

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY

UNION NATIONAL BANK BLDG, WICHITA, KANSAS

Location

C EL NE SW/4  
 611' NL 220' EL

DEEPENING RECORD

Sec. 14 T. 32 R. 2E.

Casing Record

10" 1303

Farm-

J. M. Rothwell No. 5

County

Sumner.

20" 109 8 1/2" 1335

Company-

Roxana Petroleum Corp.

15 3/8" 369 65/8" 2005

Contr.-

12 1/4" 950 53/16"

Comm.-

6/6/28.

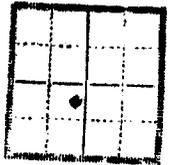
Comp.-

7/9/28.

Total Depth 2899'

Shot 120 Quarts Between 2025-2087

Correspondence Regarding This Well Should Be Referred to



Figures Indicate Bottom of Formations.

Elevation  
 Initial Production 30 bbls.

Date Issued.

Formation	Depth	Formation	Depth.
surface soil	30	sdv lime 1/2 BOPHR	1252
shale	85	lime (2 hr test at 1280-	1285
lime	90	blue shale 3B0)	1300
shale	105	lime	1306
log missing	125	shale	1345
shale	140	lime	1360
sand HPW	150	shale	1365
blue shale	160	lime	1460
broken lime	220	shale	1470
blue shale	230	lime	1590
broken lime	275	shale	1610
log missing	285	lime	1635
blue shale	295	shale	1660
lime	310	sand 1BWPHR 1675	1700
blue shale	315	shale	1710
red rock	320	lime Rainbow sh oil	1710 1715
blue shale	325	shale	1730
lime	340	lime	1750
blue shale	345	shale	1755
lime	360	lime	1760
shale	375	shale	1790
red rock	380	lime 1BWPHR	1810
blue shale	385	shale	1833
lime	400	lime	1839
sdv lime	405	shale	1919
shale	450	sdv lime SLM	1921
red rock	455	blue shale	1960
shale	460	dark shale	2004
lime	470	lime	2007
shale	485	sand and shale	2010
sdv lime 12BWPHR	490	sand.	2063
lime	520	little shale 1st oil show	2010-27
red rock	530	sand	2073
red rock	535	mostly shale free oil at	2053-63
shale	605	sand 75% shale	2084
lime	610	SLC 1Hr test at 2088	2088
shale	635	sand showed 1/4 BO no wtr	2092
lime	645	175' oil in hole no water.	
shale	710	sand no inc oil or water	2094
lime	715	sand and shale	2096
shale	720	200' oil in hole.	
lime	725	SLM	2096 TD
shale	840		
sdv lime showing oil	840 850		
shale	905		
sdv lime 6BWPHR	920		
shale	945		
lime	953		
shale	1035		
blue shale	1050		
lime	1060		
shalc	1065		
lime	1090		
shale	1160		
red rock	1163		
sdv lime show oil 1/4 BOPH	1168		
shale	1242		
lime	1247		

OVER

SHELL PETROLEUM CORP.  
J.M. Rothwell No. 5.  
14-32-2E.  
Rotary 2095-2807  
Cable 2807 to 2899.

Mabee Drilling Co.  
DEEPENING RECORD.  
Comm. 9-22-35 Comp. 10-19-35.  
Prod. Potential 13,563 bbls

2" casing. 2802'

sand	2095
sand	2105
sand and shale	2162
shale	2358
lime	2370
sand shaly	2396
lime	2401
showing oil	
lime	2493
lime	2630
shale	2645
shale and lime	2695
lime	2780
shale and lime	2795
shale	2802
dolomite	2807
dolomite	2899

Total Depth.

2000' oil in hole 5 hrs at 2811.

hole full oil 2815 in 11 hours.

started flowing 10 bbls oil per hr  
2823

flow 15 bbls per hr 2826

17 $\frac{1}{2}$  bbls 2829 20 at 2830

flow 27 bbls oil per hr at 2837.

flowing 37 bbls oil per hr 2837.

50 at 2839 73 at 2842 90 at 2843

flowing 100 bbls oil per hr 2849.

125 bbls 2850 150 at 2851 175' at 2852

200 at 2853 220 at 2854.

no increase 2854 to 2861

Established potential of 4890 bbls at

2861. Potential calculated by

multiplying total lost 3 hr gauge

on 5 hour test by 7.416

flow 255 bbls oil per hr. at 2865.

no increase.

flowing 310 bbls oil per hr at 2871

330 bbls at 2872. 335 bbls at 2874

360 at 2876

flowed 408 bbls oil per hr at 2882.

477 bbls at 2883.

flowed 500 bbls oil per hr 2888

570 bbls 2893.

no increase 2893-2899