

KANSAS DRILLERS LOG

State Geological Survey
WICHITA BRANCHAPI No. 15 — 007 — 20,663
County Number

Operator

National Oil Company

Address

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

Well No.

1

Lease Name

Forester

Footage Location

990 feet from (N) ~~XX~~ line 660 feet from ~~XX~~ (W) line

Principal Contractor

Graves Drilling

Geologist

Bob Douglas

Spud Date

October 4, 1978

Total Depth

4550

P.B.T.D.

Date Completed

October 13, 1978

Oil Purchaser

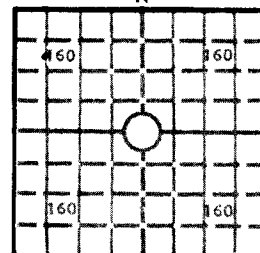
S. 34 T. 33S. 11W E
W

Loc. E/2 NW NW

County Barber

640 Acres

N



Locate well correctly

Elev.: Gr. 1388

DF KB 1399

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	28	219	Common	170	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			

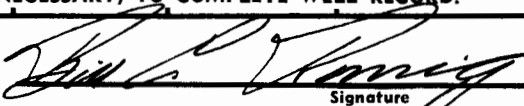
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

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	Gas	Water	Gas-oil ratio
	bbis.	MCF	bbis.	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 Forester		
S34 T 33SR11W ^E _W E/2 NW NW			
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, 4501-25'; 30-45-60-90; GTS at end of 60" in 2nd open, TSTM; Rec 117' GCM; IFP 29-49; FFP 49-78; ISIP 607; FSIP 754.			<u>Log Tops</u> Heebner 3572 -2178 Douglas 3617 -2218
DST #2, 4525-35'; 30-45-60-95; Wk blow incr to fr; Rec 15' GCM; IFP 20-20; FFP 20-20; ISIP 294; FSIP 549.			Lansing 3787 -2388 Kansas City 4084 -2685 B/KC 4318 -2919 Mississippi 4500 -3101
DST #3, 4535-50'; 30-45-60-90; Wk blow thruout; Rec 60' GCM; IFP 20-30; FFP 20-30; ISIP 127; FSIP 176; T 116 ^Q .			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature Bill C. Romig, Vice-President Title December 14, 1978 Date		

ROTARY DRILLERS' LOG

C-NW-NW

OPERATOR: National Oil Company
200 West Douglas - Suite 550
Wichita, Kansas 67202

DRILLING COMMENCED: October 4, 1978

CONTRACTOR: Graves Drilling Co., Inc.
910 Union Center
Wichita, Kansas 67202

DRILLING COMPLETED: October 13, 1978

CASING RECORD: 5 Jts. 219' of used 8-5/8"
cemented with 170 sacks

LOCATION: Forester No. 1
C NW NW
Section 34-33S-11W
Barber County, Kansas

0	-	826	Red Bed
826	-	2061	Shale and Lime
2061	-	2714	Lime and Shale
2714	-	2898	Shale
2898	-	3229	Shale and Lime
3229	-	4429	Lime and Shale
4429	-	4480	Shale and Lime
4480	-	4525	Lime and Chert
4525	-	4550	Lime
4550			Rotary Total Depth

I hereby certify the foregoing statements to be true and correct to the best of my knowledge.

GRAVES DRILLING CO., INC.

By Betty Brandt
Secretary-Treasurer