

KANSAS DRILLERS LOG

State Geological Survey

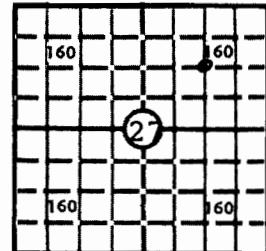
WICHITA, BRANCH

API No. 15 — 033 — 20, 199 20200

S. 27 T. 33S R. 16W E

Loc. C NE

County Comanche

640 Acres
N

Locate well correctly

1672

Elev.: Gr.

1677 KB 1680

Operator

National Oil Company

Address

200 W. Douglas, Suite 550, Wichita, KS 67202

Well No.

5

Lease Name

Merrill

Footage Location

1320 feet from (N) line

1320 feet from (E) line

Principal Contractor

DaMac Drilling Co., Inc.

Geologist

Bill Sladek

Spud Date

May 29, 1976

Total Depth

4932

P.B.T.D.

Date Completed

June 10, 1976

Oil Purchaser

Elev.: Gr.

1677 KB 1680

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
Conductor		16		50	Common	100	2% cc
Surface	12-1/4	8-5/8		1178	Common	750	2% gel, 3% cc
Production	7-7/8	4-1/2		4931	Posmix	175	18% salt & CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

4

Jet

4836-43'

Size	Setting depth	Packer set at		
2-3/8"	4889'			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
750 gal 15%	4836-43'
Frac w/10,000 gal + 10,000# 20-40 sand	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)					
Shut In							
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas 3400 MCF	Water bbis.	Gas-oil ratio		CFPB	
Disposition of gas (vented, used on lease or sold)						Producing Interval(s)	4836-43'

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 6044.

eratom

National Oil Company

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Gas

Well No.

Lease Name

5 Merrill

s 27 T 33S R 16W^E_W C NE

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
DST #1, 4802-42'; 60-60-60-60; Gauged 882 MCF in 10", 933 MCF in 20", stabilized; 2nd opening 882 MCF in 10", 918 MCF in 30", 882 MCF & stabilized; Rec 130' GCM, no wtr; IFP 318-355; FFP 303-318; ISIP 1788; FSIP 1773.			<u>Log Tops</u>	
DST #2, 4846-57'; Packer failure.			Heebner	3994 -2314
DST #3, 4839-80'; 30-60-60-60; GTS in 35"; 5" intervals gauged 64,000 CFG; 47,700 CFG, 4,840 CFG, 6,390 CFG, 7,700 CFG, 8,580 CFG, 9,180 CFG, 9,750 CFG, 10,500 CFG, 11,000 CFG, 11,600 CFG; Rec 30' mud; IFP 36-45; FFP 45-54; ISIP 1824; FSIP 1824.			Lansing	4166 -2486
			B/Ks. City	4654 -2974
			Marmaton	4706 -3026
			Cherokee Sh	4784 -3104
			Mississippi	4834 -3154

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

Date Received

RE, TO COMPLETE WELL
P.B. Jenkins
Siam

Signature

Exploration Manager

Tit

July 15, 1976

Date _____