

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

15-065-20482

19-6-25W

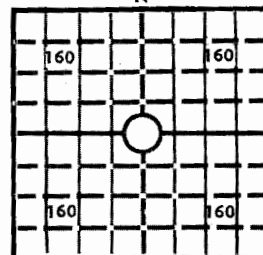
API No. 15 — 065 — 20,982
County Number

S. 19 T. 6S R. 25W E W

Loc. SE SE SE

County Graham

640 Acres
N



Locate well correctly

Elev.: Gr. 2595

DF 2597 KB 2600

Operator

National Oil Company

Address

200 West Douglas, Suite 550, Wichita, KS

Well No.

1

Lease Name

Klein

Footage Location

330 feet from ~~W~~ (S) line 330 feet from (E) ~~W~~ line

Principal Contractor

John O. Farmer

Geologist

Jay Dirks

Spud Date

January 28, 1978

Total Depth

3900

P.B.T.D.

3872

Date Completed

February 7, 1978

Oil Purchaser

Mobil Oil

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	12½	8-5/8	26	340'		220	3% cc
Production		4½	9.5	3899'	60-40 poz	100	18% salt, 10#/sx gils, 3/4% CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	jets	3858-61'
			2	jets	3831-36'

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"		

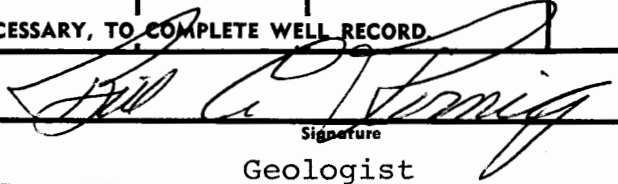
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal, 15% mud acid	3858-61'
1000 gal, 15% mud acid	3831-36'

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
	pump
RATE OF PRODUCTION PER 24 HOURS	Oil 20 bbls. Gas MCF -0- bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval(s) 3858-61' & 3831-36'

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.: Oil	
Well No. 1	Lease Name Klein		
S 19 T 6 S R 25 W SE SE SE, Graham County, Kansas			
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, (30' zone), 3711-25'; 30-30-30-30; rec 30' mud w/SSO; ISIP 1201; FSIP 1170; IFP 76-76; FFP 98-98.			Log Tops Heebner 3644 -1044 Toronto 3668 -1068 Lansing 3684 -1084 B/Ks City 3873 -1273 RTD 3900 -1300 LTD 3900 -1300
DST #2, 3731-58'; 30-30-30-30; rec 40' SCCM, ISIP 370; FSIP 63; IFP 21-21; FFP 21-21.			
DST #3 (140' zone), 3810-3838'; 30-30-60-60; Str blow; rec 744' GIP; 1178' CGO; 124' MCO; 62' VHO CM; 36 grav. ISIP 1233; FSIP 1222; IFP 131-282; FFP 349-544.			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Geologist Title April 28, 1978 Date		