

KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request
samples on this well.

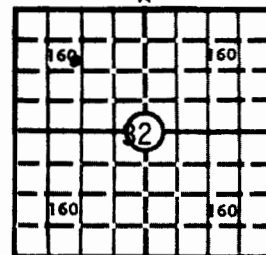
32-34-39W

S. 32 T. 34 R. 39 W

Loc. C NW

County Morton

640 Acres
N



Locate well correctly

Elev.: Gr. 3313'

DF KB 3321'

API No. 15 — 129 — 20,430
County Number

Operator

Mobil Oil Corp., Attn: L. C. Case

Address

Box 5444 Denver, Colo 80217

Well No.

#2

Lease Name

L. T. Johnson Unit

Footage Location

1250 feet from (N) (S) line 1250 feet from (E) (W) line

Principal Contractor

Wakefield Drilling Co.

Geologist

V. C. ANDRESEN

Spud Date

11-22-80

Total Depth

3100'

P.B.T.D.

3077'

Date Completed

12-20-80

Oil Purchaser

NORTHERN NATURAL GAS

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 Casing	12½"	8-5/8"	24#	565'	Class H Reg	150	12% gel+3% CaCl ₂
					Class H Reg	150	3% CaCl ₂
Prod. Casing	7-7/8"	5½"	14#	3100'	HOWCO LITE	500	¼#/SK FLUCEL
					Class H Reg	150	18% NaCl+.75% CR ₂

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		2912-2914
			2		2928-2935
			2		2937-2946
			2		2952-2956
			2		2958-2965

TUBING RECORD

Size	Setting depth	Packer set at			
2-3/8"	3002'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
5500 gals MOD 202 + additives + 85 ball sealers	2912-2965
64,000 gals fresh gel H ₂ O + additives + 192,000# 20-40 frac	
sand	

INITIAL PRODUCTION

Date of first production 2-1-81		Producing method (flowing, pumping, gas lift, etc.) Pumping		
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas 4 PT OFP 2800 MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Sold			Producing interval (s) 2912-2965'	

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 MOBIL OIL CORPORATION		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas
Well No. 2	Lease Name L. T. Johnson Unit #1	
S 32 T 34 R 39 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
Sand	0	46	STONE CORRAL	1728'
Sand & Clay	46	525		
Red Bed	525	565	CHASE	2570'
Red Bed & Gyp	565	1297		
Sand	1297	1435	COUNCIL GROVE	2904'
Shale & Gyp w/Anhydrite Streaks	1435	1670		
Shale & Gyp, Sand	1670	1830		
Shale & Lime	1830	2360		
Lime & Shale	2360	3110		
R.T.D.		3110		

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

Date Received	for <i>J. A. Williamson</i> C. J. PARK Signature PRODUCING ACCOUNTING SUPERVISOR Title Date
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20-24-2500

32-34-39W

KANSAS DRILLER'S LOG

LEASE: L. T. JOHNSON UNIT #2
OWNER: MOBIL OIL CORPORATION
SPUD: 11-22-80
COMP: 11-27-80

LOCATION: NW/4
SECTION 32-34S-39W
MORTON COUNTY, KANSAS
CASING: 8 5/8" SET @ 565'
5 1/2" SET @ 3110'

Sand	46
Sand & Clay	525
Red Bed	565
Red Bed & Gyp	1297
Sand	1435
Shale & Gyp W/Anhydrite Streaks	1670
Shale & Gyp, Sand	1830
Shale & Lime	2360
Lime & Shale	3110
R.T.D.	3110

STATE OF KANSAS: s.s.

I, William C. Wakefield, do hereby certify that this is a true and correct Driller's Log on the L.T. JOHNSON UNIT #2, located NW/4 SECTION 32-34S-39W, MORTON COUNTY, KANSAS, as shown by the daily drilling reports.

EARL F. WAKEFIELD, INC.

By William C. Wakefield
William C. Wakefield

Subscribed and Sworn to before me this 30th Day of November, 1980.