

JAMES C. MUSGROVE

Petroleum Geologist
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mai Oil Operations
Gottschalk #1
SW-NE-SW-SW
Section 29-16s-19w
Rush County, Kansas
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Dry and Abandoned

Contractor: Southwind Drilling Co. (Rig #3)
Commenced: September 28, 2013
Completed: October 2, 2013
Elevation: 2063' K.B; 2061' D.F; 2056' G.L.
Casing program: Surface; 8 5/8" @ 998'
Production; none.
Sample: Samples saved and examined 3100' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 3100 ft to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Formation Tests: None.
Electric Log: None.

<u>Formation</u>	<u>Sample Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1307	+756
Base Anhydrite	1346	+717
Heebner	3393	-1330
Toronto	3409	-1346
Lansing	3438	-1375
Base Kansas City	3703	-1640
Marmaton	3740	-1677
Conglomerate	3790	-1727
Arbuckle	3855	-1792
Rotary Total Depth	3875	-1812

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

3360-3380' Limestone; cream, tan, fine and medium crystalline, dolomitic in part, questionable stain, no show of free oil and no odor in fresh samples.

LANSING SECTION

- 3438-3703 There were several zones of well developed porosity encountered in the drilling of the Lansing section but the only shows of oil and/or gas was from the following zone.
- 3656-3662' Limestone; white, cream, finely crystalline, slightly oolitic, mostly dense, few sub oomoldic, trace questionable stain, no free oil and no odor in fresh samples.

MARMATON SECTION

- 3740-3790' Varied colored chert and limestone, poorly developed porosity, no shows.

CONGLOMERATE SECTION

- 3790-3855' Varied colored chert and cherty dense limestone in matrix of varied colored shales, (no visible sands).

ARBUCKLE SECTION

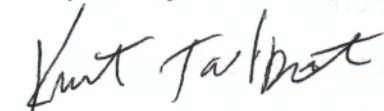
- 3855-3875' Dolomite; cream, white, finely crystalline, few medium crystalline, cherty, few with chalky luster, poor porosity, no shows.

Rotary Total Depth 3875 (-1812)

Recommendations:

The Gottschalk #1 was plugged and abandoned at the Rotary Total Depth 3875'.

Respectfully submitted;



Kurt Talbott,
Petroleum Geologist