

20-26-18W

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Rupe Oil Company Inc.
Brown "Twin" #1
1700' FNL & 2280' FEL; Section 20-26s-18w
Edwards County, Kansas
Page No. 1

Dry and Abandoned

Contractor: Val Energy Company (Rig #1)

Commenced: June 9, 2008

Completed: June 21, 2008

Elevation: 2202' K.B.; 2200' D.F.; 2192' G.L.

Casing Program: Surface; 8 5/8" @ 285'
Production; none.

Samples: Samples saved and examined to the Rotary Total Depth.

Drilling Time: One (1) foot drilling time recorded and kept 3900' to the Rotary Total Depth.

Measurements: All depths measured from the Kelly Bushing.

Drill Stem Tests: There were three (3) Drill Stem Tests ran by Trilobite Testing Co.

Electric Log: None.

Gas Detector: None.

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<u>Formation</u>	<u>Sample Depth</u>	<u>Sub-Sea Datum</u>
Heebner	3995	-1793
Toronto	4005	-1803
Douglas	4031	-1829
Brown Lime	4133	-1931
Lansing	4145	-1943
Base Kansas City	4515	-2313
Marmaton	4551	-2345
Cherokee Shale	4642	-2440
Mississippian	4694	-2492
Rotary Total Depth	4707	-2505

(All top and zone determinations were made from a correlation of
Drilling Time Log and Sample Analysis).

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

TORONTO SECTION

4015-4025' Limestone; white, finely crystalline, fossiliferous in part, poor visible porosity, questionable light brown discoloration, no show of free oil and no odor in fresh samples.

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LANSING SECTION

- 4148-4152' Limestone; gray, white, finely oolitic, sub oomoldic, chalky, no shows.
- 4180-4189' Limestone; gray/white, medium crystalline, fossiliferous in part, chalky, trace dull gray and black stain, no show of free oil or odor in fresh samples.
- 4201-4206' Limestone; gray, fossiliferous, poor visible porosity, trace brown spotty stain, trace of free oil and no odor in fresh samples.
- 4230-4236' Limestone; gray, fossiliferous, scattered porosity, plus white and gray boney chert.
- 4261-4275' Limestone; tan, buff, finely crystalline, sub oomoldic, scattered porosity, no shows.
- 4300-4310' Limestone; tan, brown, oolitic, oomoldic, fair oomoldic porosity, trace poor brown stain, no show of free oil and no odor, questionable gas bubbles in fresh samples.
- 4355-4367' Limestone; gray, light gray, oomoldic, fair to good oomoldic porosity (barren).
- 4374-4380' Limestone; as above, fossiliferous in part.
- 4391-4401' Limestone; gray, suboomoldic, scattered porosity (barren)., few oolitic, chalky, gray to black stain in oolitic limestone, no show of free oil and no odor in fresh samples.
- 4417-4426' Limestone; white and gray, chalky, no shows.
- 4450-4456' Limestone; gray and tan, oomoldic in part, trace poor light brown stain, no show of free oil and no odor in fresh samples.
- 4486-4500' Limestone; brown and dark brown, cherty (dense).

MARMATON SECTION

- 4560-4565' Limestone; tan, brown, finely crystalline, slightly cherty, poor visible porosity, no shows.
- 4578-4585' Limestone; gray, tan, finely crystalline, chalky, few cherty (dense).

FT SCOTT SECTION

- 4606-4620' Limestone; gray, chalky in part, poor porosity, no shows.

CHEROKEE SECTION

- 4646-4660' Limestone; gray, white, chalky, dense, poor visible porosity, no shows.

MISSISSIPPIAN SECTION

Chert; white, boney, few semi-tripolitic, black and gray edge staining, no show of free oil, faint yellow edge fluorescence.

Drill Stem Test #1 5678-4697'

Times: 30-30-45-60

Blow: Strong; gas to surface 8 minutes into final flow, gas gauged as follows:
Final Flow
8 minutes gas to surface
10 minutes 5,620 cfcpd
20 minutes 5,760 cfcpd
30 minutes 5,910 cfcpd
40 minutes 6.050 cfcpd

Recovery: 185' muddy water
(70% water, 30% mud)

Pressures: ISIP 1490 psi
FSIP 1490 psi
IFP 23-58 psi
FFP 64-123 psi
HSH 2387-2235 psi

4697-4701' Chert; as above, trace gray and black stain, pale yellow fluorescence and no gas bubbles in fresh samples.

Drill Stem Test #2 4678-4701'

Times: 30-30-45-60

Blow: Strong; gas to surface 27 minutes into final flow period, gas gauged as follows:
Final flow
10 minutes 5,580 cfcpd
20 minutes 5,580 cfcpd
30 minutes 5,910 cfcpd
40 minutes 6,000 cfcpd

Recovery: 55' mud
175' muddy water
(60% water, 40% mud)

Pressures: ISIP 1467 psi
FSIP 1482 psi
IFP 29-66 psi
FFP 74-124 psi
HSH 2409-2229 psi

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4701-4705' Chert; as above, trace gray, black stain.

4705-4707' Shale; green, maroon, soft to sub waxey.

Drill Stem Test #3

4678-4707'

Times: 30-30-30-45

Blow: Weak to fair (5 ½"), final flow, good (O.B..B. 4 minutes)

**Recovery: 180' gas in pipe
65' watery mud
125' muddy water
(60% water, 40% mud)**

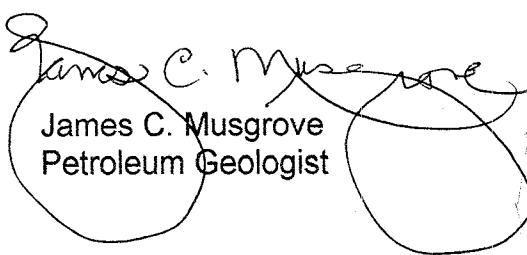
**Pressures: ISIP 1460 psi
FSIP 1470 psi
IFP 34-61 psi
FFP 75-108 psi
HSH 2358-2198 psi**

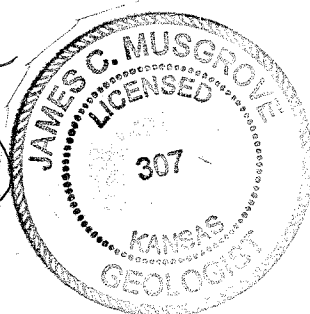
Rotary Total Depth 4707 (-2505)

Recommendations:

The Brown "Twin" #1 was plugged and abandoned at the Rotary Total Depth 4707.

Respectfully submitted;


James C. Musgrove
Petroleum Geologist



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