

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey
WICHITA BRANCH

S. 28 T. 11S R. 21 W
Loc. NE/4 NE/4 SW/4
County Trego, Kansas

API No. 15 — 195 —
County Number 20,821

Operator Theodore Gore

Address Suite 1750 125 N. Market Wichita, Kansas 67202

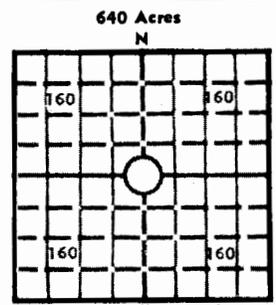
Well No. 1 Lease Name Lynd

Footage Location S
2310 feet from XXX line 2310 feet from XXX line

Principal Contractor Geologist
Murfin Drilling Arthur N (Bill) Jacques

Spud Date Date Completed Total Depth P.B.T.D.
6-10-81 6-24-81 4026' 4002.78'

Directional Deviation Oil and/or Gas Purchaser
No (Oil) Koch Oil Co.



Locate well correctly
Elev.: Gr. 2305'
DF. KB 2310'

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/2"	8 5/8"	28#	337'	Common; 2% gel, 3% CC	185	2% gel, 3% CC
Production	7 7/8"	5 1/2"	14#	4025'	HLC 60/40POZ	550 200	300 sks. w/10# Gils. 2% gel, 10% salt .75 of 1% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	SSB	3978-3981

Size	Setting depth	Packer set at
2 7/8"	3999.26'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
8-03-81 250 gals. 15% MCA	3978-3981

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)		
8-19-81	Pumping		
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water
	5 bbls.	MCF	0 bbls.
Disposition of gas (vented, used on lease or sold)		Producing interval (s)	
Vented		3978-3981	

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Theodore Gore DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:
Oil

Well No. 1 Lease Name Lynd

S 28 T 11S R 21 ^{XX}
W

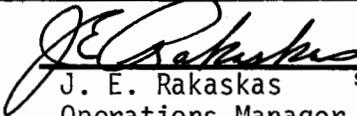
WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand, rock & shale	1530	1530	Welex Electric Log Tops:	
Shale	1753	1753		
Anhydrite	1801	1801	Topeka	3366
Shale	3400	3400	Oread	3516
Lime w/ shale	3967	3967	Heebner	3578
Red Shale	4013	4013	Toronto	3594
Lime RTD	4025	4025	Lansing Kansas City	3614
DST #1 3508-30 (Oread)			Zone 2	3653
45-45-30-30			Zone 2A	3673
Rec. 100' mud w/ scum oil, 77' water.			Zone 3	3690
IFP 40#, FFP 99#, ISIP 1175#, FSIP 1175#			Zone 4	3700
DST #2 3637-65 (Zone 2)			Zone 5	3710
45-45-30-30			Zone 6	3743
Rec. 60' muddy water.			Zone 6A	3750
IFP 50#, FFP 60#, ISIP 969#, FSIP 929#.			Zone 7	3772
DST #3 3677-3700 (Zone 3)			Zone 8	3791
Weak blow 5" & died.			Zone 9	3814
Rec. 10' mud.			Base Kansas City	3853
IFP 30#, FFP 40#, ISIP 900#, FSIP 821#			Marmaton	3910
DST #4 3737-75 (Zone 6A & 5' Zone 7)			Arbuckle	3975
60-60-60-60 Strong blow throughout.			TD	4025
Rec. 744' gas, 251' gassey muddy oil (30% gas, 40% oil, 30% mud, no water)	DST #7 3913-50 (Marmaton)			
IFP 60#, FFP 139#, ISIP 1282#, FSIP 1253#	60-60-80-30 Weak blow 1"			
DST #5 3778-90 (Zone 7 except top 5")	Rec. 15' mud w/ few specks of oil			
45-45-30-30	IFP 49#, FFP 59#, ISIP 574#, FSIP 89#.			
Rec. 9½' oil cut mud, 6" oil.	DST #8 3975-91 (Arbuckle)			
IFP 20#, FFP 30#, ISIP 60#, FSIP 50#	60-60-60-60 Strong blow 1st open, fair blow			
DST #6 3806-3840 (Zone 9)	2nd open. Rec. 120' gas, 360' free oil			
45-45-30-30 Weak blow for 5"	(38 degrees gravity), 240' wtr.			
Rec. 2' slightly oil spotted mud.	IFP 69#, FFP 248#, ISIP 683#, FSIP 594#.			
IFP 40#, FFP 40#, ISIP 50#, FSIP 40#.	DST #9 3990-4012 (Arbuckle)			
CORE DESCRIPTIONS - see attached sheet	60-60-60-60 Strong blow 1st open			
	Rec. 590' muddy water w/ few oil specks.			
	IFP 29#, FFP 228#, ISIP 1047#, FSIP 1027#.			

