

15-051-25349

27-12-17W

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STAAB OIL COMPANY
1607 Hopewell Road
Hays, Kansas 67601

GEOLOGICAL REPORT

Windholz No. 1
425' FSL & 800' FEL
27-12s-17w
Ellis County, Kansas

November 2, 2004

Staab Oil Company
1607 Hopewell Road
Hays, Kansas 67601

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GEOLOGICAL REPORT:

Windholz No. 1
425' FSL & 800' FSL
27-12s-17w
Ellis County, Kansas

CONTRACTOR:

Murfin Drilling Co. Rig 24
Wichita, Kansas

DRILLING COMMENCED:

October 27, 2004

DRILLING COMPLETED:

October 31, 2004

CASING RECORD:

8 5/8 set at 225' with 160 sxs.
No production casing

DRILLING TIME:

By Geologist.
1 foot intervals plotted and
recorded from 2900' to 3638'
R.T.D.

SAMPLES:

10 foot intervals saved and examined
from 3000' to 3638' R.T.D.

DRILL STEM TESTS:

No drill stem tests were run on the
Windholz No. 1.

LOGS:

No logs were run on the Windholz
No. 1.

MUD:

Chemical Mud
Mud Co.
Colby, Kansas

ELEVATION:

Kelly Bushing 2088'
Ground Level 2083'
Measurements from K.B.

FORMATION TOPS

<u>FORMATION</u>	<u>DEPTH</u>	<u>MINUS DATUM</u>
*Anhydrite	1279	+809
*Base-Anhydrite	1316	+772
Topeka	3063	-975
Heebner	3304	-1216
Toronto	3330	-1242
Lansing-Kansas City	3354	-1266
Base-Kansas City	3591	-1503
Conglomerate	3606	-1518
Rotary Total Depth	3638	-1550
<hr/>		
*Drillers Tops		

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Lithology: Zones of Interest

Topeka 3063 (-975)

3063-66

LS; White, fine crystalline and fossiliferous. Trace of poor crystalline porosity with no show.

3097-3101

LS; White, fair crystalline porosity with no show.

3270-75

Plattsmouth

LS; White, chalky crystalline porosity, some slight pin point porosity with no show.

Heebner 3304 (-1216)

Toronto 3330 (-1242)

3330-32

LS; White, poor crystalline porosity with light spotty stain. No free oil or odor.

Lansing-Kansas City 3354 (-1266)

3356-58

A Zone

LS; Buff, fine crystalline and dense. Trace of chalky porosity with no show.

Lithology: Page 2

3383-86 B Zone	LS;	White, crystalline to slightly oolitic and chalky. Poor porosity with a trace of spotty stain. No free oil or odor.
3394-3400 C Zone	LS;	White, trace of poor fossil porosity with rare spotty stain. No free oil or odor.
3425-28 F Zone	LS;	White, crystalline to fossil porosity with a trace of stain. No free oil or odor.
3448-52 G Zone	LS;	White, crystalline and oolitic, slightly chalky. No free oil or odor.
3482-88 H Zone	LS;	White to light gray, trace of crystalline porosity with no show. Cherty.
3508-11 I Zone	LS;	Buff, crystalline, slightly fossiliferous and oolitic with trace of stain. No free oil or odor.
3522-26 J Zone	LS;	Buff to white, chalky crystalline porosity with no shows.
3550-52 K Zone	LS;	Buff, fine crystalline and dense. Trace of poor crystalline porosity with a trace of rare spotty stain. No free oil or odor.
3564-66 L Zone	LS;	Buff, fine crystalline and dense.

Base-Kansas City 3591 (-1497)

Conglomerate 3606
3606-38

Congl; Weathered white lime with soft red and gray shales. Weathered and vitreous chert. No shows.

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REMARKS

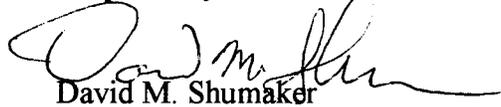
The Staab Oil Windholz No. 1 ran 12 feet low to the Clinton Oil Schmeidler "D" No. 2 (NW-NE-NE, 34-12s-17w- Ellis County, Kansas) when comparing the Lansing tops. Minor shows were noted through the Lansing-Kansas City, no drill stem tests were taken.

The Windholz No. 1 was drilled to a depth of 3638 (-1550) at which depth no Arbuckle was found. This is 20 feet below the Schmeidler "D" No. 2 Arbuckle that did not produce. The Conglomerate did not contain any shows of oil.

With relatively poor structural position and the lack of the high Arbuckle datum, it was recommended that the Windholz No. 1 be plugged and completed as a dry hole.

DMS/das

Respectfully Submitted,



David M. Shumaker
Petroleum Geologist

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