

JAMES C. MUSGROVE

Petroleum Geologist
P.O. Box 1162
Great Bend, KS 67530

Office (620) 792-7716

Res. Claflin (620) 587-3444

DLM Operations
Bud Anderson #1
SE-SE-SE; Section 3-13s-32w
Logan County, Kansas
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Dry and Abandoned

Contractor: Ace Drill-N Inc.
Commenced: March 8, 2006
Completed: March 20, 2006
Elevation: 3024' K.B.; 3023' D.F.; 3021' G.L.
Casing Program: Surface; 8 5/8" @ 245'
Production; none.
Samples: Samples saved and examined 3700' to the Rotary Total Depth.
Drilling Time: One (1) foot drilling time recorded and kept 3700' to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Formation Testing: There was one (1) Drill Stem Tests ran by Superior Testers Enterprises Inc.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	2525	+499
Topeka	3786	-762
Heebner	4009	-985
Toronto	4036	-1012
Lansing	4051	-1027
Stark Shale	4280	-1256
Base Kansas City	4346	-1322
Pawnee	4481	-1457
Ft. Scott	4536	-1512
Cherokee Shale	4567	-1543
Johnson Zone	4607	-1583
Rotary Total Depth	4624	-1600
Log Total Depth	4624	-1600

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

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

TOPEKA SECTION

3786-3792' Limestone; gray, cream, finely crystalline, fossiliferous, few granular, scattered intercrystalline to pinpoint type porosity, no shows.

3816-3836' Limestone; white, cream, chalky, no shows.

3846-3850' Limestone; white, gray, fossiliferous, visible porosity, no shows.

3850-3870' Limestone; as above, few fair fossil cast porosity, (barren).

3900-3916' Limestone; gray, chalky, shaley in part, no shows.

3963-3978' Limestone; gray, white, finely crystalline, few fossiliferous, poor visible porosity, no shows.

3984-3996' Limestone; gray, white, finely crystalline, fossiliferous, few granular in part, trace black spotty stain, no show of free oil or odor in fresh samples.

TORONTO SECTION

4036-4046' Limestone; gray, finely crystalline, slightly fossiliferous, poor visible porosity, trace amber, white, boney chert.

LANSING SECTION

4051-4061' Limestone; cream, white, fossiliferous, finely oolitic, poor visible porosity, chalky in part, no shows.

4061-4071' Limestone; gray, white, finely crystalline, fossiliferous in part, slightly chalky, no shows.

4084-4090' Limestone; tan, fossiliferous/oolitic, scattered porosity, chalky, no shows.

4098-4106' Limestone; cream, light gray, finely crystalline, fossiliferous, sparry calcite cement, poorly developed porosity (dense).

4111-4116' Limestone; gray, light gray, finely crystalline, fossiliferous/oolitic, scattered vuggy type porosity, few finely oomoldic, spotty brown to dark brown stain, show of free oil and faint odor in fresh samples.

4132-4138' Limestone; as above (caving???) plus chert, pink, salmon colored, boney.

4158-4172' Limestone; cream, gray, finely crystalline, few fossiliferous, chalky increasingly cherty, poorly developed porosity (barren).

4212-4220' Limestone; gray, cream, finely crystalline, few fossiliferous, questionable brown edge staining, no show of free oil or odor in fresh samples.

4243-4250' Limestone; white, gray, finely crystalline, slightly fossiliferous, cherty in part, (dense).

4262-4272' Limestone; white/cream, fossiliferous, chalky, plus chert, white, highly fossiliferous.

4292-4304' Limestone; gray, highly oolitic, fossiliferous, fair vuggy to interoolitic porosity, brown to dull gray stain, show of free oil and fair odor in fresh samples.

4321-4340' Limestone; gray, white, fossiliferous/oolitic, chalky, poor visible porosity.

PAWNEE SECTION

4480-4490' Limestone; white, cream, finely crystalline, few fossiliferous, spotty brown stain, plus chert, gray, bluish gray, opaque.

4490-4500' Chert; as above, plus limestone, tan, finely chalky in part (dense).

4520-4532' Limestone; brown, fine to medium crystalline, chalky, no shows.

FT SCOTT SECTION

4536-4598' Limestone; gray, highly oolitic, chalky, poor visible porosity, no shows.

4551-4560' Limestone; brown/buff, highly oolitic, chalky in pat, fair porosity, questionable stain, no show of free oil or odor in fresh samples.

CHEROKEE SECTION

4580-4586' Limestone; gray, white, fine to medium crystalline, chalky, trace poor spotty stain, no show of free oil or odor in fresh samples, fair yellow fluorescence.

JOHNSON ZONE SECTION

4607-4617' Limestone; gray, tan, finely crystalline, chalky in part, scattered intercrystalline to finely vuggy type porosity, sparry calcite cement in some porosity, brown to dark brown stain and saturation, show of free oil and faint odor, friable fluorescence, good streaming cut.

Drill Stem Test #1

4582-4624'

Times: 30-30-30-45

Blow: Very weak

Recovery: 5' mud (no shows)

Pressures:	ISIP	62	psi
	FSIP	78	psi
	IFP	81-58	psi
	FFP	61-60	psi
	HSH	2283-2221	psi

Rotary Total Depth 4624 (-1600)

Log Total Depth 4624 (-1600)

Recommendations:

On the basis of the low structural position and negative Drill Stem Test and there being no other zones worthy of any further testing, it was recommended by all parties involved that the Bud Anderson #1 be plugged and abandoned at the Rotary Total Depth 4624 (-1600).

Respectfully submitted;

James C. Musgrove
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Petroleum Geologist

