

WELL #3

LOCATION C W/2 SW SE

Section 9, T9S-R20W Rooks Co.

LEASE Whisman

Operator: Thomason Oil Co.
2700 Oak
Hays, KS 67601

Contractor: Pioneer Drlg. Co.
Plainville, KS

Elevation: Laughin-Simmons & Co.
Ground level: 2140'
Rotary bushing: 2145'
All measurements are from the
rotary bushing.

Samples: Ten foot samples from 3050'
to 3360' and five foot samples
from 3360' to 3698' RTD.

Time Log: One foot intervals from 3050'
to 3698' RTD. A copy of the
time log is included in this
report.

Spud date: 9-22-81
Comp. date: 9-30-81

Surf. casing: 8 5/8" @ 210'
Prod. casing: 4 1/2" @ 3697 1/2'

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FORMATION TOPS:	SAMPLE	LOG	MINUS DATUM
Anhydrite top (driller's)	1654'	1653'	+492
Anhydrite base "	1688'	1687'	+458
Topeka Lime	3140'	3142'	-997
Heebner Shale	3343'	3346'	-1201
Toronto Lime	3370'	3367'	-1222
Lansing	3383'	3385'	-1240
Base of the Kansas City Conglomerate	3602'	3604'	-1459
Arbuckle Dolomite	3650'	3647'	-1502
Rotary Total Depth	3677'	3682'	-1537
	3698'	3698'	-1553

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

Lansing	3388'-92'	Fossiliferous, grey lime, poor fossil porosity, rare spotty stain. Calculated wet on log. Not recommended for testing.
	3424'-26' 3444'-46'	Slightly vuggy, grey fine crystalline lime, rare with trace of spotty stain, poor vuggy porosity, slight show of free oil and odor. Upper zone calculated 15% porosity, 40% water. Test before abandoning well. Lower zone calculated 13% porosity, 42% water. Test before abandoning well.
	3469'-72'	Lime as above, calculated 12% porosity, 42% water. Had slight show of free oil and odor. Test before abandoning well.
	3555'-57'	Grey, dense, fossiliferous lime, rare light spotty stain. Calculated 10% porosity, 52% water. Not worthy of testing.
Arbuckle	3682'-86'-	Buff, white, fine and medium crystalline dolomite, fair intercrystalline porosity, spotty and saturated stain. Good odor and show of free oil. Calculated 22% porosity, 31% water. Test. Open on DST's #1 & #2.

Arbuckle (cont.) 3686'-92'

Rhombic, white, buff dolomite, medium crystalline, spotty stain, trace of barren dolomite, poor and fair intercrystalline porosity. Show of free oil and odor. Calculated 21-29% porosity and 20-45% water. Open on DST's #1 & #2. Test.

3692'-98'

Dolomite as above with increased percentage of barren dolomite. Not recommended for testing.

DRILL STEM TEST #1 RESULTS:

Interval: 3638'-93'

Recovery: 330' mud

(hit bridge in hole)

IFP: N/A

ISIP: 855#

FFP: N/A

FSIP: 808#

DRILL STEM TEST #2 RESULTS:

Interval: 3642'-98'

Recovery: 120' slight oil spotted mud

IFP: 83-107#

ISIP: 819#

FFP: 107-107#

FSIP: 819#

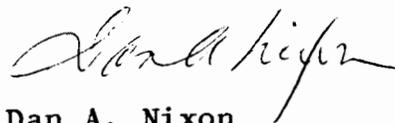
REMARKS:

Structurally, the Lansing top on the #3 Whisman ran 6' low to the #2 Whisman, the producer to the west one location and 1' high to the abandoned producer $\frac{1}{2}$ location south of the #2 Whisman (Thomason Oil), the #3 Whisman A (I O Miller).

The Arbuckle top on the #3 Whisman ran 38' low to the #2 Whisman and 31' low to the same #3 Whisman A.

Because of the results of DST #2, and calculations of zones in the Kansas City which had slight shows of oil, 4 $\frac{1}{2}$ " casing was cemented at 3697 $\frac{1}{2}$ ' for further testing.

Respectfully Submitted,



Dan A. Nixon