

CIMARRON DRILLERS, INC.

Geologist - Petroleum - Geophysicist

P. O. Box 854

GREAT BEND, KANSAS 67530

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Pi

June 26, 1984

8-9-26w

Staab Oil Co.
HC 39 - Box 114
Hays, Kansas 67601

Re: Staab Oil Co.
Minium No. 1
SW SW SW
Sec 8-9s-26w
Sheridan County, Kansas

Gentlemen:

The following is the geological report for the above captioned well:

CONTRACTOR:	Helberg Oil Co..
DATE COMMENCED:	June 13, 1984
DATE COMPLETED:	June 20, 1984
ROTARY TOTAL DEPTH:	4055' KB.
SURFACE CASING:	8 5/8 @ 261'
ELEVATIONS:	2684' KB., 2681' DF., 2679' KB.
DEPTH MEASURED FROM:	2684' KB.
DRILLING TIME PLOTTED:	3600' to 4055' RTD
SAMPLES EXAMINED:	3700' to 4055' RTD
DST. (Crude):	2 - Lansing
LOG: Mercury	Radiation Guard
COMPLETION:	Plugged and Abandoned.

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Wichita, Kansas

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8-7-2600

Staab Oil Co., Minium No. 1

FORMATION DATA

<u>FORMATION</u>	<u>DEPTH (Log)</u>	<u>SUBSEA</u>
Anhydrite	2274'	410'
Base	2307'	377'
Topeka	3580'	-986'
Heebner	3792'	-1108'
Toronto	3815'	-1131'
Lansing	3834'	-1150'
Base Kansas City	4048'	-1364'
RTD	4055'	-1371'

STRUCTURAL POSITION IN RELATION TO NEARBY TESTS

<u>FORMATION</u>	<u>Staab Minium #1 SW SW SW-8</u>	<u>R-W Minium A-1 NE NE SW-8</u>	<u>Burch Transue #1 NE NE NE-18</u>
Anhydrite	410'	413'	412'
Topeka	-896'	-986'	-
Heebner	-1108'	-1107'	-1106'
Toronto	-1131'	-1135'	-1127'
Lansing	-1150'	-1149'	-1145'
Base Kansas City	-1364'	-1365'	-1367'
RTD	-1371'	-1389'	-1383'

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8-9-26w

ZONES OF INTEREST

<u>FORMATION</u>	<u>DEPTH</u>	<u>DESCRIPTION</u>
Toronto	3815' to 3820'	Limestone, white, finely oolitic poor oolitic porosity, slight show heavy dead oil, scattered stain. Judged no value. Log: 11% porosity, 27% SW.
Lansing "A"	3834' to 3838'	Limestone, gray, fossiliferous, dense, poorly developed fossiliferous porosity. No show. Log: 6% porosity.
"B"	3858' to 3866'	Limestone, tan, cream, fossiliferous, oolitic, trace fossiliferous porosity, trace dead oil stain. Judged no value. Log: 11% porosity, 39% SW.
"F"	3902' to 3908'	Limestone, white, clear, translucent, crystalline, crystalline porosity. No show, Odor or taste. Log: 15% porosity, 33% SW.
"H"	3963' to 3966'	Limestone, gray, buff, fossiliferous, and dense. Trace fossiliferous porosity, slight show free oil in poor porosity. Scattered stain. Log: dense.
"I"	3980' to 3987'	Limestone, tan, brown, oolitic dense, no visable porosity. No show. Log: 12-15% porosity, wet.
"J"	3997' to 4006'	Limestone, white, dense, chalky. No show. Log: dense.
"K"	4016' to 4028'	No samples. Log: 8-12% porosity 26-41% SW.
"L"	4038' to 4043'	Limestone - no samples. Log: 10% porosity, wet.
DST #1	3937' to 3963'	Weak blow (died) Rec: 10' mud IHP. 2123# IFP. 66-66# (30) ISIP. 99# (30) FFP. 77-77# (10) FHP. 2101#

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ZONES OF INTEREST (cont)

<u>FORMATION</u>	<u>DEPTH</u>	<u>DESCRIPTION</u>
DST #2	3983' to 4023'	Weak blow (1 1/2") Rec. 70' SOCM 60' HOCM IHP. 2123# IFP. 66-66# (30) ISIP. 548# (30) FFP. 99-99# (60) FSIP. 1078# (60) FHP. 2101#

SUMMARY

The subject well was under geological supervision from 3600 feet to 3963 feet. Operator supervision from 3963 feet to 4055 feet.

Sample quality was very poor to sometimes non-existent. Correlation of drilling time to the Electric log was very poor, not only to nearby test but also the subject well.

Two Drillstem tests were taken covering the "H", "J", and "K" zones with negative results.

The well ran almost flat with Magnolia's Transue #1, SE SE SW Sec. 8-9s-26w. Magnolia perforated and treated this well with negative results; therefore, this well was plugged and abandoned on the basis of it's low structural position and the results of the drillstem tests.

Respectfully submitted,



Cimarron Drillers, Inc.
L.O. Chubb, Geologist

LOC/nlg

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