608	lime shell	1558	lime	3035
slate	620	slate	1600		
slate	655	slate set 10"	1670	Total Depth SIM	3035
lime	660	lime	1695		
shale	690	slate	1700	Dry & Abandoned	
lime	705	lime	1710	All casing pulled.	
shale	720	slate	1715		
lime	725	lime	1750		
shale	740	slate	1765		
lime	750	lime	1930		
shale	765	slate	1950		
lime	770	red rock	1962		
shale	780	lime	1995		
shale	785	slate	2000		
lime	788	lime	2040		
shale	928	slate	2160		
lime	940	lime shell 2 BW	2165		
shale	960	slate	2170		
shale	985	lime	2200		
lime	987	slate	2215		
slate	1000	brkn sand	2250		
lime	1025	lime	2275		
		slate set 8 1/4" csg.	2290		

ALLISON #1 SEC. 20-20-8

Plotted

Ech. 34' 20

Chase County, Kansas, Security Oil Co.

Elev. 1410

20-20-8E

CASING RECORD

5 1/4" 380
 2" 1670
 1" 2297
 5/8" 2608
 3/16" 3010

FORMATION	DEPTH	REMARKS	FORMATION	DEPTH	REMARKS
lime	55		Shale	780	
late	60		shale	785	
red rock	65		lime	788	
lime	67		shale	928	
late	105		lime	940	
lime	110		shale	960	
late	160		"	985	
lime	175		lime	987	
slate	225		slate	1000	
lime	230		lime	1025	
slate	290		slate	1030	
lime	310		lime	1040	
shale	340		shale	1070	
lime	370		lime	1075	
shale	380		shale	1090	
lime	390		lime	1102	
shale	400		shale	1105	
red rock	405		lime	1110	
shale	435		slate	1145	
lime	440		lime	1150	
shale	460		shale	1170	
red rock	465		lime	1190	
slate	480		shale	1200	
slate	490		lime	1225	
red rock	495		slate	1231	
lime	498		shale	1240	
shale	522		lime	1245	
lime	525		shale	1249	
shale	535		lime	1255	
slate	550		shale	1321	
shale	560		lime	1351	
sand	585	12 BW	shale	1355	
shale	605		lime	1360	
lime	608		shale	1370	
slate	620		lime	1395	
slate	650		slate	1407	
slate	655		shale	1450	
lime	660		shale	1460	
shale	690		lime	1485	
lime	705		slate	1500	
shale	720		slate	1530	
lime	725		slate	1555	
shale	740		lime shell	1558	
lime	750		slate	1600	
shale	765		slate	1670	
lime	770		lime	1695	

#2

FORMATION	DEPTH	REMARKS
slate	1700	
lime	1710	
slate	1715	
lime	1750	
slate	1765	
lime	1930	
slate	1950	
red rock	1962	
lime	1995	
slate	2000	
lime 2040	2040 KC	
slate	2160	
lime shell	2165	2 BW
slate	2170	
lime	2200	
slate	2215	
broken sand	2250	
drilling hero	8/25/20 AM	
lime	2275	
slate	2290	
slate	2305	
lime	2317	
slate	2370	
slate	2385	
lime	2390	
shale	2430	hole caving
slate	2480	
slate	2490	
slate	2535	caving
slate	2555	
lime shell	2558	
slate	2380	
slate	2608	
shell	2610	
slate	2620	3 BW at 2625
broken sand	2630	
sand	2638	
sand	2646	
lime	2660 Miss.	6 BW
lime	2685	
lime	2755	
lime sand	2770	lots of H2O
lime	2780	
lime	2790	
lime	2850	
lime	2870	
lime	2900	
lime	2917	
shale	2980	
shale	3005	caving
shale	3010	
lime	3011	
lime	3016	
lime	3022	
slate	3032	
lime	3034	
lime	3035	total depth S. L. M.

Page 2

Plotted
E.C.H.

20-20-8E

26 40
20 20
20 20

2917

LOG OF WELL

Replace 20-20-8E
GEOLOGICAL DEPARTMENT
Southwestern Gas Co.
Independence, Kansas

Company Empire Gas & Fuel Co. Farm Allison Well No. 1State Kansas County Chase S. 20 T. 20 R. 8Commenced Drilling June 23, 1920 Completed Oct. 27, 1920 Elev. 1410

Shot _____ Qts. from _____ to _____ I. P. _____ R. P. _____

Casing: 300' 15 1/2" Casing: 900' 12 1/2" Casing: 1530' 10" 1669'Casing: 2200' 8 1/2" Casing: 2606' 6-5/8" Casing: 3010' 5-5/16"

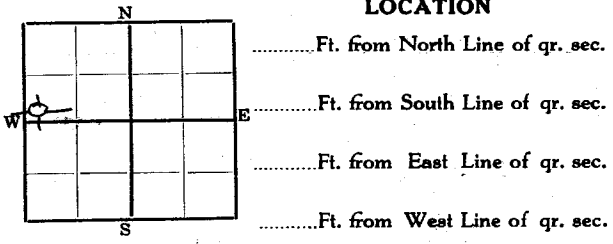
Tubing _____ Caged at _____ Packer at _____

lime	55
slate	60
red rock	65
lime	67
slate	106
lime	110
slate	160
lime	175
slate	225
lime	230
slate	200
lime	310
shale	340
lime	370
slate	380
lime	390
shale	(400) 400
red rock	405
shale	435
lime	440
shale	460
red rock	465
slate	480
shale	490
red rock	495
lime shell	498
shale	522
lime shell	525
slate	550
shale	560
sand 12 blr. water	585
slate	605
lime shell	608
slate	655
lime	660
slate	690
lime	705
slate	720
lime	725
slate	740
lime	750

Plotted

shale	765
lime	770
shale	780
shale	785
lime	788
shale	810
shale	860
shale	928
lime	940
shale	935
lime	987
shale	1000
lime	1025
slate	1030
lime	1040
slate	1070
lime shell	1075
slate	1090
lime	1102
shale	1105
lime	1110
slate	1145
lime	1160 4 blr. water
slate	1170 1155'
lime	1190
shale	1200
lime	1225
slate	1240
lime	1245
shale	1249
lime	1255
shale	1321
lime	1251
shale	1355
lime	1360
shale	1370
lime	1396
slate	1407
shale	1480
lime broken	1485
slate	1530
slate	1555

(over)



TEST

Through	Pitot Tube Test of 192			 192
	Used	Mercury	Water	
... In. Tubing	Reading			Open Gauge Test Shows
... In. Casing	Vol. Cu. Ft.			 Lbs.

lime shell	1558	
slate	1647	
slate	1670	
lime	1710	
lime	1770	
slate	1790	
lime	1860	(1950)
red rock	1932	
lime	1995	
slate	2000	
lime	2040	
slate	2100	
lime shell	2165	2 blrs. water
slate	2170	
lime	2200	
slate	2215	
sand	2250	
lime	2275	
slate	2290	
slate	2305	
lime	2317	
slate	2325	
slate	2390	
slate	2535	
lime shell	2537	slate
slate	2555	
lime shell	2558	
slate	2606	
slate	2608	
lime shell	2610	
sand broken	2650	
sand	2646	
lime	2660	6 blr. water
lime	2755	N.T.S.
lime sandy	2770	
lime	2900	
lime sandy	2910	
lime	2925	
shale	3010	
lime	3022	
slate	3032	
lime	3035	T.D.