

# GEOLOGICAL REPORT

Dan A. Nixon, Petroleum Geologist - Licensed & Certified

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Well Name: #3 Lawrence

KCC

Location: SW NE SE  
Section 25, T18S-R12W  
Barton County, Kansas

FEB 19 2003

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Operator: R.P. Nixon Oper., Inc.  
207 West 12th Street  
Hays, KS 67601-3898

**RELEASED**

MAR 15 2004

Contractor: Shields Drilling Company  
P.O. Box 709  
Russell, Kansas 67665

FROM CONFIDENTIAL

Elevation: Central Kansas Surveying and Mapping  
2344 Washington  
Great Bend, Kansas 67530  
Rotary Bushing: 1809'  
Ground Level: 1804'

Samples: Ten foot samples from 2700'  
to 2980' and five foot samples  
from 2980' to 3404' RTD.

Time Log: One foot intervals from 2700'  
to 3404' RTD. A copy of the  
time log is included in this report.

Surface Casing: 8 5/8" @ 282' w/215 sx. of 60/40 Pozmix

Production Casing: D & A

Port Collar or DV Tool: D & A

Spud Date: 2.4.03

Completion Date: 2.10.03

API #: 15-009-247470000

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FORMATION TOPS:

SAMPLE  
DEPTH

MINUS  
DATUM

Anhydrite (driller's)	KCC	674'	+1135
Anhydrite Base (driller's)	FEB 19 2003	693'	+1116
Topeka		2728'	-919
Heebner Shale	CONFIDENTIAL	2993'	-1184
Toronto Lime		3014'	-1205
Douglas Shale		3024'	-1216
Iatan (Brown) Lime		3102'	-1293
Lansing	RELEASED	3118'	-1309
Base of the Kansas City	MAR 15 2004	3342'	-1533
Arbuckle Dolomite		3400'	-1591
Total Depth	FROM CONFIDENTIAL	3404'	-1595

SAMPLE ANALYSIS OF ZONES OF INTEREST:

Lansing	3145'-51'	Fine crystalline, white, grey limestone, tight with a trace of rare spotty stain. Trace of dead oil stain. No show of free oil or odor in the wet samples. Not worthy of testing.
	3197'-3214'	Buff, oolitic limestone with good to excellent oolitic porosity. Barren, with no shows of free oil or odor in the wet samples. Not worthy of testing.
	3280'-82'	Fossiliferous, oolitic, white limestone, barren to a trace of rare spotty stain. Fair inter-oolitic porosity with no shows of free oil or odor in the wet samples. Not worthy of testing.
Arbuckle Dolomite	3400'-04'	Fine crystalline, sucrosic, buff, tan dolomite, tight inter-crystalline porosity. Barren to a rare spotty stain. Very slight show of free oil and a very faint odor in the wet samples. Not worthy of testing.

REMARKS:

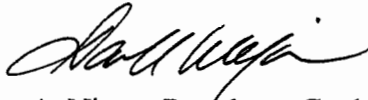
Structurally, the Lansing top on the #3 Lawrence ran 19' low to the #1 Lawrence (R.P. Nixon Oper., Inc.), the Lansing and Arbuckle producer to the east one location, and 18' low to the #1 Klein (Curt's Oil Oper.), the Lansing and Arbuckle producer to the north 660' and east 440'. The Arbuckle top on the #3 Lawrence ran 24' low to the same #1 Lawrence producer and 18' low to the same #1 Klein producer.

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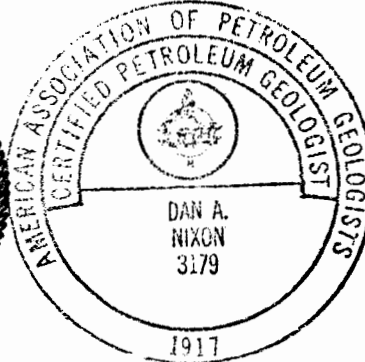
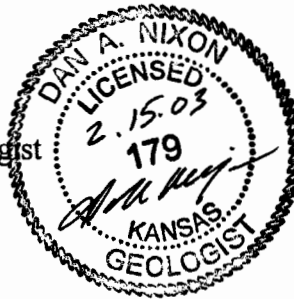
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Based on it's low structural position to surrounding production, in addition to the lack of sufficient shows throughout the Lansing/Kansas City and Arbuckle formations to warrant any testing, the #3 Lawrence was plugged and abandoned.

