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10-5S-22W

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WICHITA, KANSAS
TELEPHONE 5-0614

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Harry Gore
400 Brown Building
Wichita, Kansas

Dear Sir:

Herewith is a report based on the examination of the cuttings from the Voss no. 1. I have examined all of the cuttings from 2960 to 3602 and was present at the well during the drilling from 3200 to 3602.

Harry Gore
Voss No. 1.
10-5S-22W
Norton County, Kansas

Location: SE NE NE
Elevation: 2126 Rig Floor

3056 (-930) Top of Topeka Lime.

3141-68 - Light to light brown granular somewhat cherty lime with some minute porosity and no oil stain.

3208-14 - Light limestone with a little poor vugular porosity and an occasional piece having an oil stain. There was no free oil and no oil odor.

3247 (-1121) Top of Heebner Shale.

3274 (-1148) Top of "Brown Lime".

3274-78 - Light, slightly oolitic limestone with a little poor porosity and a fair stain of light colored oil. There was no free oil and no oil odor.

3291 (-1165) Top of Lansing-Kansas City Lime.

3315-18 - Light limestone with a little vugular porosity and a little free oil in the pores.

Drill Stem Test #1:

Open:

Blow:

Recovered:

B.H.P.

3276-3334

1 hour

Light, steady throughout.

120 feet mud with a trace of oil.

1200 pounds in 17 minutes.

3341-44) - Light limestone a few pieces of which is oolitic

3346-48) to vugular and has an oil stain and a few pieces

3361-64) have free oil in the pores.

3366-72) There was no oil odor.

Drill Stem Test #2:

Open:

Blow:

Recovered:

Bottom Hole Pressure

Final flow pressure:

3342-3379

45 minutes.

Strong throughout test.

795 feet of muddy salt water.

1180 pounds in 15 minutes.

310 pounds.

OWLL

- 3443-45 - Light limestone with a little porosity and a trace of residue.
- 3448-49 - Light limestone with very poor porosity and a light oil stain.
- 3471-72 - Light limestone with poor porosity and a trace of asphaltic residue.

3477 (-1351) Base of Kansas City Lime.

3533 (-1407) Top of "Gorham Sand".

- 3533-38 - Clusters of medium to medium coarse sand with an occasional small limestone fragment included. This sand was slightly conglomeratic. The porosity was fair and there was free oil in all of the porous pieces.

Drill Stem Test #3:	3519-3537.
Open:	30 minutes.
Blow:	Very strong throughout test.
Recovered:	435 feet of muddy, gassy, salt water with a scum of oil.
Bottom Hole Pressure:	900 pounds in 15 minutes.
Final Flow Pressure:	110 pounds.

- 3538-40 - Very dark green sandy clay with no oil stain.

3540 (-1414) Top of Arbuckle Dolomite.

- 3540-42 - Light brown, medium crystalline, very glauconitic dolomite with no oil stain.
- 3542-47 - Light brown medium crystalline dolomite, the most of which is very glauconitic with an occasional small cavity or vug with a trace of free oil.
- 3547-53 - Light tan, medium crystalline dolomite most of which is very glauconitic. There was no oil stain in this dolomite.

Drill Stem Test #4:	3542-3557
Open	30 minutes.
Blow:	Very strong throughout.
Recovered:	930 feet of muddy, gassy salt water with no oil.
Bottom Hole Pressure:	830 pounds in 15 minutes.
Final Flow Pressure:	400 pounds.

- 3553-62 - Light, calcareous or dolomitic, medium fine sand and some sandy dolomite. (The sand content increases with depth.) There were some specks of asphaltic residue in this sand.

3562 (-1436) Top of Reagan Sand.

- 3562-35 - A medium grained sand matrix with some large frosted rounded grains included. There was no oil stain or odor.

3585 (-1459) Top of Granite Wash or Weathered Granite.

- 3585-3602 - Pink Feldspar, glassy quartz and a little dark accessory mineral (Biotite or hornblende) with no oil stain or odor.

3602 - Total Depth. Rig Floor.

3605 - Total Depth. Top of Kelly Bushing.

There were no shows of oil worthy of further testing. It was recommended that the test be abandoned.

All depths have been corrected to conform to the drilling time record and were taken from the rig floor which was 3 feet below the Kelly bushing and 1 foot above the ground level.

Respectfully submitted,

Jas. I. Daniels
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JID:jy