GEOLOGICAL REPORT

Dan A. Nixon, Petroleum Geologist - Licensed & Certified

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Well Name:	#3 Lawrence
Location:	SW NE SE Section 25, T18S-R12W Barton County, Kansas
Operator:	R.P. Nixon Oper., Inc. 207 West 12th Street Hays, KS 67601-3898
Contractor:	Shields Drilling Company P.O. Box 709 Russell, Kansas 67665
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)	674'	+1135
Anhydrite Base (driller's)	693'	+1116
Topeka	2728'	-919
Heebner Shale	2993'	-1184
Toronto Lime	3014'	-1205
Douglas Shale	3024'	-1216
Iatan (Brown) Lime	3102'	-1293
Lansing	3118'	-1309
Base of the Kansas City	3342'	-1533
Arbuckle Dolomite	3400'	-1591
Total Depth	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, oolicastic limestone with good to excellent oolicastic 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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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
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AAPG Certification #3179

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AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS CERTIFIED PETROLEUM GEOLOGIST DAN A. NIXON 3179 1917

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#3 Lawrence SW NE SE of Section 25, T18S-R12W Barton County, Kansas

CONFIDENTIAL *DRILLING TIME LOG*

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