

Dan A. Nixon

GEOLOGICAL REPORT *P.*

PETROLEUM GEOLOGIST

WELL #1 LOCATION SE SW SW of Section 19, T10S-R24W Graham Co. LEASE Washington

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

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

Elevation: Laughlin-Simmons & Co.
Ground level: 2469'
Rotary bushing: 2476'
All measurements are from
the rotary bushing.

Samples: Ten foot samples from 3475'
to 3770' and five foot samples
from 3770' to 4056' RTD.

Time Log: One foot intervals from
3475' to 4056' RTD. A copy
of the time log is included
in this report.

Surface casing: 8 5/8" @ 206' w/150 sx 60/40 pozmix
Prod. casing: None- D & A

Spud date: 7-7-84
Comp. date: 7-13-84

API# 15-065-22,016
Lease # 888131

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FORMATION TOPS:	SAMPLE DEPTH	LOG DEPTH	MINUS DATUM
Anhydrite top		2134'	+342
Anhydrite base		2168'	+308
Topeka Lime	3545'	3548'	-1072
Heebner Shale	3759'	3758'	-1282
Toronto Lime	3782'	3781'	-1305
Lansing	3802'	3798'	-1322
Base of the Kansas City	4042'	4034'	-1558
Total Depth	4056'	4055'	-1579

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

Lansing	3828'-32'	Fine crystalline, cherty, buff lime, poor vuggy porosity, rare spotty stain. Very slight show of free oil, no odor.
	3872'-76'	Barren, white, fine crystalline lime, very fine, poor, pinpoint porosity. Trace of rare spotty stain, no show of free oil or odor.
	3889'-92'	Dense, fossiliferous, white lime, trace of very rare spotty light stain. No show of free oil or odor.
	3954'-56'	Lime as above, no show of free oil or odor.
	3996'-98'	Fossiliferous, white lime, fair fossil porosity, oolitic, rare and spotty stain. Good show of gassy free oil, slight odor. Open on DST #1.

Drill Stem Test #1 Results:

Interval: 3978'-4012'
 15"-30"-60"-30"
 Recovery: 610' slightly oil cut, gassy, muddy water (4% oil, 4% gas, 12% mud 80% water)
 IFP: 110-165#
 ISIP: 909#
 IFP: 209-308#
 FSIP: 843#
 BHT: 120° Farenheit
 System Chlorides: 7,000 ppm
 Test Water Chlorides: 58,000 ppm

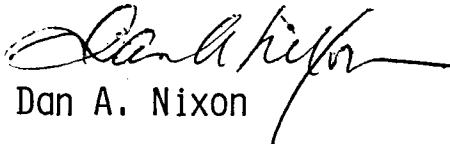
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REMARKS:

Structurally, the Lansing top on the #1 Washington ran 2' low to the abandoned Lansing producer to the north two locations and west one location, the #1 Hobbs (Murfin Drlg.), and 2' high to the abandoned Lansing producer to the north 2 1/2 locations and east 1 1/2 locations, the #1 Hobbs (Rupe-Stoskopf). Also, the #1 Washington was 4' high to the dry hole to the north 2 locations and east 1 location, the #1 Dean Hobbs (Helberg Oil).

Based on the results of DST #1, poor shows in the Kansas City zones which have produced in the area, and electric log calculations of those zones which contained shows, the #1 Washington was plugged and abandoned.

Respectfully Submitted,


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