

EMPIRE OIL & REFG.
Strecker No. 1.

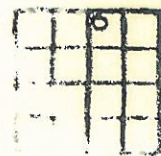
SEC. 35 T. 14 R. 14W.
NWc NE
330' S 330' E N $\frac{1}{4}$ cor.

County - Russell.

Total Depth. 3192
Comm. 12-14-36 Comp. 1-23-37
Shot or Treated.
Contractor. Braden & McClure.
Issued. 4-10-37

CASING.

20" 41'3
15 $\frac{1}{2}$ " 445' Pulled.
133/8" 762'
10" 1915' UR 2153
85/8" 2856' UR 2935'



Elevation.

Production. Pot. 1123 B.
No wtr.

Figures Indicate Bottom of Formations.

sand	50	lime	1910	sdv lime	2965
shale sdv	65	red rock	1915	lime	3055
shale blue	120	lime	1930	small show oil	2975
shale brown	135	red rock	1935	shale	3060
sand	145	lime	1950	lime	3085
shale	175	shale	1955	shale	3090
sand	232	lime	1975	lime	3112
shale sdv	240	lime and shale	2015	shale	3117
shale blue	350	red rock	2018	lime	3137
sand	360	lime	2055	red rock shale and	
mud blue	380	lime brcken	2070	shells	3145
shale light	385	lime	2075	hole caving	3145
shale & sand	410	red rock caving	2090	shale	3150
red rock	744	lime	2118	SIM corr. 3150 equals	3152
anhydrite lime	755	lime and shale	2128	lime	3162
lime	762	shale blue	2144	lime broken	3180
sand	775	lime	2153	lime	3190
lime	792	lime shells	2187	granite wash	3192
red rock	875	shale and shells	2225	oil 3190-92	
shale blue	880	shale blue	2245		
red rock	903	lime	2255	Total Depth.	
shale blue	907	shale	2260		
red rock	950	shale and lime	2305	Top granite wash	3190
shale blue	985	lime broken	2330	Penetration	2'
shale and lime	995	lime sdv	2340		
red rock	1050	show oil 2330-35			
shale blue	1068	shale	2360	Filled 1080' in 1 hour.	
red rock	1078	hole caving. 2360		Filled 2080' in 2 $\frac{1}{2}$ hours.	
shale blue	1125	lime	2380	Filled 2500' in 4 $\frac{1}{2}$ hours.	
shale lime shells	1150	shale blue	2385		
salt	1400	shale	2400	WATER RECORD.	
shale blue	1425	lime	2415		
lime	1445	shale	2425	2 $\frac{1}{2}$ BW 135-45	
shale blue	1465	lime	2455	HFW 175-225	
lime	1503	shale	2470	5 BW 775'	
shale blk	1512	lime	2485	1 BW 1970	
lime grey	1530	shale blue	2495	175' wtr 2095-2105	
red rock	1536	lime	2503	$\frac{1}{2}$ BW 2330-35'	
lime grey	1560	shale blue	2512	1 BW 2965'	
lime	1585	lime	2515		
show oil 1585-1640		shale	2560		
lime & shale	1600	lime	2570		
lime	1635	lime and shale	2615		
shale blue	1640	shale blue	2632	Top Topoka.	
red rock	1668	lime	2845	Cave.	
lime	1705	correction 2845 equals	2856		
shale	1710	lime	2875		
lime	1803	shale	2894		
shale blue	1807	lime	2906		
red rock	1815	shale	2912		
lime	1836	lime	2914		
shale blue	1845	red rock & shale	2919		
lime	1875	shale	2934		
shale	1885	limo	2960		