

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCH

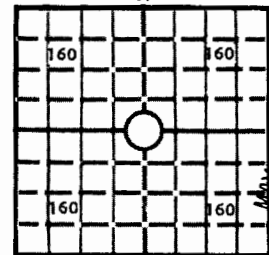
3-35-16W

API No. 15 — 033 — 20,189
County Number

S. 3 T. 35S R. 16W E
Loc. 1150'N 350'E

County Comanche

640 Acres
N



Elev.: Gr. 1791

DF 1796 KB 1798

Operator

National Oil Company

Address

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

Well No.

Lease Name

1

Murdock

Footage Location

1150 feet from (N) line 350 feet from (E) line

Principal Contractor

DaMac Drilg. Co., Inc.

Geologist

Eldon Schierling

Spud Date

November 29, 1975

Total Depth

5240'

P.B.T.D.

Date Completed

January 22, 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
Surface	12-1/4	8-5/8		331'	Common	275	3% cc
Production	7-7/8	4-1/2		5240'	50-50 pos	100	18% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Jet	5164'-5172'
			2	Jet	5154'-5161'

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8	5147'	

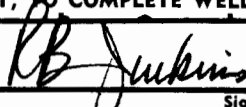
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1250 gal 7 1/2% MCA acid	5154-61' & 5164-72'
34,760 gal gelled wtr, 22,500# 20-40 mesh sand	5154-61' & 5164-72'
7500# 10-20 mesh sand	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS		Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s) 5164-5172' & 5154-5161'		

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 National Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas	
Well No. 1	Lease Name Murdock		
S <u>3</u> T <u>35</u> R <u>16</u> W ^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
DST #1, 5118-75'; 45-45-60-60; GTS in 7"; 15" 76,000; 20" 108,000; 25" 108,000; 30" 108,000; 35" 108,000; 40" 108,000; 2nd opening, 10" 121,000; 20" 121,000; 30" 134,000; 40" 144,000; 50" 144,000; 60" 144,000; Rec 120' GCM; ISIP 1867; FSIP 1867; IFP 83; FFP 56.			Log Tops Heebner 4253 -2455 Lansing 4451 -2653 Ks City 4696 -2898 B/Ks City 4961 -3163 Marmaton 4971 -3173 Cherokee 5098 -3300 Mississippi 5159 -3361
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Exploration Manager Title May 12, 1976 Date		