

KANSAS DRILLERS LOG

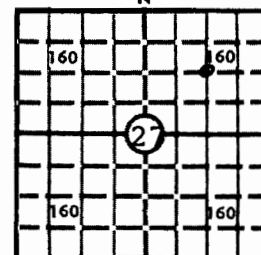
State Geological Survey

WICHITA, BRANCH

API No. 15 — 033 — ~~20,199~~ 20200
County NumberS. 27 T.33S R. 16W^E_W

Loc. C NE

County Comanche

640 Acres
N

Locate well correctly

Elev.: Gr. 1672

DF 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

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
			4	Jet	4836-43'
TUBING RECORD					
Size	Setting depth	Packer set at			
2-3/8"	4889'				

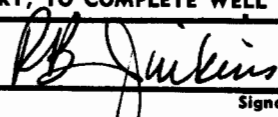
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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	Gas	Water	Gas-oil ratio	
	bbls.	3400 MCF	bbls.		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 5044.

erator National Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas	
Well No.	Lease Name		
5	Merrill		
S <u>27</u> T <u>33</u> S <u>R 16</u> ^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. DST #2, 4846-57'; Packer failure. 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.			<u>Log Tops</u> Heebner 3994 -2314 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	<div style="text-align: right; margin-right: 50px;">  Signature </div> <div style="text-align: right; margin-right: 50px;"> Exploration Manager Title </div> <div style="text-align: right; margin-right: 50px;"> July 15, 1976 Date </div>		