

15-077-20166

26-31-9W

GEOLOGICAL REPORT

Se Ro Bee & Shaffer

#1 Broce

Cen. W/2 SE SE Section 26-31-9W.

Harper

~~Harper~~ County, Kansas

By::

LEE POULSEN
PETROLEUM GEOLOGIST
302 INSURANCE BLDG.
WICHITA, KANSAS 67202

G E O L O G I C A L R E P O R T

Contractor: Graves Drilling Inc.
 Commenced: October 10, 1972
 Completed: October 19, 1972

Se Ro Bee & Shaffer #1 Broce
 Approx. Cen. W/2 SE SE
 Sec. 26-31-9w
 Harper County, Kansas

Gentlemen:

Following is the geological report on the above captioned well. Samples were examined from 3600 feet to the total depth. All measurements were taken from the Kelly Bushing.

Elevation: 1603' K.B. 1598' G.L.
 Surface Pipe: 8 5/8" @ 216 feet with 150 sacks.
 Production Pipe: 5 1/2" @ 4423 feet with 100 sacks.
 Drillstem Tests: One was run by Western Testers.
 Electric Log: None

Formation Summary

Lansing	3655 (-2052)
Base-Kansas City	4209 (-2606)
Mississippian	4419 (-2816)
Total Depth	4435 (-2832)

Sample DescriptionsLansing-Kansas City

3655 - 4209 A number of very porous zones were encountered in this section, but no shows were found.

Mississippian

4419 - 4422 Chert, white, mostly fresh, with some limestone, slightly shaley, poor porosity, no shows.

4422 - 4430 Chert; white, becoming weathered to tripolitic, some buff, medium crystalline dolomite, fair scattered pinpoint and vugular porosity, spotted staining, slight show of free oil, no odor.

4430 - 4435 Chert; as above, increase in porosity, good staining to saturation, fair odor. Small amount of dolomite.

Drillstem Test 4418 to 4435 ft. Tool open 15 min. Shut in 45 min., Open 90 min., Shut in 60 min. Strong blow with gas to surface in 20 min. Guaged 17,100 CFG/D in 30 min. & increased to 64,000 CFG/D at end of test. Recovered 90 feet of gas cut mud.

IFP 63 psi.
IBHP 1392 psi.

FFP 63 psi.
FBHP 1402 psi.

Total Depth 4435 feet.

The well will be tested further thru production casing.

Very truly yours,

Lee Poulsen
Lee Poulsen