

cc: KGS ERN WDT
CBS CJP AJM
FILE

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

10-188-20458
5-35-37W

KANSAS DRILLERS LOG

API No. 15 — 189 — 20,438
County Number

Operator
Mobil Oil Corp.

Address P. O. Box 5444 Denver, Colo 80217

Well No. #2 Lease Name E. S. Raydure

Footage Location
1327 feet from (N) line 1321 feet from (W) line

Principal Contractor Zenith Drilling Co. Geologist Iris Luth

Spud Date 1/20/79 Total Depth 6900 P.B.T.D. 3129

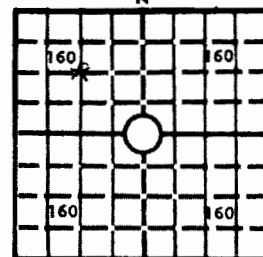
Date Completed 2/17/79 Purchaser GAS Northern Natural Gas Co.

S. 5 T. 35 R. 37 E
W

Loc. C SW

County Stevens

640 Acres
N



Locate well correctly

Elev.: Gr.

DF KB 3161

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#	1750	Class H. Reg	500	12% gel + 2% CACL2
					Class H. Reg	150	3% CACL 2
					Class H Reg	100	
Production casing	7-7/8"	5-1/2"	14#	3122	Howco Lite	200	1/4# sax Flocele
					Class H Reg	150	18% salt + 3/4% CFR ₂

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
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PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3		3031-3036
			3		3042-3050

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8	3074	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
26,000 gals. water w/12 1/2# WG-6/1000 gals + 1 gal/1000 gals	3031-3050
Howco suds + 20# GBW -3 breaker + 52,000# 20/40 sand	

INITIAL PRODUCTION

Date of first production 3/8/79		Producing method (flowing, pumping, gas lift, etc.) PUMPING		
RATE OF PRODUCTION PER 24 HOURS	Oil -	Gas 1,700	Water -	Gas-oil ratio -
	bbls.	MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold) SOLD			Producing interval (s) 3031-3050	

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 Corp.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. 1-2	Lease Name E. S. Raydure	GAS	
S 5 T 35S R 37 E 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
			DEPTH
Sand & red bed	0	910	
Red bed & anhydrite	910	1750	
Anhydrite	1750	1900	Wellington
Anhydrite, red bed & sand	1900	2384	Chase
Anhydrite	2384	2825	Winfield
Anhydrite & shale	2825	3490	Council
Lime and Shale	3490	6900	Grove
			3007
			Wabaunsee
			3415
			Shawnee
			3795
			Heebner
			4260
			Toronto
			4278
			Lansing
			4327
			Kansas
			City
			4766
			Maramaton
			5155
			CheroKee
			5425
			Morrow
			5980
			Chester
			6465
			St. Genevieve
			6602
			St. Louis
			6746
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 C. J. Park Signature		
	Producing Accounting Supervisor Title		
	3/22/79 Date		

WELL LOG

COMPANY MOBIL OIL COMPANY

SEC. 5-35S-37W

FARM E. S. Radure

NO. 1-2

LOC. C NW/4

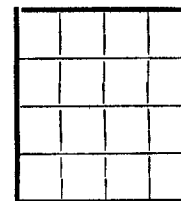
TOTAL DEPTH 6900'

COUNTY Stevens

COMM. 1-19-79

COMP. 2-07-79

CONTRACTOR Zenith Drilling Corporation, Inc.



CASING
1749' of 8 5/8" 24# casing, cemented W/750 sacks cement
3176' of 5 1/2" 15.5# casing set 15 3172' with 350
sacks cement.

ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

910	Sand & Red Bed
1750	Red Bed & Anhydrite
1900	Anhydrite
2384	Anhydrite, Red Bed & Sand
2825	Anhydrite
3490	Anhydrite & Shale
6900	Lime & Shale

NOTE: Set cement plug at 3396' - 3282' with
50 sacks cement.

RECEIVED
STATE CORPORATION COMMISSION

FEB 20 1979

CONSERVATION DIVISION
Wichita, Kansas

State of KANSAS

SENGWICK

SS