

THE DERBY OIL COMPANY.

Reitz No. 1.

DEEPENING RECORD.

SEC. 25 T. 31 R. 2E.

NE NW SW

1113' fr W.L. 219' fr NL

SW 1/4

County. Sumner.

Total Depth. 2707 P.B. 2335
Comm. 2-25-27 Comp. 4-23-27
Shot or Treated. 100 qts 1832-1882
Contractor.
Issued. 1-25-36

JAN 25 1936



CASING.

20" 59' 10" 1079' 3
18 1/2" 223' 1 8 1/2" 1543' 3 UR 1587
12 1/2" 463' 65' 8" 1817'

Elevation. 1161

Production. 960 bbls.,

Figures Indicate Bottom of Formations.

sand	40	shale blue	865
gyp rock light	50	lime grey	894
gravel brown	58	shale blue	905
lime white	105	lime grey	950
shale blue	110	shale blue	955
sand grey HFV	115	lime grey	970
shale blue	140	shale blue	980
lime white	160	lime grey	985
shale blue	165	shale blue	1050
shale white	180	lime grey	1085
lime white	205	HFV 1055	
shale blue	210	shale blue	1088
red rock	215	lime grey	1105
shale blue	220	shale blue	1160
lime white	250	lime grey 3 BWPHR	1170
shale white	270	shale blue	1185
red rock	275	shale blue	1185
slate white	280	lime white	1325
shale blue	305	7 BWPHR 1225	
lime white	315	shale blue	1330
shale blue	320	lime white	1450
lime white	325	12 BWPHR 1445	
slate white	335	shale blue	1485
lime white	340	shale white	1490
shale blue	360	sand white HFV	1500
3 BW 360-400		lime white	1508
broken lime grey	400	sand white water sand	1513
red rock	415	slate white cave	1550
lime grey	425	lime white	1559
shale blue	465	slate white cave	1585
lime grey	475	lime grey	1590
shale blue	490	sand brown oil sand 4BWPH 1600	
lime grey	535	shale dark	1605
shale blue	545	lime grey	1640
lime grey	555	shale light	1817
shale blue	575	Top oil sand 1817	
lime white	585	lime white	1822
shale blue	610	sand oil	1890
lime grey	630	Total Depth.	
shale blue	670		
lime grey	675		
shale blue	685		
lime grey	690		
shale blue	725		
lime grey	730		
shale blue	740		
lime grey 3 BW	750		
shale blue	780		
lime grey 7 BWPHR	790		
shale blue	835		
lime grey	845		

OVER

DEEPENING RECORD.

Old T.D. 1890

Comm. 11-18-35 Comp. 1-9-36
 Prod. 798 bbls Pot.

sand 1890- 1900
 broken lime 1950
 shale and lime shells 1996
 broken lime and shale 2038
 shale 2157
 corrected 2153 equals 2159 SIM.
 lime broen 2159
 lime 2161 show oil
 cored lime hard 2163 2' Reo.
 lime 2250
 broken lime shale and sand 2325
 lime 2345
 lime and shale 2360
 lime 2390
 lime bery soft 2407
 lime hard 2440
 broken lime 2450
 shale blk 2470
 lime 2490
 shale 2505
 sand 2512
 sdy shale 2517
 2517 equals 2515 SIM
 shale blk 2517
 lime cored 2515-20 2520
 lime 2570
 lime soft 2605
 broken lime 2625
 cored 2625-2680
 shale blk 2657
 shale blk with streaks of
 lime 2658
 lime 2659
 shale blk 2661
 shale green 2665
 lime 2672
 sdy lime 2674
 slight saturation.
 sdy lime 2677 very slight sat.
 lime 2680 very slight sat.

standardized Dec 7, 1935.

lime hard 2680-84 $\frac{1}{2}$
 lime HFW 2707

Total Depth.

plugged back 2707-2700

shot 60 qts 2668-2688

no fluid after shot.

addidized 4000 gal P.B. with cement 2565

plugged back 2565-2335

1 bbls fluid per hr 1/3 BW 2/3 Oil

Perforated 2212-2208 with 4 holes no inc.

" 2208-2202 with 4 holes no inc.

" 2202-2192 with 8 holes no inc.

show rotary mud.

Perforated 2192-2188 with 3 holes no inc.

" 2188-2177 with 9 holes

started flowing. 1 1/4Hr.

Perforated casing. 2410-2409 and

2405 $\frac{1}{2}$ 500' water 12 hrs no oil.