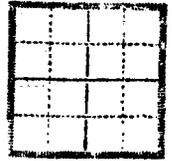


UNION NATIONAL BANK BLDG, WICHITA, KANSAS

Location : 190' N CL Vine St. 145' E CL Osage St. Sec. 14 T. 32 R. 2E.
 Lot 9. Block 51 NE/4

Casing Record DEPARTMENT RECORD County Sumner

10" 1346 Farm- Community No. 11
 20" 38 8 1/2" 1393 Company- Roxana Petroleum Corp. NOV 21 1936
 15 1/2" 420 65/8" 1894 Cbtr.-
 12 3/4" 836 53/16" 2048 Comm.- 3/14/1928. Comp.- 6/29/1928.
 Total Depth 3006' Shot 90 Quarts Between 2058-2095'.
 Correspondence Regarding This Well Should Be Referred to



Figures Indicate Bottom of Formations. Elevation
 Date Issued. 11-21-36 Initial Production 22 bbls in
 3 hrs.

Formation	Depth	Formation	Depth	Formation	Depth
surface	15	lime	905	sand	1697
quick sand	25	shale	940	blue shale	1702
blue shale	30	lime 2 BW/H	960	sandy lime	1707
sand	38	blue shale	980	lime	1714
sandy lime HFW	45	lime	985	blue shale	1720
brkn lime	60	shale	1005	lime	1725
lime	65	lime	1010	hrd lime	1730
red rock	95	shale	1060	blue shale	1765
hrd lime	100	lime	1065	lime	1774
lime	130	shale	1080	blue shale	1780
shale	140	lime	1105	lime	1783
lime	145	shale	1115	shale	1785
red rock	150	sandy shale	1130	black sandy shale	
lime	165	Show of oil		HFW	1795
red rock	185	shale	1140	white shale	1815
blue shale	200	lime 3 BW/H.	1150	lime	1832
red rock	210	shale	1155	blue shale	1870
lime	245	lime	1165	lime	1878
lime & sand HFW	285	shale	1170	shale	1905
lime	315	lime	1175	sandy lime	1908
Missing log	335	red rock	1180	sand 5 1/2 BO/H	1918
red rock	350	blue shale	1200	sandy shale	1930
lime	365	lime	1210	shale	1935
shale	370	shale	1245	lime	1945
lime	390	sandy lime	1250	shale	2041
blue shale	405	shale	1268	sand	2042
red rock	410	lime	1330	Show oil 2040-42'	
lime	425	2 BW/H 1268-1305'		sand & shale	2098
shale	435	black shale	1335	Show oil 2040-42'	
lime	455	lime	1340	1 1/2 BO/3 hrs. little water	
blue shale	465	sandy lime	1350		
lime	480	sand 9 BW/H	1360	Total Depth SLM	2098'
blue shale	490	shale	1367		
lime	500	lime	1390		
blue shale	515	shale	1395		
sandy lime	550	lime Water	1410		
Some water from 540-50'		Tools were lost at TD of			
red rock	565	1410' and never recovered.			
drk shale	575	Started drilling by tools			
lime	590	at 1351'.			
grey shale	600	sand & iron	1361	(OVER)	
lime	620	iron	1394		
blue shale	635	shale	1400		
lime	640	lime HFW	1410		
brkn lime	650	shale	1430		
lime	670	lime	1438		
sandy lime 3 BW/H	680	shale	1448		
lime	700	lime	1458		
blue shale	710	blue shale	1475		
lime	735	lime	1500		
black shale	740	blue shale HFW	1515		
lime	760	lime	1525		
shale	785	blue shale	1535		
sandy lime	800	lime	1555		
lime	820	blue shale	1565		
7 BW/H at 785-800'		lime	1575		
shale	830	shale	1578		
lime	835	lime	1615		
shale	875	shale	1635		
lime sft 1 BW/H	890	lime HFW	1670		
shale	900	shale	1690		

DEEPENING RECORD

OLSON-SHELL

Community No. 11

Pot. 268 B. No water.

Blk 51 NE $\frac{1}{4}$

190' N CL Vine St., 145' E

CL 6sage St.

Old T. D. 2098' SLM

Comm. 8-6-36 Comp. 9-4-36

sand & lime 2098-2138

sdy lime & shale 2169

shale & lime shells 2203

shale 2240

brkn lime & shale 2266

shale 2301

brkn lime 2430

brkn lime 2446

lime 2530

shale 2538

lime hrd 2615

sticky shale 2625

sticky shale 2638

lime 2677

brkn lime & shale 2683

lime & shale 2701

SLC 2701-2737

brkn lime 2782

lime 2824

shale & lime shells 2847

lime & shale 2874

sticky shale 2897

shale 2947

sticky shale 2962

shale hrd 2964

shale 2972

sand 2981

chert & dolomite 2983

SLC 2983=2982

dolomite 2996

Total Depth.

SECOND DEEPENING RECORD.

Comm. 9-17-36 Comp. 9-18-36

Prod. Pump 55B.O. no wtr 4 hrs.

dolomite 2996 3006

Total Depth.

5 $\frac{1}{2}$ " casing. 2954

Potential will be taken later.

Show of oil 2982

Increase of oil from 2988-2991

Increase of oil from 2991-2994

1 $\frac{1}{2}$ B O per hour at 2996

Shot with 20 qts of nitroglycerin from 2980-2996.

Treated with 1000 gals. of acid.

Established potential of 268 barrels of oil and
no water on a 24-hour pumping test.