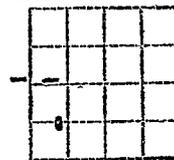


Company - CITIES SERVICE OIL
Farm - Robison No. 59

SEC. 31 T. 25 R. 5E
CE/2 W/2 SW
1320'N, 990'E of SW cor.

Total Depth. 2461
Comm. 4-8-50 Comp. 4-20-50
Shot or Treated.
Contractor. B & R Drilg Inc.: C.L. Roberts
Issued. 10-7-50

County. Butler
KANSAS



CASING:
8 5/8" 81' cem w/ 65 sx.
5 1/2" 2431' cem w/100 sx.

Elevation. 1101 R.T.B.

Production. 1400 Ind
77 bbls, 0 wtr.

Figures Indicate Bottom of Formations.

soil	5	First Free Oil	2437-37
lime	30		
shale	40	Fill Up:	1651' oil, 0
lime	60	water,	23 1/3 hrs. at TD
shale	65		
lime	320	Was not shot or az. upon	completion.
lime, shale	570		
shale, shells	695		
shale, sand	775	I.P. (Mach.) (Arbuckle	Natural)
lime, shale	850		
shale, sand	982		
shale, lime	1155		
lime	1265		
lime, shale	1490		
shale, sand	1580		
lime, shale	1746		
lime	1810		
lime, shale	2430		
sand	2434		
lime	2461		
Total Depth			
Tops:			
Lansing lime	1716		
Base Lansing lime	1862		
Kansas City Ls.	1998		
Base- Kansas City Ls.	2168		
Arbuckle Dolomite	2430		

Straight Hole Survey:

450' O.K.
974' O.K.
1442' O.K.
1925' O.K.

Steel Line Measure:

456=476
974=974
1442=1442
1971=1971
2407=2411
2434=2434

Note: All measurements
taken from R.T.B.

R.T.D. 2434

1740-79 SSO
1999-04 S.O.
2009-2021 S.O.
2027-46 S.O.
2058-77 S.S.O.
2110-15 S.S.O.
2136-64 F.S.O.
2430-37 S.S.O.
2437-44 S.O.
2444-48 F.S.O.
2448-52 F.S.O.
2452-61 G.S.O.

Best Pays 2437-48
2448-61