

KANSAS

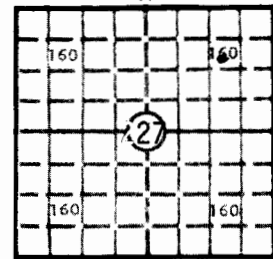
27-34-37W

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 189 — 20541
County Number

S. 27 T. 34S R. 37 W

Loc. NE/4

County Stevens

640 Acres
NLocate well correctly
3124'

Elev.: Gr. 3124'

DF KB 3132'

Operator

MOBIL OIL CORPORATION

Address

P. O. Box 5444 Denver, Colorado 80217

Well No.

1

Lease Name

Hershey-Leonard Unit

Footage Location

1250 feet from (N) line

1150 feet from (E) line

Principal Contractor

Wakefield Drilling Co.

Geologist

V.C. Andresen

Spud Date

6-16-81

Date Completed

7/22/81

Total Depth

3225'

P.B.T.D.

3210'

Directional Deviation

1° @ 750'; 3/4° @ 1113';

Oil and/or Gas Purchaser

NORTHERN NATURAL GAS CO.

1-1/4° @ 3019 & 3225'

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#	750'	Class H.	150	12% gel + 3% CaCl ₂
production casing	7-7/8"	5-1/2"	14#	3225'	Lite Class H	500	1/4#/sk Floccle
						150	18% NaCl + .75% CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3		3048-3057
			3		3062-3066
			3		3070-3074

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
3000 gals. MOD 202 acid + additives & 75 ball	3048-3074
scalers; 34000 gals. gelled fresh water + 102000# 20-40 Frac	
sand + additives	

RECEIVED

STATE CORPORATION COMMISSION

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			AUG 6 1967	
Awaiting connections		Pumping				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	CONSERVATION DIVISION	General Info	
	bbls.	MCF	bbls.	Wichita Kansas	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)			
Awaiting connections			3048-3074			

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 Hershey-Leonard Unit		
S <u>27</u> T <u>34</u> S <u>R 37</u> ^{XX} _W			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
SAND	0	200	STONE CORRAL
CLAY & SAND	200	680	CHASE
RED BED	680	1205	COUNCIL GROVE
RED BED & GYP	1205	1237	
SAND	1237	1421	
SHALE & GYP	1421	1800	
SHALE	1800	2325	
SHALE & LIME	2325	2700	
LIME & SHALE	2700	2990	
LIME	2990	3080	
LIME & SHALE	3080	3210	
LIME	3210	3225	
R.R.D.		3225	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: right;"> <i>W. R. Ran</i> for C. J. PARK Signature Producing Accounting Supervisor Title <i>8-4-81</i> Date </div>		

J. R. A. 2.100.

State Geological Survey
KANSAS DRILLER'S LOG
WICHITA BRANCH

27-34-37W

LEASE: HERSHEY-LEONARD UNIT #1
OWNER: MOBIL OIL CORPORATION
SPUD: 6-16-81
COMP: 6-21-81

LOCATION: NE/4
SECTION 27-34S-37W
STEVENS COUNTY, KANSAS
CASING: 8 5/8" SET @ 750'
5 1/2" SET @ 3225'

Sand	200
Clay & Sand	680
Red Bed	1205
Red Bed & Gyp	1237
Sand	1421
Shale & Gyp	1800
Shale	2325
Shale & Lime	2700
Lime & Shale	2990
Lime	3080
Lime & Shale	3210
Lime	3225
R.T.D.	3225

RECEIVED
STATE CORPORATION COMMISSION
AUG 26 1981
CONSERVATION DIVISION
Wichita, Kansas

STATE OF KANSAS)
COUNTY OF SEDGWICK) ss.

I, William C. Wakefield, do hereby certify that this is a true and correct
Driller's Log on the HERSHEY-LEONARD UNIT #1, located NW/4 SECTION 27-34S-37W,
STEVENS COUNTY, KANSAS, as shown by the daily drilling reports.

EARL F. WAKEFIELD, INC.

By: *W.C. Wakefield*