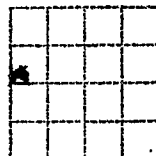


Company CITIES SERVICE OIL COMPANY
Farm Knox No. 34

SEC. 22 T. 25 R. 5E
SW SW NW
330' N & 330' E of W $\frac{1}{4}$ Cor.

Total Depth. 2494'
Comm 12-2-47 Comp. 12-14-47
Shot or created.
Contractor B & R Drilg. Inc.
Issued 3-27-48

County. Butler KANSAS



CASING:
8 5/8" 80' cem w/65 sx.
5 1/2" 2480' cem w/200 sx.

Elevation. 1362 Ind

Production. 49 1/2 BO No W 14 hrs.
N.O.P. Natural

Figures Indicate Bottom of Formations.

lime	0-130
shale & lime	628
sand	656
lime & shale	1581
lime	1609
lime & shale	1665
lime	1802
lime & shale	1948
lime	2109
lime & shale	2189
sand	2232
lime & shale	2410
sand	2425
lime & shale	2445
shale, lime, sand	2479
lime	2494
Total Depth	

Top 600' Gas Sand 628
Good SO

Base 656
Top Iatan Lime 1581
1597-1601 Fair S.O.
Base Iatan Lime 1609
Top Lansing lime 1665
1685-90 Fair SO
1704-13 Good SO
1717-25 " SO
1748-55 Fair SO
1766-73 Good SO

Base Lansing lime 1802
Top Kansas City lime 1948
1978-83 Fair SO
2008-18 Fair SO
2051-54 Fair SO

Base Kansas City lime 2109
Top Marmaton sadn 2189
2192-32 Good SO
Base Marmaton sand 2232

Top Ero. Simpson Sec 2410
Top Arbuckle Dol. 2479 -2483-88 Fair SO
DST @ 2494' Packer Set @ 2483'
2200' of fluid in 45 minutes: 2140' of
O No W 60' of Rotary Drilg. mud.
Natural Fill up after drilg. Cem. plug
& COTD

2150' Oil, No Wtr. in 13 hrs.

Steel Line Measurement
500=500
1239=1241
1636=1636
1924=1926