

15-167-21093

State Geological Survey

WICHITA BRANCH

KANSAS DRILLERS LOG

API No. 15 — 167 — 21,093
County Number

Operator

Louis M. Mai

Address

Box 33 Russell, Kansas 67665

Well No.

#3

Lease Name

Louie

Footage Location

720 feet from (N) (S) line 990 feet from (E) (W) line

Principal Contractor

Duke Drilling

Geologist

Francis Whisler

Spud Date

October 19, 1977

Total Depth

3240

P.B.T.D.

3145

Date Completed

October 25, 1977

Oil Purchaser

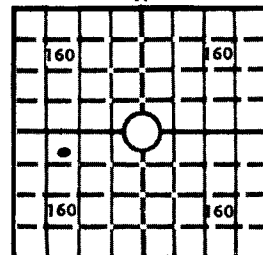
Cities Service

S. 34 T. 14 R. 14 ^W

Loc. 60' S/NE NW SW

County Russell

640 Acres
N



Locate well correctly

Elev.: Gr. 1710

DF 1713 KB 1715

CASING RECORD

Report of oil 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 24	477	Common	275	2% gel-3% ca. ch
Production	7 7/8	5 1/2	15	3185	60/40 Pozmix	325	2% gel-18% salt Flt seal - cir2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
none			4	jumbo jets	2938-42
TUBING RECORD			4	jumbo jets	2926-30
Size	Setting depth	Packer set at	4	jumbo jets	2905-09
2 7/8	2940				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gals 15% Non E and 3000 gals 15% CR	perf above

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
November 25, 1977	Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	CFPB
	20 bbls.	trace MCF	trace bbls.		
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
Vented			perf above		

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 Louis M. Mai		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:		
Well No. 3	Lease Name Louis	Oil		
S 34 T 14 R 14 W, Russell County, Kansas				
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
As per log attached			Anhydrite	727
			Severy	2593
			Topeka	2610
			Heebner	2843
			Toronto	2862
			Douglas	2875
			Kansas City	2903
			Base K.C.	3137
			Arbuckle	3155
			RTD	3240
DST #1 - 2282-2320 - 30-60-60-60- with strong blow. Recovered 1100' of gas - 90' SOGCM 60' OGCM - 60' HOGCM - 120' Muddy gassy oil - IFP: 125-140 - IBHP 641 FFP 155-184 - FBHP 568				
DST #2 - 2910-2950 - 30-60-60-60 - with fair blow - Recovered 100' of gas - 75' of SOGCM - IFP 52-73 - IBHP 814 - FFP 62-78 - FBHP 751				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	Louis M. Mai Signature Owner - Operator Title Dec 22, 1977 Date			

State Geological Survey
WICHITA BRANCH

DRILLERS' WELL LOG

15-167-21093
34-14-14N

DATE COMMENCED: October 19, 1977
DATE COMPLETED: October 26, 1977

Louis M. Mai
LOUIE # 3
60' S of NE NW SW
Sec 34-T14-R14
Russell County, Kansas

ELEVATION: 1715 K.B.

0 - 35'	Surface Soil, Sand
35 - 69'	Sand
69 - 405'	Shale, Red Bed, Sand Streaks
405 - 478'	Red Bed
478 - 727'	Shale, Red Bed
727 - 758'	Anhydrite
758 - 1427'	Shale, Red Bed
1427 - 2610'	Shale, Sand, Lime
2610 - 2843'	Lime, Shale
2843 - 2847'	Shale
2847 - 2862'	Lime, Shale
2862 - 2875'	Lime
2875 - 2903'	Shale and Lime
2903 - 3137'	Lime
3137 - 3155'	Lime, Shale
3155 - 3240'	Dolomite
3240'	RTD

FORMATION DATA

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RTD	3240

SURFACE PIPE: Set used 2 1/2"
8 5/8" pipe at 477' w/275
sacks Common cement,
2% Gel, 3% ca. ch.

PRODUCTION CASING

Set new 5 1/2", 11# casing at
3185' w/325 sacks 60/40 Pozmix,
w/2% Gel, and 18% salt - 1/8"
Flo-seal - .75% CFR2.

A F F I D A V I T

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