14-34-16W

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCH

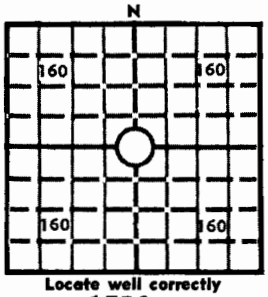
API No. 15 — 033 (County) — 20,184 (Number)

S. 14 T. 34S R. 16W E/W

Loc. Approx. C SW/4

County Comanche

640 Acres
N



Locate well correctly

Elev.: Gr. 1758

DF 1764 KB 1766

Operator: National Oil Company	
Address: Suite 550, 200 W. Douglas, Wichita, KS 67202	
Well No.: 3	Lease Name: Merrill
Footage Location: feet from (N) (S) line	feet from (E) (W) line
Principal Contractor: DaMac Drilling Company, Inc.	Geologist: Arden Ratzlaff
Spud Date: 8-03-75	Total Depth: 5100 / P.B.T.D.
Date Completed: 8-18-75	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"	23#	1027'		480	3% cc
		13-3/8"	166'				

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
National Oil Company	Dry Hole
Well No. 3	**Lease Name** Merrill
S 14 T 34S R 16W E/W	Approx. C SW/4

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, 2874-2916'; 30-45-30-45; Rec. 240' mud; 60' WM; IFP 152; FFP 200; ISIP 1293; FSIP 1197.			Electric Log Tops	
			Topeka	3703 -1937
			Heebner	4158 -2392
DST #2, 4932-4960'; 45-45-45-60; gd blow throughout; Rec. 270' SGCM; 120' SGCMW; IFP 158; FFP 221; ISIP 1447; FSIP 1447.			Lansing	4358 -2592
			B/KC	4849 -3083
			Marmaton	4862 -3096
			Ft. Scott	4984 -3218
DST #3, 5020-5052'; 45-60-60-60; fr blow throughout; Rec. 50' drilling mud; ISIP 63; FSIP 105; IFP 63; FFP 63.			Miss	5039 -3273
			LTD	5098 -3332
			RTD	5100 -3334

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

Date Received

RECEIVED
AUG 1975
STATE GEOLOGICAL SURVEY OF KANSAS

Arden Ratzlaff
Signature

Exploration Manager
Title

8-19-75
Date

If 3rd - 1975