

KANSAS DRILLERS LOG

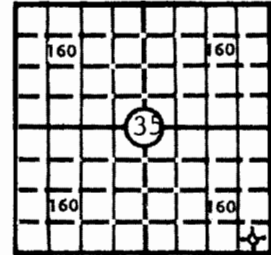
State Geological Survey
WICHITA BRANCH

S. 35 T. 10S R. 25W ~~XX~~ W

Loc. SE SE SE

County Graham

640 Acres
N



Locate well correctly

Elev.: Gr. 2432'

DF 2435' KB 2437'

API No. 15 — 065 — 21,228
 County Number

Operator
National Oil Company

Address
Suite 800, 200 West Douglas, Wichita, KS 67202

Well No. #1 Lease Name Richmeier

Footage Location
330 feet from ~~XX~~ (S) line 330 feet from (E) ~~XX~~ line

Principal Contractor John O. Farmer, Inc. Geologist Bob Douglas

Spud Date 1-2-81 Total Depth 4050' P.B.T.D.

Date Completed 1-10-81 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"	24	249'	Common	180	

LINER RECORD

PERFORATION RECORD

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

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.

Operator National Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #1	Lease Name Richmeier	Dry Hole
S <u>35</u> T <u>10S</u> R <u>25W</u> XX W		


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
Clay Sand	0	80	Anhy	2067
Blue Shale	80	255	Base Anhy	2107
Shale & Sand	255	1637	Topeka	3525
Sand	1637	1838	Heebner	3743
Red Bed	1838	2073	Toronto	3766
Anhydrite	2073	2345	Lansing	3782
Shale & Lime	2345	2955	Base K.C.	4033
Lime & Shale	2955	3140		
Shale & Lime	3140	3420		
Lime & Shale	3420	3675		
Lime	3675	3790		
Lime & Shale	3790	3845		
Lime	3845	4050		
Log ran: Radiation Guard Log				
D.S.T. #1 3805-45 30,45,60,45, weak blow increasing to fair, Rec. 325' of thin wtry mud, ISIP 1219, FSIP 1198, IFP 31-53 FFP 74-148, Temp. 108°				
D.S.T. #2 3940-4010 30,45,60,45, steady blow throughout rec. 180' mud, IFP 42-63, ISIP 1345, FSIP 1303,				

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

Date Received	 Signature President Title January 16, 1981 Date
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