

STATE OF KANSAS
STATE CORPORATION COMMISSION
130 S. Market, Room 2078
Wichita, KS 67202

REGULATORY RECORD
K.A.R.-32-3-117

API NUMBER 15-047-20,261-0000

LEASE NAME Meyer A

WELL NUMBER 2

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

1980 Ft. from S Section Line

660 Ft. from E Section Line

SEC. 16 TWP. 25 RGE. 16 XE(X)OR(W)

COUNTY Edwards

LEASE OPERATOR D.R. Lauck Oil Co., Inc.

ADDRESS 221 S. Broadway, Suite 400 Wichita, Ks. 67202

PHONE# (316) 564-2013 OPERATORS LICENSE NO. 5427

Date Well Completed 7-15-77

Character of Well Oil

Plugging Commenced 10-29-97

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Plugging Completed 11-3-97

The plugging proposal was approved on October 21, 1997 (date)

by David P. Williams (KCC District Agent's Name).

Is ACO-1 filed? No If not, is well log attached? Yes

Producing Formation Cherokee Sd Depth to Top 4321 Bottom 4328 T.O. 4430

Mississippi Depth to Top 4332 Bottom 4358 T.O. 4430

Kinderhook Sd 4373 4391

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS		CASING RECORD		RECEIVED KANSAS CORPORATION COMMISSION CONSERVATION DIVISION WICHITA KS		
Formation	Content	From	To	Size	Put In	Pulled out
Perforations						
Cherokee Sd	Oil, Gas & Water	4323	28	8 5/8"	375'	
Mississippi	Oil, Gas & Water	4333	41	5 1/2"	4428'	619'
Kinderhook Sd	Oil, Gas & Water	4378	86			

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plug were used, state the character of same and depth placed, from feet to feet each set. Sanded to 2730'. Bailed 5 sks cement. Pipe parted while pulling slips at 619'. Pulled it out and ran tubing to 850'. Pumped 8 gel & 50 sks cement with 2 hulls displaced with 2 gel. Pulled tubing to 390', spotted 50 sks cement with 2 hulls. Pulled to 200'. Circulated cement to surface with 35 sks cement. Pulled the rest of the tubing. Hole stayed full.

Name of Plugging Contractor Quality Well Service, Inc. License No. 31925

Address 249 Beth-Drive West Sterling, KS 67579 67202

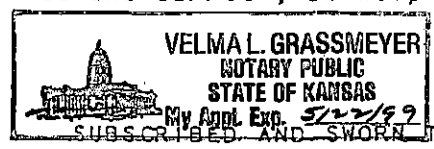
NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: D.R. Lauck Oil Co., Inc.

STATE OF Kansas COUNTY OF Sedgwick, ss.

John D. Knightley (Employee of Operator) or ~~XXXXXXXXXX~~ of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) [Signature]

(Address) 221 S. Broadway, Wichita, KS 67202



SUBSCRIBED AND SWORN TO before me this 11th day of November, 19 97

[Signature]
Notary Public

My Commission Expires: 5/22/99

USE ONLY ONE SIDE OF EACH FORM

KANSAS DRILLERS LOG

API No. 15 — 047 — 20,261
County Number

Operator
D. R. Lauck Oil Co., Inc.

Address
301 South Broadway Wichita, Kansas 67202

Well No. #2 Lease Name Meyer "A"

Footage Location
1980 foot from ~~XXX~~ S1 line **660** foot from (E) ~~XXX~~ line

Principal Contractor **D. R. Lauck Oil Company, Inc.** Geologist **S. Bruce Clark**

Spud Date **May 25, 1977** Total Depth **4430'** P.U.T.D. **4404'**

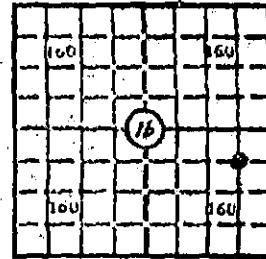
Date Completed **June 4, 1977** Oil Purchaser **Gatty Oil Company**
GR

S. 16 T. 25 R. 16 ^E/_W

Loc. C NE SE

County Edwards

640 Acres
 N



Locate well correctly

Elev.: Gr. 2071

DF 2074 KB 2076

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	12-1/4"	8-5/8"	24#	375'	Common	275	2% Gel, 3% CaCl ₂ .
Production	7-7/8"	5-1/2"	14#	4428'	Salt Saturated Pozmix	100	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		4378-86
			2		4333-41
			2		4323-28

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	4330' 4393'	

