

KANSAS DRILLERS LOG

API No. 15 — 151 — 20670
County Number

Operator

Woolsey Petroleum Corporation

Address

300 West Douglas, Suite #400, Wichita, Kansas 67202

Well No.

#1

Lease Name

Lawton

Footage Location

1,350 feet from (S) line 670 feet from (W) line

Principal Contractor

Venture Drilling, Inc.

Geologist

Tom McElroy

Spud Date

9-25-79

Total Depth

4,601'

P.B.T.D.

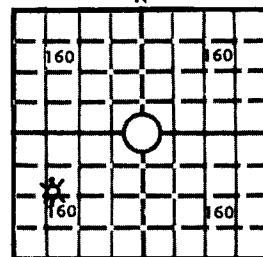
2,960'

Date Completed

3-11-80

Oil Purchaser

S. 15 T. 28 R. 13 W
Loc. 1, 350' FSU 670' FWL SW/4
County Pratt
640 Acres
N
BRANCH Survey



Elev.: Gr. 1,917'
DF 1,920' KB 1,922'

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	15 1/2"	10 3/4"	32 #	295'	HLC Class 'A'	125 250	3% CC 1/2# Flocele/sk
Intermediate	9 7/8"	8 5/8"	24 #	1003'	Common	100	3% CC
Production	7 7/8"	4 1/2"	10.5#	4009'	60/40 Pozmix	125	10% Salt 3/4% CFR-2
				Stage 2998'	60/40 Pozmix	175	10% Salt 3/4% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jumbo Jets	3904 - 3906
					2917 - 2921
			2	Jumbo Jets	2894 - 2897
					2883 - 2888

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	2866'	NONE

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
STGW		CONSERVATION DIVISION Wichita, Kansas			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	473	MCF	bbls.	CFPB

Disposition of gas (vented, used on lease or sold)

Waiting on pipeline connection

Producing interval (s)

2917-2921, 2894-2897, 2883-2888

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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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 Woolsey Petroleum Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:		
Well No. 1	Lease Name Lawton		Gas	
S 15 T 28 R 13 E 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
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	 Signature District Geologist Title 5/10/80 Date			

#1 LAWTON
Sec. 15-28S-13W

Owner:

Woolsey Petroleum Company
300 W. Douglas Bldg., Suite 400
Wichita, Kansas 67202

Rotary Drilling Contractor:

Venture Drilling Inc.
Suite 1625 Vickers-KSB&T Bldg.
Wichita, Kansas 67202
TOTAL DEPTH: 4601'

Commenced: September 26, 1979
Completed: October 18, 1979

State Geological Survey
WICHITA BRANCH

LOG:

0' - 25'	Sand & Red Bed	Spud 10:15 p.m.
25' - 305'	Sand & Red Bed	
305' - 695'	Red Bed	
695' - 1006'	Shale	
1006' - 1180'	Shale	
1180' - 1726'	Lime/Shale	
1726' - 1847'	Shale & Sand	
1847' - 1875'	Shale	
1875' - 2030'	Shale	
2030' - 2086'	Lime & Shale	
2086' - 2215'	Lime & Shale	
2215' - 2298'	Lime & Shale	
2298' - 2390'	Lime & Shale	
2390' - 2566'	Lime & Shale	
2566' - 2680'	Lime & Shale	
2680' - 2703'	Lime & Shale	
2703' - 2780'	Lime & Shale	
2780' - 2920'	Lime & Shale	
2920' - 2990'	Lime & Shale	
2990' - 3100'	Lime & Shale	
3100' - 3113'	Lime & Shale	
3113' - 3195'	Lime & Shale	
3195' - 3266'	Lime & Shale	
3266' - 3460'	Lime & Shale	
3460' - 3570'	Lime & Shale	
3570' - 3709'	Lime & Shale	
3709' - 3885'	Lime & Shale	
3885' - 3926'	Lime & Shale	
3926' - 3948'	Lime & Shale	
3948' - 4020'	Lime & Shale	
4020' - 4046'	Lime & Shale	
4046' - 4064'	Lime & Shale	
4064' - 4110'	Lime & Shale	
4110' - 4182'	Lime & Shale	
4182' - 4262'	Lime & Shale	
4262' - 4344'	Lime & Shale	
4344' - 4348'	Lime & Shale	

Casing Record

Set 8 jts. of 10 3/4"
32 # Surface casing at 295'
W/25 sks. Lite 3% cc 150 sks.
of common 3% cc W/ 1/4 lb.
of Flo. cele per sk. plug
down at 11:00 a.m. cement
did circulate

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NOV 15 1979

CONSERVATION DIVISION
Wichita, Kansas



October 23, 1979

15-28-13w
1 Lawton

Well Log Continued

SUITE 1625 KSB&T BLDG. 125 NORTH MARKET WICHITA, KANSAS 67202 (316) 267-1550

4348	-	4380	Lime & Shale
4380	-	4420	Lime & Shale
4420	-	4435	Lime & Shale
4435	-	4512	Lime & Shale
4512	-	4587	Lime & Shale
4587	-	4601	Lime & Shale
4601	-	RTD	

State Geological Survey
WICHITA BRANCH

AP1 # 15-151-20670

Computer Inventoried

15-28-13W

Woolsey Petroleum Corporation

#1 Lawton

Pratt County, Kansas

1350'FSL, 670'FWL, SW/4

Sec. 15-T28S-R13W

Contr: Venture Drilling, Inc.

