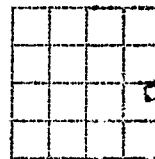


Company. CITIES SERVICE OIL COMPANY
Farm Chesney No. 149

SEC. 21 T. 25 R. 35E
NE NE SE
380' S 360' W of E $\frac{1}{4}$ Corner

Total Depth. 2210'
Comm 1-12-48 Comp. 2-11-48
Shot or Treated. Shot 80 qts. 2172-2210
Contractor. B. & R. Drlg. Inc.
dated 4-10-48

County. Butler
KANSAS



LANSING
8-5/8" OD 81' Cem. W/ 60 Sx.
5-1/2" OD 2163' Cem. W/135 Sx1

Elevation. 1367 m
1371 m
Production. 73 BO, 0 wtr 24 hr.
N.P.P. After Shot.

Figures indicate Bottom of Formations.

soil	85
lime	194
lime & shale	340
shale & shells	645
lime & shale	1522
shale sandy	1556
lime	1583
shale & lime	1633
lime	1780
lime & shale	1912
shale	1925
lime	2088
lime & shale	2163
sand	2207
lime	2210
Total Depth	

STEEL LINE MEASURE:

500 = 500
1080 = 1081
2126 = 2126

Top Iatan Lime 1556
1557-66 Fair Por & oil Sat.
1573-81 Med. to low sat.
Base Iatan Lime 1583
Top Lansing 1633
1658-64 Med. to good por & oil sat.
1667-71 med. to good por. & oil sat.
1686-1708 " " " " " "
1733-41 Low " " " " " "
1744-51 " " " " " "
Base Lansing Lime 1780
Top K. C. Lime 1925
1941-50 Med. to low por. & oil sat.
1972-79 " " " " " "
1989-2003 " " " " " "
2081-87 S.S.O.
Base K. C. Lime 2088
Top Marmaton Sand 2163
2163-66 S.S.O.
2188 V.S.S.O.
2178-2207 Best Pay
Base Marmaton Sand 2207

~~1 BO & 0 wtr PH at T.D.~~

Shot 80 qts. 2172-2210
Fill up 950' oil in hole.

73 BO 0 wtr 24 hr N.P.O. after shot