

33-34-12W²¹

R O T A R Y D R I L L E R S ' L O G

OPERATOR: Clarke Corporation DRILLING COMMENCED: March 10, 1981
Box 187
Medicine Lodge, Kansas 67104

CONTRACTOR: Graves Drilling Co., Inc. DRILLING COMPLETED: March 18, 1981
910 Union Center
Wichita, Kansas 67202

CASING RECORD: 5 Jts. 218' of used 8-5/8" LOCATION: Graves "A" No. 1
cemented with 225 sacks. SW SE NW
Section 33-34S-12W
123 Jts. 4838' of new 4 1/2" Barber County, Kansas
cemented with 75 sacks.

0 - 218 Red bed

218 - 1653 Red bed & shale

1653 - 2141 Shale & lime

2141 - 2392 Lime & shale

2392 - 3515 Shale & lime

3515 - 3705 Lime & shale

3705 - 4450 Shale & lime

4450 - 4583 Lime & shale

4583 - 4761 Shale & lime

4761 - 4840 Lime & shale

4840 Rotary Total Depth

State Geological Survey
WICHITA, BRANCH

I hereby certify the foregoing statements to be true and correct to the best of my knowledge.

Copy sent to:

GRAVES DRILLING CO., INC.

State Corporation Commission
Kansas Geological Society
Kansas Geological Survey

By Betty R. ...
Secretary-Treasurer

STATE OF KANSAS)
) ss.

33-34-12W

Graves DRILLING CO. INC.

TEL. 316-265-7233

910 UNION CENTER

WICHITA, KANSAS 67202

DRILLING REPORT

Re: Graves No. 1-A
SW SE NW
Section 33-34S-12W
Barber County, Kansas
Elevation: 1446 G.L.
1457 K.B.

- 3-10-81 Moved in Graves' rotary tools, rigged up and spud at 3:15 P.M.
Ran 5 Jts. used 8-5/8" 28# surface, tallied 205.43' set @ 218'
with 225 sacks cement, 2% Gel, 3% CC with basket @ 93'. Plug to
195' @ 8:30 P.M.
- 3-11-81 Drilling @ 1200' at 9:30 A.M.
- 3-12-81 Drilling @ 2220' at 8:15 A.M.
- 3-13-81 Drilling @ 2915' at 8:15 A.M.
- 3-14-81 Drilling @ 3450' at 8:30 A.M.
- 3-15-81 Drilling @ 3925' at 8:30 A.M.
- 3-16-81 Drilling @ 4340' at 8:30 A.M.
- 3-17-81) Drilling @ 4705' at 8:15 A.M. Drilled to a RTD of 4840' and
- 3-18-81) ran electric log. Will run new 4 1/2" 10 1/2# casing.

State Geological Survey WICHITA, BRANCH

Log Tops:

Elgin Shale	3634 (-2177)
Elgin Sand	3654 (-2197)
Heebner	3852 (-2395)
Lansing	4170 (-2713)
Stark	4514 (-3057)
Cherokee Sand	4749 (-3292)
Rework Mississippi	4760 (-3303)
LTD	4840 (-3383)

Sample Tops:

Elgin Shale	3634 (-2177)
Elgin Sand	3653 (-2196)
Heebner	3855 (-2398)
Lansing	4173 (-2716)
Stark	4516 (-3059)
Cherokee Sand	4748 (-3291)
Rework Mississippi	4760 (-3303)
RTD	4840 (-3383)