

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

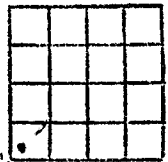
28-33-29W

Company- SKELLY OIL COMPANY
Farm- F. L. Feldman No. 1

SEC. 28 T. 33 R. 29W
SW SW SW
330' fr SL & 330' fr WL of SW/4

Total Depth. 6010'
Comm. 1-6-57 Comp. 2-12-57
Shot or Treated.
Contractor. Danforth Drilling Company
Issued. 5-25-57

County Meade KANSAS



Elevation. 2601' DE

Production. Dry

CASING:

8 5/8" @1038' w/550 sx cem.
5 1/2" @6009' w/250 sx cem.

Figures indicate Bottom of Formations.

surface soil, clay and sand 136
sand, clay and shells 831
shale, clay and red bed 1038
sand, shale & red bed 1400
shale 1972
Anhydrite and lime 2212
shale 2346
lime & shale 2855
Chalky lime & shale 2960
lime & shale 4892
lime 4920
lime & shale 5388
lime 5418
lime & shale 5463
lime, shale & chert 5522
lime & shale 5808
sand & shale 5836
shale & lime 5960
lime 6010

Total Depth
TOPS

Heebner shale 4423
Lansing lime 4579
Marmaton lime 5256
Cherokee lime 5476
Morrow shale 5774
Chester 5910

Ran Schlumberger Survey

DST #3 set packer @5898'
used 62' anchor, packer would not hold. Pulled & reran tester & set packer @5885' used 75' anchor, gas to surface in 11 min., op. 1 hr. 15 min. gas gauged 62 MCF, rec. 210' gas cut drlg. mud, IFP-75#, FFP-100#, BHP-1265# in 30 min.
DST #4 packer set @5960' used 50' anchor, op. 1 hr. light blow for 24 min. rec. 20' drilling mud. IFP-25#, FFP-50#, BHP-50# in 20 min.

ACID TREATMENT

Treatment #1 5942-5949' using 500 gals. of acid and 136 barrels of wtr.
Treatment #2 5942-5949' using 300 gals of acid and 142 barrels of wtr.
Treatment #3 5900-04' and 5914-18' using 1500 gals of acid and 3 1/2 barrels wtr to flush.
Treatment #4 5900-04' and 5914-18' using 2000 gals of acid and 21 barrels of water.
Treatment #5 4577-4584' using 500 gals. of acid and 109 barrels of wtr.

Treatment #2 (blender broke down, pumped in only 5000 gals of gel) 5000# sand Time 25 min. Max. TP-3300# 950 gals. wtr to flush.

CORE RECORD

Cored from 5808-5827'
Recovered 17'
Cored from 5836-5855'
Recovered 18'
Cored from 5855-5858'
Recovered 3'
Cored from 5858-5901'
Recovered 41'

DRILL STEM TEST

DST #1 packer set @5769' used 58' anchor, op. 1 hr., light blow for 1 hr. rec. 5' of drlg. mud, IFP-45#, FFP-45#, BHP-70#, in 20 minutes.
DST #2 packer set @5823' used 78' anchor, op. 1 hr. weak blow for 25 min. rec. 10' drilling mud, IFP-65#, FFP-65#, BHP-110# in 20 minutes.

ACID-FRAC TREATMENT

Treatment #1 5942-5949' Used 6000 gals of acid 6000# of sand, Max. CP-1350#. Time 10 min. Used 6000 gals of wtr. to fill hole and flush Time 20 min.
Treatment #2 5900-04' and 5914-18' Used 8000 gals of Gel, 8000# sand Time 29 min. Max. TP-3300

VIS-O-FRAC TREATMENT

Treatment #1 5854-5860' Used 8000 gals of diesel gel. 8000# sand, 950 gals. of wtr to flush. Time 30 min. Max. TP-4200#.
Treatment #2 5815-24' and 5811-14' Used 8000 gals. frac gel (Continued)