

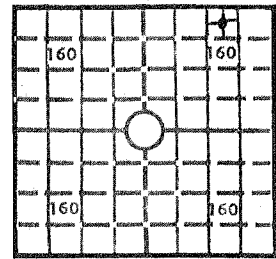
KANSAS DRILLERS LOG

S. 17 T. 19 R. 21 ~~W~~

Loc. NW NE NE

County Ness

640 Acres
N



Locate well correctly

Elev.: Gr. 2197

DF KB 2202

API No. 15 — 135 — 20,736
County Number

Operator
The National Oil Company
Address Suite 550, O. W. Garvey Building
Wichita, Kansas 67202

Well No. #2 (#1 Intend) Lease Name Margheim

Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor H-30 Drilling Geologist Robert Jinkins

Spud Date 3-19-73 Total Depth 4383 P.B.T.D.

Date Completed 4-4-73 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		8 5/8		264		175	2% Gel & 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 bbls.	Gas MCF	Water bbls.	Gas-oil ratio 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.

National Oil Company

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

Well No.

2

Lease Name

Margheim

D & A

17 T 19S R 21 E W

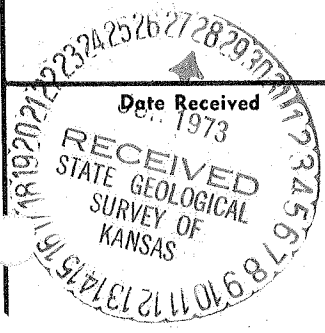
WELL LOG

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 4209-30, 30-45-60-45, Rec 1920' Wtr, ISIP 915-927#, FP 352-915#			ELECTRIC LOG TOPS	
Dst #2 4273-95, 30-30-30-30, Rec 20' Mud, ISIP 58-46#, FP 46-46#			Anhy	1408 +794
			Heeb	3668 -1466
			Tor	3686 -1492
Dst #3 4235-4313, 30-30-30-30, Rec 1560' SW, Scm Oil, ISIP 938-892#, FP 176-751#			Lans	3714 -1512
			B/KC	4014 -1812
			Paw	4098 -1896
Dst #4 4309-17, 30-45-60-45, V Wk blow, Rec 5' Fr Oil, 60' Th Wtry M, sl OC, ISIP 974-269#, FP 46-48#			Ft Sct	4204 -2002
			Chero	4216 -2014
			1st Snd	4219 -2017
Dst #5 4310-25, 30-45-60-45, Rec 60' Th Wtry M, sl oc, ISIP 821-492#, FP 46-58#			Miss Dol	4303 -2101
			Osage	4330 -2128
			TD	4383 -2181
Dst #6 4320-35, 30-45-60-45, 130' Gip, Rec 50' sl ocm, ISIP 164-140#, FP 46-58#				
Dst #7 4330-45, 30-45-60-45, Strong blow, Rec 180' Ho & Gcm, ISIP 1180-1100#, FP 58-105#				
Dst #8 4342-50, 30-45-60-45, 80' GIP, Rec with 1' fr oil, ISIP 1140-1020#, FP 0-50#				

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



Arden Katzlaff
 Signature
 Kansas Exploration Mgr.
 Title
 5-21-73
 Date