

MARATHON OIL COMPANY.
J.B. Mohr a/c 3 No. 1

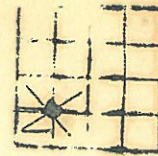
SEC. 15 T. 18 R. 16W.
Center SW $\frac{1}{4}$

Pl.

County, Rush.

Pool - Otis.

Total Depth. 3524
Comm. 11-15-34 Comp. 1-30-35.
Shot or Treated.
Contractor.
Issued. 2-9-35.



CASING.

20" 100' 10" 2370'
15 $\frac{1}{2}$ " 391' 8 $\frac{1}{2}$ " 3108' UR 3397
12 $\frac{1}{2}$ " 976' 6 $\frac{5}{8}$ " 3444' UR 3476

Elevation. 1936

Production. 26,200,000 gas.

Figures Indicate Bottom of Formations.

sand	100	lime	2200	lime	3350
pyrites	105	shale red	2205	shale	3351
red rock	150	lime	2215	lime	3356
shale	165	lime	2225	HFW 3356-63	
lime	170	red rock	2235	sdv lime	3371
LBW 170-80		lime broken	2260	shale	3376
shale	260	lime	2305	lime	3380
lime	270	red rock	2320	sdv lime	3390
shale	405	lime	2345	lime	3415
sand	440	show gas 2325-30		sdv lime	3420
shale red	550	red rock	2350	lime	3430
shale red	600	lime	2355	lime broken	3444
shale red	615	shale red	2368	shale blk	3453
sdv shale	635	lime	2370	shale shells	3456
sand	660	shale	2375	shale var col.	3470
shale red	845	red rock	2380	shells	3480
red rock	975	lime	2425	sdv shale blk	3484
anhydrite & lime	980	red rock	2430	show gas 3484	
GYP	1010	lime	2468	sand and shale	3524
shale	1015	shale	2473	total Depth.	
red rock	1040	lime	2482		
lime	1055	shale	2485		
red rock	1060	shale lime	2520		
shale red	1145	shale	2540		
red rock	1195	lime	2595		
lime	1215	red rock	2610		
shale blue	1235	shale	2630		
lime	1250	lime	2635		
shale blue	1260	shale	2658		
red rock	1300	lime	2685		
shale grey	1345	shale	2715		
lime	1370	lime	2725		
shale dark	1375	shale	2755		
lime	1385	lime	2770		
shale dark	1405	shale	2775		
lime	1415	lime	2805		
shale dark	1435	shale	2815		
salt and shale	1480	lime	2830		
salt	1540	shale	2875		
slate and shale	1560	lime	2900		
salt	1710	shale	2920		
slate and salt	1755	lime	2960		
lime	1765	lime	3115		
shale blue	1780	lime			
lime	1790	4 $\frac{1}{2}$ BW 2990-95			
lime shale	1825	sdv lime	3120		
shale	1835	HFW 3100-15			
lime	1880	lime	3176		
red rock	1885	shale	3184		
shale	1895	lime	3187		
lime	1940	shale	3190		
2 $\frac{1}{2}$ BW 1905-20		lime	3215		
shale red	1965	red rock	3225		
lime	2125	cave 3215-25			
lime broken	2140	lime	3255		
lime	2155	2 BW 3235			
shale blue	2165	shale blue	3260		
red rock	2175	cave 3265			

3 $\frac{1}{2}$ M. 3509. 7 M. @ 3511'
13 M. @ 3516 16 M. @ 3518
22 M. @ 3522 25,200,000 @
3524

Handwritten calculations:
3509
1936
1573
3484
1936
1548