Elev.: 1922'KB Comm: 9-25-79 Comm: 3-11-80 I.P. 473 Mcfd

Casing: 10 3/4" @ 295'/375 sks. 8 5/8" @ 1003'/100 sks. 4 1/2" @ 4009/125 sks.
second stage @ 2998'/175 sks.

Rotary Total Depth: 4601' Log Total Depth: 4600'

LOG TOPS	DEPTH	DATUM
Chase	2045	(- 123)
Wabaunsee	2858	(- 936)
Tarkio	3046	(-1124)
Heebner	3666	(-1744)
Lansing "B"	3896	(-1974)
Base Kansas City	4217	(-2295)
Mississippian	4316	(-2394)
Viola	4369	(-2437)
Simpson Shale	4459	(-2537)
Arbuckle	4585	(-2663)
LTD	4600	(-2678)

DST #1 2072-2086

60-60-90-120

Rec. 90' SW

IFP 20-40#

ISIP 622#

FFP 40-80#

FSIP 661#

DST #2 2257-2298

Rec. 660' SW

IFP 50-200#

ISIP 751#

FFP 200-331#

FSIP 761#

DST #3 2671-2703

60-60-120-180

GTS/2", 1st op. 242 MCF

2nd op. 177 MCF

Rec. 610' GCSW

IFP 80-121#

ISIP 871#

FFP 141-211#

FSIP 881#

DST #4 2866-2920

60-60-120-120

GTS/5", 1st op. 80 MCF

2nd op. 86 MCF

Rec. 80' GCM

IFP 40-90#

ISIP 970#

FFP 40-80#

FSIP 1481#

DST #5 3093-3113

60-60-60-120

Rec. 10' M

IFP 20-20#

ISIP 704#

FFP 20-20#

FSIP 546#

DST #6 3201-3226

60-60-60-120

Rec. 620' SW

IFP 30-181#

ISIP 1130#

FFP 181-301#

FSIP 1130#

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Wichita, Kansas

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DST #7 3901-3926
60-60-90-120
GTS/17" 1st op. 9.45 MCF
2nd op. 5.64 MCF
Rec. 630' HGCO & 510' GCSW
IFP 101-341#
ISIP 1260#
FFP 382-542#
FSIP 1280#

DST #8 4024-4064
60-60-60-60
Rec. 185' SW
IFP 50-101#
ISIP 1459#
FFP 101-131#
FSIP 1459#

DST #9 4284-4398
60-60-60-120
Rec. 20' M
IFP 60-70#
ISIP 191#
FFP 70-70#
FSIP 211#

DST #10 4365-4420
60-60-60-60
Rec. 20' M
IFP 34-51#
ISIP 85#
FFP 51-51#
FSIP 76#

DST #11 4584-4601
45-60-45-90
Rec. 2050' SW
IFP 85-618#
ISIP 1594#
FFP 618-948#
FSIP 1603#

DST #12 (SP) 4253-4276
45-45-45-45
Rec. 15' M
IFP 37-37#
ISIP 73#
FFP 37-37#
FSIP 55#

COMPLETION INFORMATION

Set 4½" 10.5# @ 4009'/125 sks. 60/40 Pozmix (10% salt, 3/4% CFR-2). DV second stage @ 2998'/175 sks. 60/40 Pozmix (10% salt, 3/4% CFR-2).

CO to 3966'. Pf 4 JJ PF/3904-3906'. A 250G 15% DeMud Acid. Swb. 1d., Swb. 1.44 BFPH (10% oil). A 1000G 15% NE Acid. Swb. 1d., Swb. 5.8 BFPH (40% oil). Run Tbg & Rods. POP. Pump 13 BOPD+ 97BWPD, oil declined.

Pf 2 JJ PF/2917-2921', 2894-2897', 2883-2888'. Set BP @ 2960'. A 1000G 10% De Mud Acid. Swb. 1d., flow 44 MCFD. Frac w/ 12000# 20/40sd., 150 bbls KCL wtr. +350 MSCF Nitrogen. Blow back. Flow rate 473 Mcfd last 6 hrs. Wait on pipeline connection.

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Wichita, Kansas