

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
503 East Murdock, Wichita, Kansas

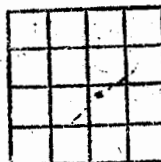
6-17-10E

Company- CITIES SERVICE OIL CO.
Farm- Cobb No. 1

SEC. 6 T. 17 R. 10E
NW NW SE
330' S & 330' E of Cen.

County Lyon KANSAS

Total Depth. 3150'
Comm. 4-4-58 Comp. 4-17-58
Shot or Treated.
Contractor. White & Ellis Drig Co.
Issued. 7-12-58



Elevation. 1306' RB(5' above GL)

CASING:
10 3/4" 209' w/150 sx com.

Production. Dry

Figures Indicate Bottom of Formations.

All Meas. Fr RB
soil 10
lime, shale stks 90
lime 193
shale, lime stks 201
lime, shale 260
shale, sdy 340
lime, shale 410
shale 495
shale, lime stks 560
lime, shale 594
shale 722
lime 744
shale, lime stks 874
lime, shale 1108
lime 1154
shale, lime 1268
shale, sdy shale 1462
lime 1699
lime, shale stks 1724
lime 1777
shale, shell 1860
shale, lime stks 1912
lime 1930
shale, lime 2024
shale, shell 2194
shale, lime 2325
shale 2335
lime, shale 2379
lime 2564
lime, chert 2720
shale 2861
lime 2896
shale 2967
lime 2973
lime, chert 2976
lime, cherty 2980
lime 3028
cherty dolomite 3036
shale, dolomite 3055
sand 3089
red rock 3093
sand 3114
shale 3118
lime 3123
lime, cherty 3150
Total Depth

Top Deer Creek Ls. 874
Base 890 N.S.O.
Top Lecompton Ls. 924
Base 1048 N.S.O.
Top Oread Ls. 1096
(Heebner Sh. 1124038')
Base 1154 N.S.O.
Top Lansing Ls. 1418
Base 1488 N.S.O.
Top Kansas City Ls. 1536
Base 1777 N.S.O.
Top Pawnee Ls. 1912
Base 1922 N.S.O.
Top Fort Scott Ls. 1960
Base 1999 N.S.O.
Top Mississippi Ls. 2384
Base 2720 N.S.O.
Top Kinderhook Sh. 2720
Base 2860 NS.O.
Top Misener Sd. 2860
Base 2861 N.S.O.
Top Hunton Ls. 2861
Base 2896 N.S.O.

DST #1 2862-2873' (11' anchor) Open 1 hr.
Closed 30 min. Opened w/a weak blow which
continued until tool was closed. Rec. 3'
drilling mud w/spots of tarry dead oil,
60' drilling mud. IF 38#; FF 58#; BHP 1040#;
HH 1532#.

DST #6 This Straddle Packer test was taken
after R.T.D. of 3150' had been reached.
2861-2878' (Acid tool-Straddle packer test)
17' anchor, 272' tail pipe at R.T.D. of 3150'
Staged 35 gals. of 15% mud clean out acid,
in three stages over a period of one hour.
Open 2 hrs. Closed 1 hr. Opened w/a strong
blow (est. acid), released press., built
back to a good blow which lasted 1 hr. 15 min.,
dead for 35 min. Strong blow the last 10
min. tool was open. Rec. 29' mud cut acid,
36' spent acid wtr., onepint of shale cut-
tings. IF 33#; FF 62#; BHP 1028#; HH 1410#.
(Both top and bottom packers held-this is a
reliable test).

Steel Line Meas. S.H.S.
999' = 999' 999' O.K.
2019' = 2091' 2019' O.K.
2808' = 2808' 2808' O.K.
3150' = 3150' 3150' O.K.

Top Howard Ls. 720
Base 744 N.S.O.

Top Topeka Ls. 786
Base 828 N.S.O.

Top Maquoketa Sh. 2896
Base 2932 N.S.O.

Top Viola Ls.

2967

Base

3041 S.S. Tarry dead oil.

DST #2 2967-2970' (3' anchor) Open
1 hr. 13 min. Closed 30 min. No visible
blow. Rec. 10' drilling mud, no oil,
no gas, no wtr. IF 16#; FF 33#; BHP 1038#;
HH 1551#.

DST #3 2967-2976' (9' anchor) Acid tool
test. Staged 31 gals of 15% mud clean out
acid in three stages over a period of one
hour. Open 1 hr. Closed 30 min. Opened w/a
strong blow (est. acid), released acid gas,
built back immediately to a good blow which
continued until tool was closed. Rec. 15'
spenc acid wtr., 150' sulphur wtr., no oil,
no gas. IF 41#; FF 135#; BHP 1015#; HH 1542#.

Top Simpson Sd

3055

(Red Rock Horizon 3089-93'0

Base Simpson

3114 N.S.O.

DST #4 3048-3074 (26' anchor) Open $\frac{1}{2}$ hr.
Closed $\frac{1}{2}$ hr. Opened w/a strong blow which
continued until tool was closed. Rec. 15'
drilling mud, 600' formation wtr., not
salty, but had a sulphur odor. IF 41#; FF 523#;
B HP 1062#; HH 1601#.

Top Arbuckle Ls.

3118

Pen.

32 N.S.O.

DST #5 3120-3133' (13' anchor) Open 1 hr.
Closed 30 min. Opened w/a strong blow which
continued until tool was closed. Rec. 110'
muddy wtr., 1700' vy. sl. salty wtr., no
oil, no gas. IF 33#; FF 788#; BHP 1128#; HH
1595#.

Note: DST #6 shown above in Hunton Ls.

Ran Schlumberger Laterolog Survey & Micro-
Laterolog.