

KANSAS

IMPORTANT

WELL COMPLETION REPORT AND
DRILLER'S LOGKans. Geo. Survey requests
samples on this well.

S. 20 T. 34S R. 37 W

API No. 15 — 189 — 20542
County Number

Loc. NW/4

County Stevens

Operator

MOBIL OIL CORPORATION

Address

P. O. Box 5444 Denver, Colorado 80217

Well No.

1

Lease Name

Lewis B. Ellexson Unit

Footage Location

1250 feet from (N) ~~X~~ line 1250 feet from ~~X~~ (W) line

Principal Contractor

Wakefield Drilling Co.

Geologist

V. C. Andresen

Spud Date

6-9-81

Date Completed

7/15/81

Total Depth

3220'

P.B.T.D.

3205'

Directional Deviation

3/4° @ 737'; 3/4° @ 1143';

Oil and/or Gas Purchaser

Northern Natural Gas Co.

1° @ 1878'; 3/4° @ 2429'; 3/4° @ 3220'

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	12-1/4"	8-5/8"	24#	737'	Class H Reg	150	12% gel+3% CaCl ₂
production casing	7-7/8"	5-1/2"	14#	3220'	Class H Reg	150	3% CaCl ₂
					Lite	500	1/4#/sk Flocele
					Class H Reg	150	18%NaCl+.75%CFR ₂

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3		3035-3040
			3		3058-3062
			3		3098-3106
			3		3110-3112

TUBING RECORD

Size	Setting depth	Packer set at			
2-3/8"	3/24'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
3500 gals MOD 202 + additives & 80 ball sealers;	3025-3112
38000 gals of gelled, fresh water + 114000# 20-40 frac sand + additives	RECEIVED STATE CORPORATION COMMISSION

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)		CONSERVATION DIVISION	
awaiting connections		Pumping		Wichita, Kansas	
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
awaiting connections			3035-3112		

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, 245 No. Water, Wichita, Kansas 67202. 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. 1	Lease Name Lewis B. Ellexson	
S 20 T 34S R 37 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	160	STONE CORRAL	1725
SAND & CLAY	160	660	CHASE	2665
RED BED	660	895	COUNCIL GROVE	3021
RED BED & GYP	895	1190		
SAND	1190	1425		
SHALE & GYP	1425	1845		
SHALE	1845	2075		
SHALE & ANHYDRITE	2075	2345		
SHALE & LIME	2345	3030		
LIME & SHALE	3030	3170		
LIME	3170	3220		
R.T.D.		3220		

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

Date Received	W.R. Rann for C.J. PARK Signature Producing Accounting Supervisor Title 8-4-81 Date
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20-34-37W

KANSAS DRILLER'S LOG

State Geological Survey
WICHITA BRANCH

LEASE: LEWIS B. ELLEXSON UNIT #1
 OWNER: MOBIL OIL CORPORATION
 SPUD: 6-09-81
 COMP: 6-14-81

LOCATION: NW/4
 SECTION 20-34S-37W
 STEVENS COUNTY, KANSAS
 CASING: 8 5/8" SET @ 737'
 5 1/2" SET @ 3220'

Sand	160
Sand & Clay	660
Red Bed	895
Red Bed & Gyp	1190
Sand	1425
Shale & Gyp	1845
Shale	2075
Shale & Anhydrite	2345
Shale & Lime	3030
Lime & Shale	3170
Lime	3220
R.T.D.	3220

RECEIVED
 STATE CORPORATION COMMISSION

JUL - 6 1981

CONSERVATION DIVISION
 Wichita, Kansas

STATE OF KANSAS)
) ss.
 COUNTY OF SEDGWICK)

I, William C. Wakefield, do hereby certify that this is a true and correct
 Driller's Log on the LEWIS B. ELLEXSON UNIT #1, located NW/4 SECTION 20-34S-37W,
 STEVENS COUNTY, KANSAS, as shown by the daily drilling reports.

EARL F. WAKEFIELD, INC.