

MAY 16 1986

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Operator: R.P. Nixon Operations
207 West 12th Street
Hays, Kansas 67601

Contractor: Jay-Lan Corp. Rig #3
207 West 12th Street
Hays, Kansas 67601

Elevation: American Elevations
Ground level: 2174'
Rotary bushing: 2181'
All measurements are from
the rotary bushing.

Samples: Ten foot samples from 3100' to
3350' and five foot samples
from 3350' to 3735' RTD.

Time Log: One foot intervals from 3100'
to 3735' RTD. A copy of the
time log is included in this
report.

Surf. Casing: 8 5/8" @ 227' w/135 sx - 60/40 Pozmix
Prod. Casing: 4 1/2" @ 3734' w/125 sx
Port Collar: Set @ 1622' (Anhydrite)

Spud Date: 2-26-86
Comp. Date: 3-4-86

API #: 15-163-22,866
Lease #: 6736/1

31-9-18W

<u>FORMATION TOPS:</u>	<u>SAMPLE DEPTH</u>	<u>LOG DEPTH</u>	<u>MINUS DATUM</u>
Anhydrite top (driller's)	1600'	1602'	+579
Anhydrite base "	1649'	1638'	+543
Topeka	3133'	3135'	-954
Heebner Shale	3343'	3344'	-1163
Toronto Lime	3367'	3368'	-1187
Lansing	3387'	3384'	-1203
Base of the Kansas City	3605'	3606'	-1425
Conglomerate	3627'	3627'	-1446
Simpson Dolomite	3692'	3686'	-1505
Arbuckle Dolomite	3720'	3720'	-1539
Total Depth	3735'	3732'	-1551

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

Toronto	3368'-73'	Fine crystalline, sucrosic, saturated, vuggy lime, fair vuggy porosity. Show of free oil and odor. Calculated high in water saturation on log with 10% porosity.
Lansing	3384'-87'	White, fossiliferous lime, spotty stain with fair fossil porosity. Slight show of free oil and odor. Calculated 12% porosity, 33% water saturation. Should be considered for testing prior to abandoning well.
	3426'-30'	Slightly oolitic, vuggy, white lime, good vuggy porosity, spotty stain. Show of free oil and odor. Calculated 15% porosity, 34% water. Test prior to abandoning well.
	3467'-70'	Fossiliferous, vuggy, white lime, rare to spotty stain. Slight vuggy porosity. Slight show of free oil and odor. Calculated wet on log with 15% porosity. Not worthy of testing.
Simpson Dolomite	3686'-92'	Fine and medium crystalline, vuggy, tan dolomite. Spotty light stain with fair vuggy porosity. Good show of free oil and odor. Calculated 19% porosity, 44% water. Test.
Simpson Dolomite	3702'-05'	Dolomite as above. Calculated 19% porosity, 38% water. Should be considered for testing prior to abandoning well.
Arbuckle Dolomite	3720'-32'	Fine and medium crystalline, buff dolomite, barren with poor intercrystalline porosity. Not worthy of testing.

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REMARKS:

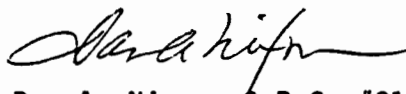
Structurally, the Lansing top on the #1 Pywell ran 8' high to the Lansing producer to the east two locations, the #1 Nuti (RP Nixon Oper.), and flat with the abandoned Lansing producer one location to the north, the #1 Pywell (Edmiston Oil Co.).

The Simpson Dolomite top on the #1 Pywell ran 16' high to the same #1 Nuti to the east, and Simpson Dolomite was not encountered in the same #1 Pywell to the north.

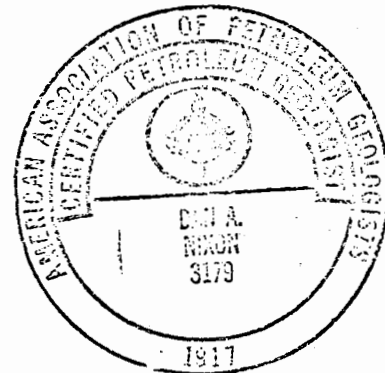
The Arbuckle top on the #1 Pywell ran 13' high to the same #1 Pywell one location to the north. Arbuckle was not encountered in the #1 Nuti, with the total depth minus datum being -1551. The minus datum of the Arbuckle on the #1 Pywell was -1539.

Based on its structural position, shows throughout the Kansas City and Simpson Dolomite, and favorable electric log calculations, 4 1/2" casing was cemented at 3734' for further testing.

Respectfully Submitted,



Dan A. Nixon, C.P.G. #3179



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