DON D. STRONG .... PETROLEUM GEOLOGIST

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September 9, 1964

GEOLOGICAL REPORT

Chief Drilling Co., Inc.
#1 Klenk
NE SW NW Sec. 3-10S-23W
Graham County, Kansas

Contractor: Chief Drilling Co., Inc.
Elevation: 2438 K.B.
Completed: D & A - September 7, 1964
R.T.D.: 3975 feet
Electric Log: None

Formation Tops

Heebner	3718	(-1280)
Toronto	3738	(-1300)
Lansing	3751	(-1313)
Base Kansas City	3973	(-1535)
R.T.D.	3975	

Oil Shows, Porous Zones and Testing Data

Samples were examined from 3500 feet to R.T.D. The Topeka Section was void of oil shows.

Toronto 3738 (-1300)

3738 - 3748 Cream dense cherty limestone. No oil show. Poor porosity.

Lansing 3751 (-1313)

3751 - 3777 (Top zone) White finely crystalline limestone. More dense near base of bed. No oil show. Poor porosity.

3784 - 3791 (35' zone) Discolored to tan finely crystalline fossiliferous limestone. No oil show. Poor porosity.

3793 - 3802 (50' zone) Off white finely crystalline slightly fossiliferous and slightly dolomitic limestone. Trace of dark oil stain. No free oil. Fair to poor porosity.

3821 - 3825 (70' zone) Tan dense shaly limestone. No oil show. Poor porosity.

3830 - 3835 (90' zone) White soft chalky limestone. No oil show. Poor porosity.

3843 - 3850 (100' zone) White finely crystalline to chalky limestone. Trace of oil stain. No free oil. Poor porosity.

3884 - 3898 (140' zone) Tan dense slightly cherty limestone. No oil show. Poor porosity.

3907 - 3914 (160' zone) Tan dense shaly limestone. No oil show. Poor porosity.

3920 - 3930 (180' zone) Off white finely crystalline slightly fossiliferous limestone. Very spotty oil stain. Trace of free oil. Generally poor scattered porosity. Judged no value.

3947 - 3955 (200' zone) Cream finely crystalline limestone. No oil show. Poor porosity.

3959 - 3973 (220' zone) Finely crystalline fossiliferous limestone. No oil show. Poor porosity.

Base Kansas City 3973 (-1535)

R.T.D. 3975

REMARKS:
The #1 Klenk ran structurally low to all relative production in the area. Likewise, all zones of porosity and oil shows were very poorly developed and there were no zones worth testing. Plugged and abandoned, September 7, 1964.

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