

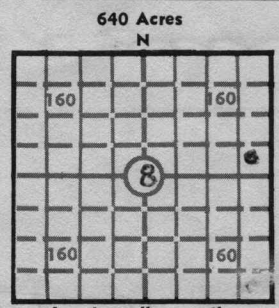
15-009-21146

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

S. 8 T. 16 R. 11 ^K_W
Loc. SE SE NE
County Barton

API No. 15 — 009 — 21,146
County Number

Operator
J. C. Musgrove, Inc.
Address
P. O. Box 1362 Great Bend, Kansas 67530
Well No. #B1 Lease Name O'Leary



Locate well correctly
Elev.: Gr. 1810
DF 1820 KB 1823

Footage Location
350 feet from ~~(N)~~ (S) line 350 feet from (E) ~~(W)~~ line NE/4
Principal Contractor Duke DTLG Geologist JC Musgrove
Spud Date 4/24/77 Total Depth 3350 P.B.T.D. 3330
Date Completed 5/13/77 Oil Purchaser PHILLIPS

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#	312	Common	175	3% CC 2% GEL
Production	7 7/8	5 1/2	15 1/2#	3349 1/2	POZMIX	100	SALT-SAT

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	1/2" DP	3297-3301

Size	Setting depth	Packer set at
2 7/8"	3327	—

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
200 gal 15% N.E.	3297-3301

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil <u>50</u> bbls.	Gas <u>—</u> MCF	Water <u>10</u> bbls.	Gas-oil ratio <u>CFPB</u>	
Disposition of gas (vented, used on lease or sold)			Producing interval (s) <u>ARBUEKLE</u>		

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 JC MUSGROVE INC DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. B-1 Lease Name O'LEARY OIL

S 8 T 16 R 11 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
ANHYDRITE			ANHYDRITE	691
			HEEBER	2862
			TORONTO	2880
			DOUGLAS	2892
			BBW LM	2954
			LANSING	2971
			B/KC	3239
DST-1 2796-2820 30-30 WK 12" 25' mud SIP 707# FP 249-249#			COG	3264
			ARBuckle	3290
			R.T.D	3350
DST-2 2976-3030 30-30-30-30 Stm BLOW 2360' GAS - 100' SOCM SIP 565-653# FP 61-81#			DST-5 3291-3296 45-45-45-45 good blow 655' OIL - 120' water 45' water SIP 1040-1010# FP 20-306#	
DST-3 3040-3064 30-30-30-30 good blow 5' OIL - 35' SOCM 60' SOCM SIP 693-683# FP 40-71#			DST-6 3298-3306 30-30-30-30 Stm blow 350' OGW - 960' water SIP 1060-1060 FP 71-ST1#	
DST-4 3138-3200 30-30-30-30 good blow 330' OGW # SIP 326-326# FP 122-214#				

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

Date Received _____
 Signature J. Musgrove
 Title Tres
 Date 7/15/77

L96519

DRILLERS WELL LOG

8-16-11W

DATE COMMENCED: April 24, 1977
 DATE COMPLETED: May 2, 1977

J. C. Misgrove, Inc.
 O'LEARY B-1
 SE SE NE
 Sec 8-T163-R11W
 Barton County, Kansas

ELEVATION: 1823 K.B.

0 - 28' Surface Soil and Clay
 28 - 313' Post Rock and Shale
 313 - 691' Shale, Shells, Red Bed
 691 - 716' Anhydrite
 716 - 1365' Shale, Red Bed
 1365 - 1920' Shale, Lime
 1920 - 2861' Lime and Shale
 2861 - 2865' Shale
 2865 - 2891' Lime
 2891 - 2954' Shale
 2954 - 2971' Lime and Shale
 2971 - 3240' Lime
 3240 - 3291' Lime and Shale
 3291 - 3350' Dolomite
 3350' RTD

FORMATION TOPS

Anhydrite	691
Heebner	2861
Toronto	2878
Douglas	2891
Brown Lime	2954
Kansas City	2971
Base K.C.	3240
Arbuckle	3291
RTD	3350

SURFACE PIPE:

Set used 8 5/8", 24# pipe
 at 312' w/175 sacks Common,
 2% Gel, 3% cc.

PRODUCTION PIPE:

Ran used 5 1/2", 14# casing
 at 3349 1/2' with 100 sacks
 60/40 salt sat Pozmix.

AFFIDAVIT

STATE OF KANSAS }
 COUNTY OF BARTON } ss.

Leonard Williamson, of lawful age, does swear and state that the facts and statements herein contained are true and correct to the best of his knowledge.

Leonard Williamson

Subscribed and sworn to before me this 3rd day of May, 1977.

515767

611-11-8

STATE OF ILLINOIS

IN SENATE,
January 2, 1911.
REPORT
OF THE
COMMISSIONERS OF THE
STATE OF ILLINOIS

REPORT
OF THE
COMMISSIONERS OF THE
STATE OF ILLINOIS

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REPORT
OF THE
COMMISSIONERS OF THE
STATE OF ILLINOIS

James M. Thompson

ILLINOIS