15-051-25464-0000

GEOLOGICAL REPORT

Dan A. Nixon, Petroleum Geologist - Licensed & Certified

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KCC WICHITA

Well Name:	#3 Irvin C
Location:	N/2 N/2 NW Section 17, T14S-R19W Ellis 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: 2216' Ground Level: 2206
Samples:	Ten foot samples from 3170' to 3450' and five foot samples from 3450' to 3920' RTD.
Time Log:	One foot intervals from 3170' to 3920' RTD. A copy of the time log is included in this report.
Surface Casing:	8 5/8" @ 224' w/160 sacks
Production Casing:	5½" @ 3919' w/100 sacks ASC cement
Port Collar or DV Tool:	DV tool @ 1446' cemented to surface
Spud Date:	12.14.05
Completion Date:	12.22.05
API #:	15-051-25464-00-00

FORMATION TOPS:	SAMPLE DEPTH	LOG DEPTH	MINUS DATUM
Anhydrite (driller's)	1487'	1484'	+732
Anhydrite Base (driller's)	1531'	1526'	+690
Topeka	3210'	3207'	-991
Heebner Shale	3466'	3464'	-1248
Toronto Lime	3493'	3487'	-1271
Lansing	3514'	3510'	-1294
Base of the Kansas City	3771'	3766'	-1550
Gorham Sand	3808'	3806'	-1600
Gorham Sand (2nd)	3832'	3834'	-1618
Arbuckle	3846'	3845'	-1629
Total Depth	3920'	3920'	-1704

SAMPLE ANALYSIS OF ZONES OF INTEREST: (corrected to the electric log)

Lansing	3540'-44'	Fossiliferous, white, fine crystalline limestone, fair fossil porosity. Rare to spotty light stain with slight show of free oil in the wet samples. Trace of saturated stain and vuggy porosity. Calculated greater than 50% water on Log-Tech's CPI log. Consider testing prior to abandoning well.
	3589'-96'	Sub-oolicastic, chalky, white limestone, poor oolicastic porosity and rare spotty stain. Calculated wet on log. Not worthy of testing.
	3667'-71'	White, sucrosic, fine crystalline limestone, poor to fair intercrystalline porosity and spotty stain. Trace of saturated stain and fair vuggy porosity. Wet samples had a show of free oil and odor. Microlog indicated permeability and calculated favorable on Log-Tech's CPI log. Test prior to abandoning well.
	3675'-82'	Limestone as above, but with less staining and show in wet samples. Log indicated no permeability. Trace of dead oil stain. Probably not worthy of testing.
	3696'-3702'	Barren, white, fine crystalline, oolicastic limestone, only a trace of rare spotty stain. Good oolicastic porosity. Not worthy of testing.
Gorham Sand	3806'-12'	Circulated samples from 3825': Fine and medium grained, frosty, sub-rounded, well-sorted sand with spotty and saturated stain. Show of free oil and odor in the wet samples. Fair inter-granular porosity. Calculated favorably on the log. Test this zone.

Gorham Sand (2nd)	3804'-08'	Sand as above with similar staining and shows in the wet samples. Also calculated favorably on the log. Worthy of testing.
Arbuckle Dolomite	3845'-52'	Fine crystalline, buff dolomite, sandy in part, with spotty to saturated stain and good intercrystalline porosity, Had a good show of free oil and odor in the wet samples. Micro-Log indicated good permeability. Test this zone.
	3852'-60'	Dolomite as above with spotty stain, show of free oil and odor. Calculated favorably on log and had good permeability. No separation from upper Arbuckle from a permeability standpoint. Not worthy of testing.
	3860'-3920'	Dolomite as above, but mostly barren of staining. Completely barren below 3880'. Calculated water on log. Not worthy of testing.

REMARKS:

Structurally, the Lansing top on the #3 Irvin C ran 1' high to the plugged Lansing producer to the east ½ location, the #2 Irvin C (R.P. Nixon Oper., Inc.) and 2' low to the Arbuckle producer to the east 1½ locations, the #1 Irvin C (R.P. Nixon Oper., Inc.), and 5' high to the dry hole to the south 1 location and west ½ location, the #1 Irvin (Derby Drlg.)

There was no Gorham Sand in the #2 Irvin C (R.P. Nixon Oper., Inc.) plugged well to the east ½ location, nor in the dry hole to the south 1 location and west ½ location, the #1 Irvin (Derby Drlg.). The #3 Irvin C Gorham Sand top ran 9' high to the same #1 Irvin C (R.P. Nixon Oper., Inc.) Arbuckle producer to the east 1½ locations.

The Arbuckle top on the #3 Irvin C ran 13' low to the same plugged #2 Irvin C, and 4' high to the same #1 Irvin C producer, and 4' high the same #1 Irvin dry hole.

Based on its structural position to nearby production, shows in the Lansing/Kansas City, Gorham Sand, and Arbuckle formations, 5½" casing was cemented at 3919' with 100 sacks for further testing.

