

**KANSAS DRILLERS STATE Geological Survey**

WICHITA, BRANCH

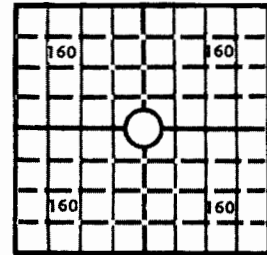
API No. 15 — 033 — 20,182  
County Number

S. 13 T. 33S R. 16W E

Loc. 660' FNL, 960' FEL

County Comanche

640 Acres  
N



Locate well correctly

Elev.: Gr. 1787

DF \_\_\_\_\_ KB \_\_\_\_\_

Operator  
National Oil Company

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

Well No. 1 Lease Name Merrill

Footage Location  
660' feet from (S) line FNL 960' feet from (E) (W) line FEL

Principal Contractor DaMac Drilling Company, Inc. Geologist Arden Ratzlaff

Spud Date 7-03-75 Total Depth 4960 P.B.T.D.

Date Completed 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
		8-5/8"	28#	265	Common	225	3%cc

**LINER RECORD**

**PERFORATION RECORD**

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

**TUBING RECORD**

Size	Setting depth	Packer set at

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated

**INITIAL PRODUCTION**

Date of first production Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCF	bbls.	CFPB

Disposition of gas (vented, used on lease or sold) Producing interval(s)

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.: Dry Hole
Well No. 1	Lease Name Merrill	
S 13 T 33S R 16W <sup>E</sup> <sub>W</sub> 660' FNL, 960' FEL		

<b>WELL LOG</b>	<b>SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.</b>
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, 4888-4908'; 30-45-30-45; no blow; flushed tool & rec. 120' mud; ISIP 232; FSIP 189; IFP 105; FFP 105.			Log Tops Topeka Heebner Douglas Sd.	3552 -1757 4064 -2269 4214 -2419
DST #2, straddle test; 4802-66'; 30-45-30-45; wk blow for 5", died; IFP 73; FFP 73; ISIP 105; FSIP 94.			Lansing B/KC Marmaton Cherokee	4250 -2455 4698 -2903 4739 -2944 4828 -3033
DST #3, hookwall test; 3562-3618'; 30-45-45-45; Wk blow to strg blow in 4", strg blow throughout; Rec. 150' thin mud; 60' VWM; 900' vtr; ISIP 1403; FSIP 1383; IFP 420; FFP 680.			Mississippi LTD RTD	4848 -3053 4952 -3157 4960 -3165



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

Date Received	<i>Arden Ratzlaff</i>
	Arden Ratzlaff <small>Signature</small>
	Exploration Manager
	<small>Title</small>
	7-17-75
	<small>Date</small>