

GEOLOGICAL REPORT*Dan A. Nixon, Petroleum Geologist - Licensed & Certified*

Well Name: #6 Keough

Location: C N/2 SW SE
Section 15, T16S-R20W
Rush County, Kansas

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

Contractor: Southwind Drilling, Inc.
112 North Main
Ellinwood, KS 67526

Elevation: Central Kansas Surveying and Mapping
2344 Washington
Great Bend, Kansas 67530
Rotary Bushing: 2185'
Ground Level: 2175'

Samples: Ten foot samples from 3200'
to 3490' and five foot samples
from 3490' to 3965' RTD.

Time Log: One foot intervals from 3200'
to 3965' RTD. A copy of the
time log is included in this report.

Surface Casing: 8 5/8" @ 213' w/165 sacks

Production Casing: None - D & A

Port Collar or DV Tool: None - D & A
Spud Date: 6.30.06
Completion Date: 7.5.06

API #: 15-165-21794-00-00

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FORMATION TOPS:	SAMPLE DEPTH	LOG DEPTH	MINUS DATUM
Anhydrite (driller's)	1424'	not logged	+761
Anhydrite Base (driller's)	1460'		+725
Topeka	3216'		-1031
Heebner Shale	3504'		-1319
Toronto Lime	3530'		-1345
Lansing	3550'		-1365
Base of the Kansas City	3812'		-1627
Pawnee	3876'		-1691
Cherokee Shale	3928'		-1743
Cherty Conglomerate	3938'		-1753
Total Depth	3965'		-1780

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SAMPLE ANALYSIS OF ZONES OF INTEREST:

Lansing	3559'-62'	Fossiliferous, buff, white, fine crystalline limestone, occasionally oolitic. Poor to fair oolitic and inter-fossil porosity with rare spotty stain. Very slight show of free oil and no odor in the wet samples. Not worthy of testing.
	3584'-88'	Oolitic, white limestone, poor inter-oolite porosity and rare spotty stain. Wet samples had a very slight show of free oil, no odor. Not worthy of testing.
	3600'-05'	Tight, fossiliferous, white limestone, poor fossil porosity, rare spotty stain. One piece of saturated stain. Slight show of free oil and very faint odor in the wet samples. Not worthy of testing.
	3633'-39'	Barren, oolitic, white, buff limestone, tight with a trace of rare spotty stain. Very slight show of free oil, no odor in the wet samples. Not worthy of testing.
	3648'-3655'	Oolitic, white limestone, barren with good oolitic porosity. Trace of show and odor in the wet samples. Not worthy of testing.
	3748'-54'	Light grey, barren, white, oolitic limestone. Good oolitic porosity with no free oil or odor in the wete samples. Not worthy of testing.
Cherokee Shale	3928'-38'	Grey, black, green, maroon shale with occasional shaley, very fine grained, well sorted sand, barren and tight with trace of dead oil stain. Wet samples had dead oil with no odor.

Cherty Conglomerate 3938'-65' White, brown, orange, blocky, opaque chert. Variuos colored shales and a trace of waxy, green shale with fine grained sand inclusions with no shows.

REMARKS:

Structurally, the Lansing top on the #6 Keough ran 1' low to the abandoned Arbuckle producer one location to the west, the #6 Keough B (Pickrell Drlg.), and 2' high to the abandoned Arbuckle producer 330' west and 660' north, the #5 Keough B (Pickrell Drlg.)

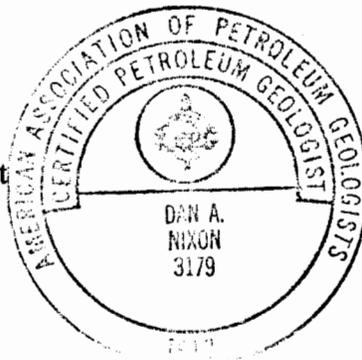
The Arbuckle top minus datum on the same #6 Keough B was -1738 and the same #5 Keough B was -1742. The #6 Keough was drilled to a minus datum of -1780, still in Cherty Conglomerate.

Based on the fact that Arbuckle was not encountered at a -1780, well below the Arbuckle minus datum of nearby wells, shows throughout the Lansing/Kansas City were not worthy of testing, and the Cherokee Sand was not developed, the #6 Keough was plugged and abandoned.

