

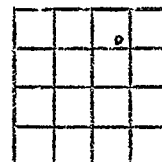
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- CITIES SERVICE OIL COMPANY  
Farm- Pierpont No. 89

SEC. 32 T. 25 R. 5E  
SE NW NE  
1650' N, 990' E. of Center of sec

Total Depth. 2427  
Comm. 9-2-52 Comp. 9-26-52  
Shot or Treated.  
Contractor. B & R Drlg. Inc. & C. L. Roberts  
Issued. 2-28-53

County Butler  
KANSAS



CASING:  
10 3/4" 83' cem. w/65 sx  
7" 2423' cem. w/150 sx

Elevation. 1363 RTB.

Production. 115 BO & 173 BW  
24 hrs.

Figures indicate Bottom of Formations.

soil	3	2424-27' G.S.O.
lime	48	Best pay 2421-27'
shale	52	fill up Natural
lime	54	600' oil 7 gal. wtr off
shale	60	bottom in 45 min.
red bed	64	1400' oil, 2 bbls. wtr off
lime	69	bottom in 2 1/2 hrs. 1981' oil,
shale & cem.	75	2 bbls. wtr off bottom in 10 1/2 hrs.
lime & cem.	85	Pumped (Natural from Arb.)
lime	370	10-2-52 97 oil 141 wtr. 24 hrs. N.P.O.
shale & lime	574	10-9-52 60 oil 180 wtr 24 hrs. N.P.O.
shale & shells	1230	10-11-52 110 oil 154 wtr 24 hrs. N.P.O.
lime & shales	1380	10-12-52 115 oil 173 wtr 24 hrs. N.P.O.
lime	1455	10-13-52 95 oil 182 wtr 24 hrs. N.P.O.
shale & lime	1565	10-14-52 90 oil 170 wtr 24 hrs. N.P.O.
shale & shells	1664	10-16-52 85 oil 175 wtr 24 hrs. N.P.O.
lime	1740	10-17-52 90 oil 180 wtr. 24 hrs. N.P.O.
lime & shale	1755	
lime	2130	Steel Line Measurement:
shale & lime	2290	400=402
shale streaked	2400	1719=1719
shale & lime	2406	1899=1903
shale & sand	2417	2387=2387
lime	2424	2424=2424
dolomite	2427	2412=2412
Total Depth		

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

Tops:

Top 700' Sand	620'
Base	640
Douglas Sand	1497
Base	1550
Iatan Lime	1613
Base	1625
Lansing Lime	1664
Base	1882
Kansas City Lime	1966
Base	2132
Simp. Green Shale	2408
Base	2420
Arbuckle Dolo.	2421

640' F.S.O.  
1497-1516' N.S.O.  
1516-50' Stain  
1613-25' N.S.O.  
1683-96' S.S.O.  
1701-44' S.O.  
1971-83' F.S.O.  
1993-96' S.O.  
2395-2400' N.S.O.  
2400-03' N.S.O.  
2403-2408' shale  
2408-20' N.S.O.  
2420-21 G.S.O.  
2421-24' F.S.O.  
R.T.D. 2424  
Drl. cement plug & C.O.T.D.