

19-7-22W

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GEOLOGICAL REPORT

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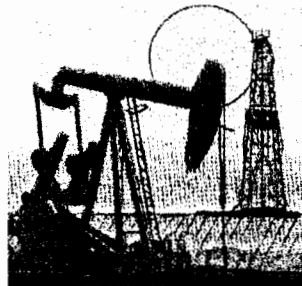
KCC WICHITA

for

KCC

JAN 07 2004

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A & A Production, Co.

No. 1 Davis
2310' FSL & 660' FEL
Section 19-7S-22W
Graham County, Kansas



Todd E. Morgenstern

Petroleum Geologist
Sunflower Bank Building
P.O. Box 251
Ellinwood, Kansas 67526

OPERATOR: A & A Production, Co.

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WELL: No. 1 Davis
API # 15-065-22954-00-00

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LOCATION: 2310' FSL & 660' FEL
Section 19-7S-22W
Graham County, Kansas

FIELD: Fabricus

CONTRACTOR: A & A Production, Co., Rig No.1

DRILLING COMMENCED: 12-16-2003

DRILLING COMPLETED: 12-23-2003

DRILLING TIME: One (1) foot drilling time was recorded
from 3100' to 3900' RTD.

SAMPLES: Samples were saved and examined from 3100'
to 3900' RTD.

ELEVATIONS: 2271' Ground Level 2276' Kelly Bushing

MEASUREMENTS: All depths are measured from 2276' K.B.

CASING RECORD: 8 5/8" Surface Casing set @ 218' with 150 sxs. 60/40 poz

FORMATION TESTING: Three (3) tests were run by Arrow Testing Company
Don Fabricius, Tester

MUD: Andy's Mud & Chemical (Chemical Mud)
Andy Werth, Engineer

OPEN HOLE LOGS: No Open Hole Logs were run.

PRODUCTION: D & A

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FORMATION TOPS:

FORMATION	SAMPLE	DATUM
ANHYDRITE	1882'-----	+ 394'
BASE ANHYDRITE	1965'-----	+ 361'
TOPEKA	3285'-----	-1009'
HEEBNER	3488'-----	-1212'
TORONTO	3514'-----	-1238'
LANSING	3530'-----	-1254'
BASE KANSAS CITY	3729'-----	-1453'
ROTARY TOTAL DEPTH	3900'-----	-1624'

SAMPLE DESCRIPTIONS AND TEST DATA:

TOPEKA:

3311-3319 Limestone, cream and gray, finely crystalline, chalky, poor visible porosity, no shows of oil were noted.

3447-3454 Limestone, cream and tan, fine to medium crystalline, very chalky, with poor visible intercrystalline porosity, no shows of oil were noted.

TORONTO:

3514-3525 Limestone, white, cream and tan, finely crystalline, chalky, fair visible intercrystalline and pinpoint porosity, trace of fractured staining, abundant white chert, very slight show of free oil on break, no odor. (Covered by D.S.T. No. 1)

FORMATION TEST NO. 1

Toronto

Tested from 3479'-3526'

<i>B.O.B. in 5 min.</i>	45 min.	I.H.P.	1727#
<i>No blow-back</i>	45 min.	I.F.P.	35# -280#
<i>B.O.B. in 5 min.</i>	45 min.	<u>I.S.I.P.</u>	<u>1209#</u>
<i>No blow-back</i>	45 min.	F.F.P.	365# -589#
		<u>F.S.I.P.</u>	<u>1209#</u>
		F.H.P.	<u>1727#</u>

RECOVERY: 1300' Water

TEMPERATURE: N/A

CHLORIDES: N/A p.p.m. (Recovery), 3,000 p.p.m. (System)

- 3558-3564 Limestone, tan and gray, finely crystalline, slightly fossiliferous, chalky, no shows of oil, no odor.
- 3580-3590 Limestone, white and gray, very dense, chalky, white opaque chert, poor visible porosity, no shows of oil were noted.
- 3594-3598 Limestone, white, dense, chalky, very finely crystalline, no shows of oil were noted.
- 3605-3613 Limestone, white and gray, very finely crystalline, dense, slightly oolitic, trace of pinhole porosity, minor scattered dead staining, no show of free oil, no odor.
- 3658-3664 Limestone, cream and tan, dense, finely crystalline, chalky, oolitic in part, poor visible porosity, no shows of oil were noted.
- 3677-3682 Limestone, cream and white, dense, finely crystalline, chalky, poor visible porosity, no shows of oil were noted.
- 3693-3700 Limestone, cream, white and tan, finely crystalline, slightly fossiliferous, with scattered intercrystalline and interfossiliferous porosity, chalky, poor to fair scattered staining, very slight show of free oil on break, no odor. (Covered by D.S.T. No. 2)

FORMATION TEST NO. 2

Lansing-Kansas City
Tested from 3434'-3700'

<i>Very weak blow dead in 18 min.</i>	30 min.	I.H.P.	1877#
<i>No blow-back</i>	30 min.	I.F.P.	23# -23#
<i>No blow</i>	30 min.	<u>I.S.I.P.</u>	<u>23#</u>
<i>No blow-back</i>	30 min.	F.F.P.	23# -23#
		<u>F.S.I.P.</u>	<u>47#</u>
		F.H.P.	1877#

RECOVERY: 5' Mud w/ trace of free oil on top.

TEMPERATURE: N/A

CHLORIDES: N/A p.p.m. (Recovery), 3,000 p.p.m. (System)

- 3710-3716 Limestone, white and tan, dense, finely crystalline, very chalky, poor visible porosity, no shows of oil were noted.

MARMATON:

- 3773-3779 Limestone, white and tan, very finely crystalline, oolitic and slightly fossiliferous, fair scattered staining, very chalky, poor visible pinhole porosity, no show of free oil, no odor. (Covered by D.S.T. No. 3)

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FORMATION TEST NO. 3

Marmaton

Tested from 3723'-3803'

Very weak blow, dead in 23 min.

30 min.

I.H.P.

1923#

No blow-back

30 min.

I.F.P.

35# -35#

No blow

15 min.

I.S.I.P.1036#*No blow-back*

15 min.

F.F.P.

35# -35#

F.S.I.P.837#

F.H.P.

1923#

RECOVERY: 15' Mud

TEMPERATURE: N/A

CHLORIDES: N/A p.p.m. (Recovery), 3,500 p.p.m. (System)

3578-3586

Limestone, white and gray, dense, chalky, slightly oolitic and fossiliferous, rare spotted staining, poor visible porosity.

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STRUCTURAL COMPARISON:

A&A ProductionNo. 1 Davis
2310' fsl, 660' fel
Sec. 19-8S-22W
D&A**Woodman-lannitti**No. 1 Quint
SE-SE-NE
Sec. 19-8S-22W
D & A


ANHYDRITE	+ 382'
TOPEKA	-1000'
HEEBNER SHALE	-1215'
TORONTO	-1241'
LANSING	-1255'
BASE K.C.	-1466'

+ 373'
N/A
-1208'
-1236'
-1249'
-1447'

SUMMARY:

The No.1 Davis was under geological supervision from 3100' to 3900' RTD'. With the lower structural position and negative results of three drill stem tests, it was decided that the No.1 Davis should be plugged and abandoned.

Respectfully submitted,



Todd E. Morgenstern