

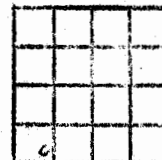
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- LION OIL CO.
 Farm- Cooley No. 1

SEC. 7 T. 9 R. 21W
 SE SW SW

Total Depth. 3819
 Comm. 11-16-53 Comp. 11-28-53
 Shot or Treated.
 Contractor. Rine Drlg.
 Issued. 1-30-54

County Graham
 KANSAS



Elevation. 2300

Production. Echo. 2316 + 16%
 wtr.

Figures Indicate Bottom of Formations.

surface sand & clay	202
shale	778
shale & shells	1225
streak pyrite	1250
shale	1535
shale, red bed & shells	1780
anhyd.	1815
shale & shells	2190
shale & lime	2630
lime, shale, pyrite & chert	2660
lime & shale	3530
lime	3558
lime & shale	3583
lime	3697
lime & shale	3817 RTD
lime & shale	3819
Total Depth	

Tops: Scout	
Lansing	3505
Base Kansas City	3707
Arbuckle	3810

D.S.T # 1 3508-25 open 1 hr, rec. 40'
 heavily oil cut mud, 150' wtr;
 weak blow throughout test, 15 min.
 15 min BHP 1120#.

2 3532-58 open 1 hr, rec. 60' very
 heavy gassy muddy oil, 1100' gassy oil,
 250' wtr, 15 mins. SIP 1220#, FIP 340#;
 FFP 570#.

3 3570-3600 open 1 hr, rec. 45' oil and
 gas cut mud, 360' muddy gassy oil,
 15 min. SIP 1320#, IFP 0 #.

4 3686-97, open 40 min., rec. 9' mud,
 15 min. BHP 0#.

Drilled plug and cleaned out to RTD 3817
 Bailed 1 1/2 BOPH, no wtr.
 DD 3819 TD
 Bailed 2 BOPH, no wtr.
 500 gal. acid. Swb load and swb 45 BO
 in 45 min., no wtr, 1500' off bottom POP