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ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	CONSERVATION DIVISION WICHITA, KS	Depth interval treated
Acidized with 1000 gal. MCA acid.		4378-86
Frac with 20,000# sand & 36,000 gal. acid water.		4378-86
Frac with 36,000 gal gel acid water, 10,000# sand.		4323-28
Acidized with 1000 gal. MCA acid.		4323-28

INITIAL PRODUCTION

Date of first production July 22, 1977	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 40 bbls. Gas 100 MCF Water 40 bbls. Gas-oil ratio CFR
Disposition of gas (vented, used on lease or sold) To be sold	Producing interval(s) 4323-28

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 **D. R. Lauck Oil Company, Inc.** DESIGNATE TYPE OF COMPLETION: OIL, GAS, DRY HOLE, SWDOW, ETC. **Oil Well**

Well No. **2** Lease Name **Meyer "A"**

S **16** T **25** R **16**^{3EX}_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
<u>SEE ATTACHED</u>				

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

Date Received

Signature
Secretary and Landman
Title
August 23, 1977
Date

June 7, 1977

GEOLOGICAL REPORT

D. R. LAUCK OIL COMPANY, INC.

#2 Meyer "A"

C NE SE 16-25S-16W
Edwards County, Kansas

Samples from 3600 to 4430 RTD were caught, examined and turned over to the Wichita Well Sample Library. The well was under geologic supervision from 3800 to total depth. Two drill stem tests were run, the first in the Cherokee sandstone recovering gas, and the second test in the Mississippian chert recovering only mud. After running Petro-Log's Radiation Guard Log, the positive drill stem test in the Cherokee, the attitude of the productive horizons, and field experience, production casing was set.

Electric Log Formation Tops

T. Heebner	3726-1650
T. Lansing	3876-1800
B. Kansas City	4155-2079
T. Cherokee Shale	4316-2240
T. Cherokee Sand	4321-2245
T. Mississippian	4332-2256
T. Kinderhook Shale	4360-2284
T. Kinderhook Sand	4373-2297
Log Total Depth	4429-2353

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CONSERVATION DIVISION
WICHITA, KS

Lansing-Kansas City

Either a trace or no staining was found in samples from this formation. The calculations from the electric log indicated low water saturation due to the zones having oolimoldic porosity. None of these zones are recommended for perforating.

Cherokee Sandstone

4324-30 Sandstone, fine to medium grained, angular to sub angular, well sorted, fair oil saturation, trace of free oil, and no odor.

Petro-Log 4322-24, 14% porosity, 31% water saturation
 4324-26, 25% porosity, 30% water saturation
 4326-28, 19% porosity, 19% water saturation

DST #1 4313-35 (30-60-30-60) good blow throughout first opening, gas to surface immediately after second opening.

Time	Choke	PSI	MCPPD
2nd open	1/4"	1	8.95
5	1/4"	4	18.5
10	1/4"	5	20.5
15	1/4"	6	22.9
20	1/4"	7	25.0
25	1/4"	7.5	26.1
30	1/4"	8	27.0

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Recovered 20' of mud. IFP 20#-31#, ISIP 165#, FFP 31#-41#, FSIP 165#, BHT 118°.

Mississippi

4334-60 Chert, varied colored, mostly white-gray and buff in color, tripolitic and oolitic near top, opaque to sub translucent, slightly vugular, trace of free oil in wet samples, fair oil staining and no odor.

Petro-Log 4333-38, 28% porosity, 28% water saturation
 4338-42, 24% porosity, 38% water saturation
 4342-44, 28% porosity, 28% water saturation
 4344-46, 28% porosity, 27% water saturation
 4346-49, 25% porosity, 28% water saturation
 4349-52, 25% porosity, 26% water saturation
 4352-55, 23% porosity, 29% water saturation

DST #2 4340-59 (30-45-30-60) very weak blow throughout test with very slight increase. Recovered 30' of mud. IFP 32#-32#, ISIP 65#, FFP 32#-32#, FSIP 65#, BHT 126°.

Kinderhook Sandstone

4374-80 Sandstone, fine to very fine grained, grains are rounded to subrounded and well sorted, very tightly cemented with chert or quartz, vitreous, no porosity unless fractured.

4380-89 Sandstone, very fine grained, rounded and well sorted, fair intergranular porosity, a few chips were nearly friable, good oil saturation and a trace of free oil and gas, no odor.

Petro-Log 4373-78, 5% porosity, 26% water saturation
4378-82, 29% porosity, 26% water saturation
4382-84, 25% porosity, 30% water saturation
4384-86, 24% porosity, 30% water saturation

Recommended perforations:

Kinderhook 4378-86
Mississippian 4333-41
Cherokee 4323-28

S. Bruce Clark
S. Bruce Clark

SBC:sjl

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