Respectfully Submitted,



Dan A. Nixon, Petroleum Geologist  
Kansas License #179  
AAPG Certification #3179



**RELEASED**

MAR 15 2004

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DRILLING TIME LOG

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MAR 15 2004

FROM CONFIDENTIAL

2700'-2725'	3-3-3-2-2	3-3-2-3-2	3-3-2-3-2	3-3-2-2-3	3-1-1-1-1
2725'-2750'	2-2-1-3-3	3-3-3-4-2	3-4-4-3-3	2-3-3-2-3	2-4-4-3-2
2750'-2775'	2-4-3-4-4	4-3-3-4-3	3-4-2-3-2	2-3-2-2-2	1-1-2-2-2
2775'-2800'	3-3-3-4-3	3-3-2-3-4	3-3-3-4-3	2-3-3-3-3	3-3-4-4-3
2800'-2825'	3-5-3-3-4	3-3-3-2-2	3-3-2-2-3	2-3-3-3-3	2-3-3-5-3
2825'-2850'	3-3-2-3-1	1-2-3-3-5	4-4-4-3-3	3-2-2-2-2	2-2-2-1-1
2850'-2875'	3-3-3-1-1	2-2-2-2-1	2-2-3-2-3	2-3-3-3-3	3-3-3-3-3
2875'-2900'	4-3-5-3-3	3-4-3-3-4	4-3-5-4-4	5-4-4-4-3	4-2-3-4-4
2900'-2925'	3-4-3-2-2	2-3-3-3-3	2-2-3-2-3	3-3-4-3-3	3-3-3-3-4
2925'-2950'	4-4-3-3-5	3-3-3-1-1	1-2-2-2-1	1-1-2-3-3	3-5-4-5-6
2950'-2975'	3-3-4-4-3	3-3-4-3-4	3-3-4-3-3	4-3-4-3-3	4-4-3-3-2
2975'-3000'	3-2-3-2-2	2-3-2-3-3	4-3- - -3	4-4-4-2-3	3-4-4-4-4 clock stopped at 2988'
3000'-3025'	4-5-5-3-4	3-3-3-3-3	3-4-3-3-4	4-4-3-4-4	4-4-4-4-3
3025'-3050'	2-2-2-2-2	2-2-2-2-2	2-2-2-2-2	2-2-2-1-2	1-2-2-1-1
3050'-3075'	2-2-2-2-1	1-2-1-1-2	2-1-1-1-1	2-2-1-2-2	1-2-2-1-2
3075'-3100'	1-1-1-2-2	1-2-2-1-2	2-1-2-1-2	2-1-2-2-1	1-2-1-2-3
3100'-3125'	3-3-4-4-3	4-4-4-3-3	3-3-3-2-3	3-3-3-4-3	4-3-3-3-3
3125'-3150'	3-3-4-3-4	4-4-3-5-4	4-3-4-4-4	4-4-4-4-3	5-5-5-4-4
3150'-3175'	5-3-4-4-3	4-4-4-3-5	4-3-3-3-3	5-5-4-5-3	5-5-4-5-3
3175'-3200'	4-6-4-4-4	4-3-5-4-4	4-5-4-4-5	5-4-4-5-5	3-3-2-2-1
3200'-3225'	1-1-1-2-2	1-1-2-1-2	2-2-1-1-2	3-3-3-3-3	2-2-3-3-3
3225'-3250'	5-5-5-5-5	5-5-5-5-4	5-5-6-5-5	5-5-5-3-6	5-4-4-4-3
3250'-3275'	5-5-3-5-2	5-5-6-5-5	5-6-6-4-5	6-4-5-5-5	4-6-5-5-5
3275'-3300'	6-5-5-4-4	1-1-2-5-4	4-5-5-5-5	5-5-5-6-6	6-6-5-5-6
3300'-3325'	5-6-5-5-4	6-4-4-5-4	5-4-3-4-3	3-4-3-5-5	4-5-5-5-4
3325'-3350'	5-3-4-4-5	4-4-5-5-5	4-5-5-3-4	5-6-5-5-5	5-5-5-6-5
3350'-3375'	6-6-6-5-4	5-6-4-4-5	4-5-4-4-4	5-5-5-5-3	4-4-4-3-2
3375'-3400'	2-2-2-2-3	2-3-3-2-3	2-3-3-3-4	3-3-2-3-2	3-3-4-4-4
3400'-3404'	3-2-3-2	Drilled slightly rough @ 3400'			

CFS @ 3380' - 30"    CFS @ 3390' - 60"  
 CFS @ 3404' - 60"    3404' RTD