

E. Cooper

REX & MORRIS, ETAL
J. P. LUCAS WELL #2

Total Depth 2751'
Contractors Rex & Morris Drilling Company
Commenced 8-28-46
Completed 9-26-46
Initial Prod. 45 Barrels

Elevation: 1386'
Location NW SW NW
Section 11-28S-6E
Butler County, Kansas
Casing Record:
13-3/8" 835' All Pulled
10" 1970' " "
8 1/4" 2170' " "
7" OD 2741' Left In

Figures Indicate Bottom of Formations

FORMATION	DEPTH	FORMATION	DEPTH	FORMATION	DEPTH
cellar	7	lime	810	shale	2355
lime	12	shale	818	lime	2380
mud	20	lime	825	Hole Caving 2270-2365'	
lime	25	shale	890	shale	2430
shale	35	lime	895	lime	2440
lime	40	shale	930	shale	2470
shale	55	lime	970	lime	2480
lime	85	3 BHPH 940-950'		Caving 2425-2475'	
shale	90	shale	980	shale	2485
red rock	105	lime	990	lime	2495
lime	115	shale	1055	shale	2570
shale	135	lime	1095	lime	2580
lime	155	shale	1110	shale	2705
shells shale	170	lime	1130	lime shells	2720
shale & shells	200	shale	1155	shale & shells	2740
lime	245	lime	1165	chert - lime	2745
2 BHPH 240-45'		shale	1175	chert & chst	2751
red rock	250	lime	1185	Free Oil 2745-2751'	
lime	260	shale	1190	(Hole filled 1200' in 1 Hr.)	
shale	275	lime	1260	Test: 2000' Oil & 4 B. Wtr.	
lime	290	shale	1285	in 11 Hrs.)	
shells shale	305	lime	1315	TOTAL DEPTH 2751'	
shale & shells	330	shale	1375	7" OD CASING ORIENTED @ 2741'	
lime	355	lime	1425	W/35 SACKS QUIK SET CEMENT	
shale	365	shale	1435	*****	
lime	375	lime	1490	Deepening August, 1953	
shale	390	shale	1510	Cherty Lime 2755	
shells shale	420	lime	1535	Lime 2913	
shale	470	shale	1650	Shale black 2985	
lime	482	lime	1680	Shale green 3000	
shale	505	shale	1730	Sand 3008 1/2	
red rock	510	shale	1910	(Tested 2 hrs.- 30' fluid in	
shale	520	3 BHPH 1510-35'		5 1/2" Bailer-1/2 Oil & 1/2 Wtr.)	
lime	525	shale	2055	Lime Arbuckle 3009 1/2	
shale	545	lime	2180	Hole filled 5 coils in 1 hr.	
red rock	550	shale	2210	3 more coils next hr.	
shale	555	lime	2245	Hole filled to 2650' of oil	
lime	560	lime	2250	in 20 hrs.-no water.	
shale	585	1/2 BHPH 1755-60'		TOTAL DEPTH 3009 1/2	
lime	590	2 1/2 BHPH 1885-1895'		5 1/2" OD casing cemented a 3000'	
shale	640	shale	2285	with 10 sacks cement	
lime	645	lime	2310	Tested 17 1/2 hrs. @ 3008 1/2.	
shale	680	Show Gas 2060-65'		70 Gal oil and 11 gal water.	
lime	685	HFW 2085-90'			
shale	705	shale	2350		
lime	710	lime	2355		
shale	730	shale			
lime	750	lime			
shale	765	shale B			
lime		lime			
2 BHPH 740-50'					