Respectfully Submitted,

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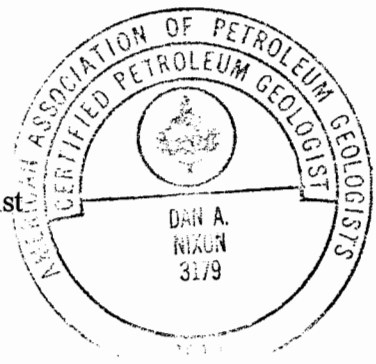
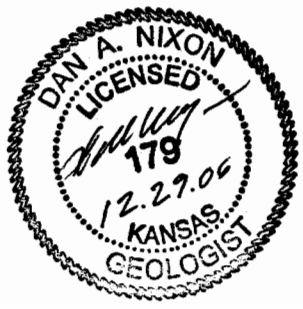
AAPG Certification #3179





DRILLING TIME LOG

3170'-3175'					4-3-3-2-2
3175'-3200'	1-3-2-1-1	1-1-1-1-1	1-1-1-1-1	1-1-1-1-1	1-1-1-1-1
3200'-3225'	1-1-3-2-2	3-2-2-3-1	3-3-2-3-2	2-2-2-3-3	3-4-3-3-3
3225'-3250'	3-3-3-3-2	3-2-3-3-4	3-3-3-3-3	3-4-3-3-3	4-3-3-3-1
3250'-3275'	1-1-1-1-1	1-1-1-1-1	3-4-2-2-2	2-3-4-4-4	3-3-2-2-3
3275'-3300'	2-2-2-2-4	4-4-4-3-3	2-2-2-1-2	2-3-3-4-3	3-2-3-3-2
3300'-3325'	4-3-4-3-4	4-2-3-3-2	3-3-2-2-2	1-1-1-1-1	1-1-1-1-1
3325'-3350'	3-3-4-2-2	4-4-3-3-4	3-3-3-3-3	2-3-5-4-4	5-5-3-3-3
3350'-3375'	2-1-1-1-1	2-3-3-1-1	2-2-2-3-4	3-2-3-3-3	3-4-3-4-4
3375'-3400'	4-3-4-4-5	5-5-5-5-6	5-4-2-4-6	5-6-5-5-5	2-1-1-1-2
3400'-3425'	2-2-2-2-2	2-3-4-4-4	3-3-4-3-4	4-5-5-5-4	5-6-5-7-7
3425'-3450'	9-7-7-5-4	2-3-3-2-1	2-2-2-2-3	5-6-5-6-6	7-7-6-8-6
3450'-3475'	5-5-5-5-5	5-5-6-6-6	6-6-6-5-6	6-4-2-3-6	7-8-7-5-5
3475'-3500'	5-5-5-6-6	5-5-5-5-5	5-5-4-5-4	4-3-3-4-5	5-6-7-5-5
3500'-3525'	6-6-7-7-6	3-5-5-5-4	4-2-4-4-5	7-3-1-1-2	3-6-5-5-4
3525'-3550'	4-5-5-5-4	5-4-4-5-4	3-4-3-4-4	3-6-6-3-3	2-3-5-5-3
3550'-3575'	6-4-5-4-4	4-4-3-4-4	3-3-3-4-5	5-5-3-4-4	4-3-3-3-2
3575'-3600'	5-4-5-6-5	5-4-4-4-4	4-2-6-6-5	6-5-2-2-4	3-3-3-3-4
3600'-3625'	6-5-5-4-3	3-1-1-3-6	7-6-6-6-5	5-6-6-6-9	6-6-7-7-6
3625'-3650'	7-6-6-7-5	6-5-4-5-5	6-4-6-7-6	3-3-4-4-3	4-2-4-7-6
3650'-3675'	4-4-6-6-6	6-7-7-5-7	5-4-4-4-5	8-4-5-4-4	4-5-4-4-5
3675'-3700'	5-5-5-5-7	7-7-6-9-7	9-9-6-6-5	5-6-4-7-6	6-7-5-4-4
3700'-3725'	2-1-2-3-7	8-8-8-8-8	6-6-6-5-5	6-7-7-8-7	6-4-7-8-7
3725'-3750'	8-8-8-7-7	6-8-8-7-7	9-8-8-10-7	8-6-4-3-3	5-4-3-4-3
3750'-3775'	5-3-3-3-3	5-6-6-5-6	6-6-6-5-6	5-5-5-5-5	5-4-5-4-4
3775'-3800'	4-4-5-6-3	2-2-2-3-5	4-3-3-4-4	3-3-3-4-4	3-3-3-3-2
3800'-3825'	3-3-4-3-5	4-4-3-2-2	3-3-2-3-2	3-3-3-3-3	4-4-3-3-2
3825'-3850'	3-2-3-5-3	3-3-3-2-3	2-3-4-1-½	2-3-2-1-1	2-4-3-3-3
3850'-3875'	3-3-3-3-4	4-4-4-3-2	3-4-4-4-3	4-3-1-2-2	2-3-3-3-2
3875'-3900'	2-2-3-4-3	2-2-3-4-3	3-4-5-4-4	3-4-4-5-4	5-5-4-4-3
3900'-3920'	3-3-3-3-3	4-3-4-3-3	2-2-2-2-2	3-3-3-3-3	3920' RTD

CFS @ 3825' CFS @ 3832' CFS @ 3840' CFS @ 3920'