

EMPIRE OIL AND REFG. CO.
 R.P. Proffitt No. 1.

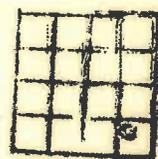
SEC. 6 T. 20 R 9W.
 NW SE SE
 990' N & 990' W. of SE cor.

Total Depth. 3268
 Comm. 5-19-34 Comp. 6-3-34
 Shot or Treated.
 Contractor. R.W. Rine Drlg. Co
 Issued 8-25-34

County. Rice.

CASING.

20" 155' 10" 2045'
 15 $\frac{1}{2}$ " 333' 8 $\frac{1}{2}$ " 2774'
 12 $\frac{1}{2}$ " 1595' 65/8" 3266'



Elevation.

Production, 869 B. 24 Hr.

Figures Indicate Bottom of Formations.

soil	10	red rock	1885	SIM corr. 3268 equals 3265
sand	30	shale blue	1895	lime 3268
sand	136	lime	1940	G.S.O. 3265-68
mud white	150	lime	1975	TD.
red rock	290	shale blue	2005	
slate	295	shale	2055	Filled 500' 1st hour and
red rock	330	lime	2065	1800' in 12 hours at 3268.
lime	355	red rock	2100	Hole filled 2950.
red rock	385	shale blue	2110	Filled 500' 1st hour and
red rock	640	sand gas	2120	1800' 1st 12 hours.
shale white	650	lime	2130	
slate dark	705	shale grey	2160	
red rock	750	shale dark	2175	
shale blue	855	lime	2180	
broken lime	870	shale blue	2205	
lime	875	shale blue	2225	
salt	1010	lime	2230	
salt	1150	shale blue	2235	
lime	1154	shale dark	2242	
broken lime	1157	lime	2280	
lime	1165	shale blue	2300	
shells & slate	1190	lime	2340	
shale	1200	shale blk	2350	
lime	1225	broken lime	2365	
red rock	1230	shale blue	2395	
lime	1255	lime	2410	
shale	1260	lime	2435	
lime	1285	slate	2440	
shale blue	1315	lime	2460	
lime	1340	slate dark	2470	
shale	1350	shale	2500	
lime	1365	lime	2590	
sdv blue shale	1370	shale blk	2600	
lime	1400	lime	2610	
red rock	1410	broken lime	2640	
lime	1460	lime	2715	
lime broken	1510	lime	2774	
lime	1550	lime	2780	
red rock	1565	shale blue	2795	
lime	1570	lime	2820	
shale blue	1580	slate	2825	
lime broken	1590	shale	2895	
lime	1600	shale	2905	
red rock	1610	lime	2915	
lime	1635	shale	2940	
slate	1640	lime	2960	
lime	1670	lime show oil 2960-64	2985	
red rock	1680	lime	3020	
lime	1700	lime	3070	
shale blue	1710	show oil 3030-40		
red rock	1730	shale	3075	
lime	1740	lime	3185	
red rock	1750	lime	3206	
shale blue	1760	shale blue	3213	
lime	1785	lime	3225	
red rock	1800	Var. col shales	3240	
lime	1835	sand and shale	3253	
shale	1860	shale green & sand	3268	
lime	1875	small show oil 3261-65		

WATER RECORD.

HFV 45-60
 3 BWPB 200-210
 5 BW 1535-40
 1 $\frac{1}{2}$ BWPB 1895-1915
 3 BW 2360-65
 2 BW 2610-40
 2 BW 2635-40
 1BW^H 3041-51