15-065-22942 W2SW NE NE
950 FSL 1270 FEL

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GEOLOGICAL REPORT

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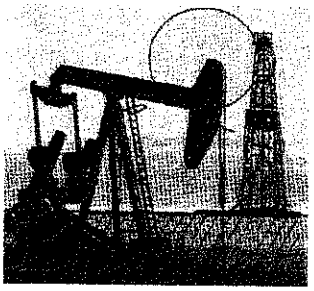

A & A Production, Co.

Eldon Ambrosier

No. 1 Ambrosier
950' FNL & 1270' FEL
Section 19-8S-22W
Graham County, Kansas

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

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OPERATOR:	A & A Production, Co. (Eldon Ambrosier)
WELL:	No. 1 Ambrosier API # 15-065-22942-00-00
LOCATION:	950' FNL & 1270' FEL Section 19-8S-22W Graham County, Kansas
FIELD:	Hill City East (Ext.)
CONTRACTOR:	A & A Production, Co., Rig No.1
DRILLING COMMENCED:	11-17-2003
DRILLING COMPLETED:	11-23-2003
DRILLING TIME:	One (1) foot drilling time was recorded from 3050' to 3640' RTD.
SAMPLES:	Samples were saved and examined from 3050' to 3640' RTD.
ELEVATIONS:	2129' Ground Level 2134' Kelly Bushing
MEASUREMENTS:	All depths are measured from **2134' K.B.**
CASING RECORD:	8 5/8" Surface Casing set @ 218' with 218 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:	Log Tech (CNL/CDL, DIL, Sonic) Butch Dryle, Engineer
PRODUCTION:	D & A

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FORMATION TOPS:

FORMATION	SAMPLE	LOG	DATUM
ANHYDRITE	1752'	**1752'**	**+ 382'**
BASE ANHYDRITE	1781'	**1784'**	**+ 350'**
TOPEKA	3134'	**3134'**	**-1000'**
HEEBNER	3349'	**3349'**	**-1215'**
TORONTO	3370'	**3375'**	**-1241'**
LANSING	3385'	**3389'**	**-1255'**
BASE KANSAS CITY	3601'	**3600'**	**-1466'**
LOG TOTAL DEPTH	*****	**3640'**	**-1506'**
ROTARY TOTAL DEPTH	3640'	*****	**-1506'**

SAMPLE DESCRIPTIONS AND TEST DATA:

TOPEKA:

3154-3162 Limestone, white and gray, finely crystalline, chalky, slightly oolitic and microfossiliferous, no shows of oil were noted.

3300-3306 Limestone, tan and gray, finely crystalline, oolitic, good visible intercrystalline and interoolitic porosity, chalky in part, no shows of oil were noted.

TORONTO:

3376-3383 Limestone, buff and gray, finely crystalline, mostly dense, slightly chalky, poor visible intercrystalline porosity, no shows of oil were noted.

LANSING-KANSAS CITY:

3389-3398 Limestone, white and cream, finely crystalline, dense, oolitic in part, white chert, slightly chalky, no shows of oil were noted.

3420-3428 Limestone, cream and tan, finely crystalline, white chert, oolitic, poor to fair interoolitic porosity, very slight show of free oil on break, scattered spotted staining, questionable light odor. (Covered by D.S.T. No. 1)

FORMATION TEST NO. 1

Lansing-Kansas City
Tested from 3405'-3430'

		I.H.P.	1704#
Weak blow	30 min.	I.F.P.	35# -35#
No blow-back	30 min.	I.S.I.P.	1151#
Weak blow	30 min.	F.F.P.	58# -58#
No blow-back	30 min.	F.S.I.P.	1151#
		F.H.P.	1704#

RECOVERY: 35' Mud

TEMPERATURE: N/A

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

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3437-3441 Limestone, tan and buff, with abundant tan chert, very finely crystalline, mostly dense, fossiliferous, slightly chalky, poor visible porosity, trace of dead staining, no show of free oil, no odor. (Covered by D.S.T. No. 2)

3470-3474 Limestone, white and cream, very finely crystalline, dense, slightly cherty, fossiliferous in part, poor to fair visible intercrystalline porosity, very slight show of free oil on break, rare spotted staining, no odor. (Covered by D.S.T. No. 2)

FORMATION TEST NO. 2
Lansing-Kansas City
Tested from 3436'-3474'

		I.H.P.	1692#
Very weak blow	30 min.	I.F.P.	11# -11#
No blow-back	30 min.	I.S.I.P.	1036#
No blow	30 min.	F.F.P.	23# -23#
No blow-back	30 min.	F.S.I.P.	1036#
		F.H.P.	1692#

RECOVERY: 20' Mud

TEMPERATURE: N/A

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

3525-3534 Limestone, white and cream, dense to finely crystalline, slightly fossiliferous and chalky, poor visible intercrystalline porosity, no shows of oil were noted. (Covered by D.S.T. No. 3)

3544-3552 Limestone, tan and buff, mostly dense, very finely crystalline, very cherty, slightly chalky, poor visible porosity, a few pieces having traces of staining, no show of free oil, no odor. (Covered by D.S.T. No. 3)

3560-3569 Limestone, white and cream, very finely crystalline, mostly dense, chalky, fossiliferous and oolitic in part, poor visible porosity, rare spotted staining, no show of free oil, no odor. (Covered by D.S.T. No. 3)

FORMATION TEST NO. 3
Lansing-Kansas City
Tested from 3500'-3570'

		I.H.P.	1750#
Very weak blow, dead in 9 min.	30 min.	I.F.P.	23# -23#
No blow-back	30 min.	I.S.I.P.	23#
No blow	30 min.	F.F.P.	23# -23#
No blow-back	30 min.	F.S.I.P.	23#
		F.H.P.	1750#

RECOVERY: 5' Mud

TEMPERATURE: N/A

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

	A&A Production **No. 1 Ambrosier** **950' fnl, 1270' fel** **Sec. 19-8S-22W** **D&A**	Woodman-Iannitti No. 1 Quint SE-SE-NE Sec. 19-8S-22W D & A
ANHYDRITE	**+ 382'**	+ 373'
TOPEKA	**-1000'**	N/A
HEEBNER SHALE	**-1215'**	-1222'
TORONTO	**-1241'**	-1248'
LANSING	**-1255'**	-1262'
BASE K.C.	**-1466'**	-1473'

SUMMARY:

The No.1 Ambrosier was under geological supervision from 3100' to 3640 RTD'. With the negative results of three drill stem tests and after reviewing the open hole logs, it was decided that the No.1 Ambrosier should be plugged and abandoned.

Respectfully submitted,

Todd E. Morgenstern

John Roy Evans Oil Co LLC
15-053-21220
#4 Peterman
A

DST#1 3214-3300
20-20-20-30

Initial hydrostatic pressure	1674
Initial flow pressure	221
Final initial flow pressure	669
Initial shut-in pressure	1133
Initial final flow pressure	814
Final flow pressure	936
Final shut-in pressure	1138
Final hydrostatic pressure	1629
Max temperature	114

Recovered

60' very slightly oil spotted mud	1% oil, 99% mud
60' very slightly oil spot muddy water	1% oil, 60% mud, 39% water
240' very slightly oil spot muddy water	1% oil, 47% mud, 52% water
1500' very slightly oil spot water	1% oil, 5% mud, 94% water