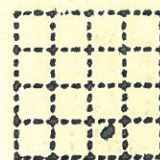


HALL-JORDAN OIL CO.
Smith No. 2.

SEC.12 T.20 R.16W
CN $\frac{1}{2}$ SW SE

Total Depth. 3827'
Comm. 7-11-41 Comp. 7-28-41
Shot or Treated.
Contractor. Simpson Drlg. Co.
Issued. 11-15-41 Rotary O-3827

County. Pawnee



CASING:
10 $\frac{3}{4}$ " 622' Cem.
5 $\frac{1}{2}$ " 3827' Cem.

Elevation.

Production. Pot. 8999 B.

Figures Indicate Bottom of Formations.

clay	315
shale & shells	455
sand	602
shale red	1060
anhydrite	1115
shale & shells	1610
salt	1716
salt & shale	1820
lime brkn	2050
lime cherty	2110
lime brkn & shale	2310
lime shells & shale	2724
shale blue	2750
lime brkn	2770
lime gy	2800
lime brkn	2920
lime gy	2950
shale	3060
lime brkn	3328
lime	3376
lime brkn	3422
shale blue	3454
lime	3596
shale	3610
lime	3626
lime brkn	3707
shale	3728
Arbuckle dolomite	3827
Total Depth.	

Artesian Water sand	455-602
anhydrite	1060-1115
Salt zone	1610-1827
Ft. Riley	2090
Top Topeka Lansing	3454
1st oolitic zone	3465
2nd oolitic zone	3535-3554
Base Lansing	3596
Marmaton	3596-3728
Top Arbuckle	3728
Base Big Gas zone	3782
Top Oil zone	3784
Base Oil zone	3813
Wtr zone	3813-3827

Coring Record:

Core #1 3785-93 rec 5'
top 3' sft porous well-saturated dolomite
1' chert & dolomite, partly saturated
1' blk chert, saturated in seams

Core #2 3800-06 rec 3'

Core #3 3806-17 rec 6'4"
top 4' saturated sft porous dolomite
lower 2'4" pieces of denser dolomite, partly sat.