

W. VERNON HESS

PETROLEUM GEOLOGIST

Grahamart-Miller #1 Stout
NW-SE-SW 8-31-6E
Cowley County, Kansas

Contractor: Wm. Graham
Spudded: August 20, 1954
Elevation: 1321 K.B.

Formation tops and zones of porosity, determined by samples and drilling time observed by John Miller, are as follows:

Stalnaker sand 1769 (-448)

1769-1850 Sand, coarse, quartzitic, micaceous, no show.

Layton sand 1922 (-601)

1922-95 Sand, gray micaceous, silty shaley.

Kansas City 2161 (-840)

Observed by W. Vernon Hess, are as follows:

Shabey sand 2784 (-1462)

2784-96 Sand, gray micaceous, silty and shaley.

Bartlesville sand 2796 (-1474)

2796-32 Sand fine to medium grained, gray, micaceous, poor porosity, no show.

D.S.T. #1: 2800-24: Open $\frac{1}{2}$ hour, no blow, recovered 12 feet drilling mud. 135# B.H.P.

2832-45 Sand, medium grained, gray micaceous, fair porosity, good odor, spotted stain and trace of free oil.

2845-56 Sand, medium grained, fair porosity, no show.

D.S.T. #2: 2832-50: Open 1 hour, light blow for 30 minutes; recovered 40 feet drilling mud with specks of oil. "0" B.H.P.

Mississippi chert 2908 (-1587)

2908-15 Chert white, fresh, no porosity or stain.

R.T.D. 2915 (-1594)

5 $\frac{1}{2}$ " casing set at 2870 with 30 sacks.

REMARKS

The Bartlesville sand datum at the G-M-R-M #1 Stout is approximately level with Bartlesville producing wells in the Eastman Pool one mile to the north, and the Burden Pool $1\frac{1}{2}$ miles to the south. The sand section from 2832-45, as previously described, altho appearing very weak from sample examination and D.S.T. #2, was believed to be in a structural position sufficient to warrant running casing to perforate and sand fracture.

As previously described, no shows of oil or gas were apparent in the Stalnaker, Layton, Kansas City or Mississippi chert formations.

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NO. 1 A. S. STOUT

NW SE SW S-8, T-31S, R-6E

Cowley County, Kansas

SUPPLEMENTAL REPORT - Cable Tool Unit Activity

September 15, 1954

R.T.D. 2925'
5 1/2" @ 2883' w/30 sx. cem.

Moved in cable tools September 8th.

Perf 2841-46' w/20 Jet shots and 15 bullets. Made 55 Gals. wtr for 8 hrs.
No free oil. Rainbow show of oil on water.

Set plug @ 2836. Perf 2827-31. No show. Perf. 2818-23. Made 7 Gals. wtr.
per hour. Rainbow show. Bailed 43 Gals. wtr. in 9 hrs. Fair show of gas.
Sand-oil frac treatment thru Perf 2818-23 with 195 Bbls. load oil. While
swabbing load oil well made considerable gas and water. On final test
swabbed 26 bbls. wtr. and 6 bbls. oil in 2 hrs. Lacked 53 bbls. of getting
load oil back.

Will plug and abandon.

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