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	 J. E. Rakaskas Signature Operations Manager Title August 27, 1981 Date
---------------	---

93832

28-11-21W

Theodore Gore #1 Lynd
NE NE SW Sec. ~~28-11S-21W~~
Trego County, Kansas
Wildcat
Elevation: 2310 KB

0719
CORE DESCRIPTION BY A. N. JACQUES, JUNE 23, 1981

CORE #1 3950-74' Rec. 18' Red shale with lime and chert inclusions.

CORE #2 3974-91.5' - Recovered 16'

- 3474-80 Dolomite, light gray, medium crystalline, cherty, white to brown opaque chert, good scattered vuggy porosity and fractures, bleeding oil, very good saturation, some light green talcish shale inclusion, 20% bleeding oil.
- 3480-87 Dolomite as above, 60% bleeding oil, increase in good vuggy and intercrystalline porosity
- 3487-90 Dolomite as above, increase in pale green talcish shale
- 3490-91 Dolomite as above, decrease in green shale
- 3491-91½ Dolomite as above, slight increase in green shale

CORE #3 3991½-4012' - Recovered 21'

- 3991-92 Dolomite, light gray, finely crystalline, good vuggy porosity and saturation, bleeding oil. Some light green talcish shale
- 3992-94 Dolomite, light gray, coarse crystalline, good intercrystalline and vuggy porosity, good bleeding oil, good saturation.
- 3994-96 Dolomite, light tan to gray, medium crystalline, tite, scattered vuggy porosity, no show, some green shale
- 96-4001 Dolomite, cream to white, medium to coarse crystalline, some good vuggy porosity and saturation, bleeding oil
- 4001-03 Dolomite, white, medium to coarse crystalline, pyritic, dark green shale and Kaolinite, good scattered vuggy porosity and saturation
- 4003-03½ Dolomite, white, medium to coarse crystalline, good vuggy porosity and saturation, good bleeding oil
- 4003½-06 Dolomite, white, medium crystalline, tite, some vuggy porosity and saturation, considerable green shale and Kaolinite.
- 4006-07 Dolomite, cream to light buff, medium crystalline, few vugs, fair saturation
- 4007-08 Dolomite, light gray to white, fine to medium crystalline, tite, no saturation, no porosity, trace of green shale
- 4008-09 Dolomite, light tan, coarse crystalline, Kaolinite, some intercrystalline porosity, light saturation
- 4009-10 Dolomite as above increasing in porosity and saturation
- 4010-11 Dolomite, cream to tan, medium to coarse crystalline, considerable green shale, some vuggy porosity and saturation
- 4011-12 Dolomite, cream, fine to medium crystalline, some scattered saturation, poor porosity

WELL LOG

State Geological Survey

WICHITA BRANCH

SEC. 28 T. 11S R. 21W

LOC. NE NE SW

COMPANY Theodore Gore, Oil Producer

FARM Lynd NO. 1

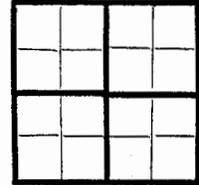
RIG. NO. 8

TOTAL DEPTH 4025

COMM. 6-11-81

COMP. 6-25-81

COUNTY Trego
KANSAS



CONTRACTOR Murfin Drilling Company

CASING

20	10	
15	8-5/8" @ 337'	
12	6	
13	5	

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand, rock & Shale	1530
Shale	1753
Anhydrite	1801
Shale	3400
Lime w/shale	3967
Red Shale	4013
Lime RTD	4025