Respectfully Submitted,



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



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DRILLING TIME LOG

3200'-3225'	1-2-1-1-1	2-1-1-1-1	1-1-1-1-1	1-2-2-2-1	2-2-2-2-2
3225'-3250'	1-1-1-2-2	2-1-2-1-2	2-1-2-1-2	2-2-1-1-2	1-2-2-2-1
3250'-3275'	½-1-1-2-1	2-1-1-2-2	2-½-½-½-½-½	½-½-½-½-½-½	½-½-1-1-1
3275'-3300'	1-2-2-2-1	2-2-2-2-1	1-1-2-2-2	2-1-2-2-2	2-3-2-2-1
3300'-3325'	½-1-1-1-1	1-1-1-1-2	2-3-2-2-1	1-1-1-1-1	1-1-1-2-2
3325'-3350'	1-1-½-½-½	1-1-1-1-1	1-½-½-1-1	1-½-½-½-½	½-½-1-½-1
3350'-3375'	2-1-1-2-2	2-2-3-3-2	2-2-2-1-2	1-1-2-1-2	2-2-2-2-2
3375'-3400'	2-1-1-1-1	1-3-2-3-2	2-1-2-2-1	1-1-2-2-2	1-1-1-2-2
3400'-3425'	2-2-2-2-2	2-2-3-2-2	2-2-3-3-2	2-3-3-2-3	2-1-2-1-1
3425'-3450'	1-1-1-1-1	1-1-1-1-1	3-2-2-2-1	1-1-1-2-1	1-2-½-½-2
3450'-3475'	2-3-2-2-1	1-1-1-2-1	1-1-1-2-1	2-2-1-2-2	1-2-1-2-1
3475'-3500'	1-1-3-1-1	2-1-2-1-1	1-2-1-1-1	1-2-1-1-1	2-2-2-2-2
3500'-3525'	2-2-3-4-2	2-1-2-3-4	2-2-1-3-4	4-5-2-1-3	2-3-2-2-3
3525'-3550'	2-3-3-2-2	4-3-2-2-2	3-3-3-3-3	2-3-3-3-2	2-2-1-2-1
3550'-3575'	3-3-2-2-4	2-3-2-2-1	1-2-3-3-3	3-1-3-2-3	3-2-2-2-2
3575'-3600'	2-2-2-2-3	2-2-2-3-1	1-2-1-3-2	3-3-2-3-4	4-2-2-3-4
3600'-3625'	3-3-4-3-3	4-3-3-4-3	4-3-4-3-3	2-1-4-4-3	2-2-2-2-3
3625'-3650'	3-2-3-3-4	3-4-4-3-3	3-3-3-3-4	4-4-4-3-3	4-4-4-2-2
3650'-3675'	3-2-2-2-2	3-4-4-4-3	4-4-4-4-3	3-4-4-5-5	4-4-5-4-4
3675'-3700'	4-4-4-4-4	4-4-3-4-4	3-3-1-1-3	3-4-3-3-4	4-4-4-4-4
3700'-3725'	4-4-4-4-4	3-3-3-3-4	4-4-3-3-2	3-4-3-2-4	4-4-5-4-4
3725'-3750'	4-5-5-4-4	5-5-2-3-4	3-3-3-3-3	3-4-4-3-3	4-3-4-2-2
3750'-3775'	4-4-3-2-4	4-4-5-4-4	4-4-4-3-3	3-2-2-2-2	1-1-1-1-2
3775'-3800'	4-4-5-5-4	4-2-3-4-4	4-4-4-2-4	3-3-2-2-3	2-2-3-2-3
3800'-3825'	2-3-2-3-3	4-4-4-4-4	4-4-3-2-2	4-3-3-3-3	3-4-3-4-4
3825'-3850'	3-3-3-2-3	2-2-2-2-2	3-4-3-3-3	3-3-3-2-3	4-3-3-3-4
3850'-3875'	3-4-4-5-4	4-3-2-3-4	3-3-4-4-4	3-4-3-4-3	3-3-4-3-3
3875'-3900'	3-4-4-3-4	3-3-4-3-4	4-4-4-4-3	4-4-4-3-3	4-3-3-3-4
3900'-3925'	3-2-3-4-4	3-3-4-4-4	3-5-4-4-4	3-5-4-4-4	5-4-3-3-3
3925'-3950'	2-3-5-3-3	3-3-2-4-3	3-3-3-1-2	2-2-2-2-2	3-1-1-1-2
3950'-3865'	33-3-2-2-1	1-1-2-2-1	1-1-1-1-1	RTD: 3965'	

CFS @ 3930' CFS @ 3938' CFS @ 3946' CFS @ 3965'

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