

KANSAS DRILLERS LOG

State Geological Survey

WICHITA, BRANCH

API No. 15 — Stevens 189 — 189 20 185

County

Number

Operator

Mobil Oil Corporation

Address

P. O. Box 1934, Oklahoma City, Oklahoma 73101

Well No.

1

Lease Name

J. A. Knepper Heirs Unit

Footage Location

1250

feet from (M) (S) line

1250

feet from (M) (W) line

Principal Contractor

Zenith Drilling Company

Geologist

Roger Wilkinson

Spud Date

January 19, 1973

Total Depth

3000'

P.B.T.D.

2971'

Date Completed

April 12, 1973

Gas Purchaser

Northern Natural Gas Co.

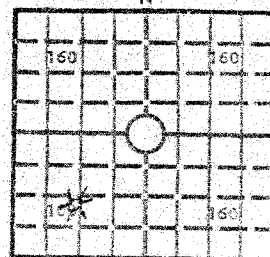
S. 33 T. 32 R. 38 (W)

Loc. Approx. C SW/4

County Stevens

640 Acres

N



Locate well correctly

Elev.: Gr. 3178'

DF KB 3189'

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	15"	10-3/4	30	610'	Lite Wate Regular	300 150	2% CaCl2 3% CaCl2
Intermediate	9-7/8"	(50' into Red Beds) 7-5/8	26	1712'	Regular	200	3% CaCl2
Production	6-3/4"	5 1/2	14	3000'	Regular	100	18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	4" SDJ	2958' - 2966' Squ
TUBING RECORD			2	4" SDJ	2809' - 2934'
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized w/500 gals. 15% HCL. Squeezed perforations with 50 sx.	2958' - 2966'
regular + 100 sx. regular cement. Acidized w/5000 gals. 15% HCL	2809' - 2934'
+ 150 ball sealers. Fracture treat w/182,000 gals. treated	2809' - 2934'
Fresh water & 349,000# 20-40 sand.	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.) Flowing			
RATE OF PRODUCTION PER 24 HOURS		Oil bbls.	Gas 4200 MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) Sold				Producing interval (s) 2809' - 2934'	

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.:

Well No. 1	Lease Name J. A. Knepper Heirs Unit	Gas
S 33 T 32 R 38 # 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, Shale	0	467	Cimarron	1722
Sand, Shale	467	610	Wellington	2202
Red Bed	610	783	Chase	2467
Sand, Shale	783	1382	Council Grove	2803
Sand	1382	1447		
Red Bed, Sand	1447	1715		
Shale, Shells	1715	1960		
Shale	1960	2550		
Lime	2550	3000		
T.D.	3000			
P.B.T.D.	2971			

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


 Paul K. Langenberg Signature
 Office Group Supervisor
 Title
 April 17, 1973
 Date