

**KANSAS DRILLERS LOG**

State Geological Survey

WICHITA, BRANCH

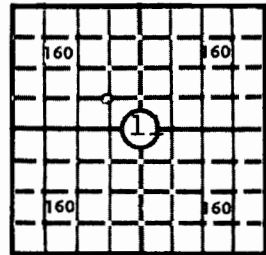
API No. 15 — 083 — 20,464  
 County Number

S. 11 T. 21S R. 25W<sup>E</sup><sub>W</sub>

Loc. C SE NW

County Hodgeman

640 Acres  
N



Locate well correctly

Elev.: Gr. 2307

DF 2310 KB 2312

Operator  
National Oil Company

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

Well No. 1 Lease Name Grass "B"

Footage Location  
1980 feet from (N) line 1980 feet from (W) line

Principal Contractor H-30, Inc. Geologist Bill Sladek

Spud Date April 6, 1976 Total Depth 4438' P.B.T.D.

Date Completed April 16, 1976 Oil Purchaser Koch Oil Co.

**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	28	284	Common	225	2% gel, 3% cc
Production		5-1/2	14	4438	60-40 Pos	125	

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
<b>TUBING RECORD</b>			2		4433-37'
			2		4439-42'
Size	Setting depth	Packer set at			
2-3/8"	4436'				

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
750 gal 15%; 750 gal 5%	4433-42'

**INITIAL PRODUCTION**

Date of first production Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS	Oil 34 bbls.	Gas MCF	Water	Gas-oil ratio
Disposition of gas (vented, used on lease or sold)	Producing interval (s) 4433-44'			

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

Grass "B"

S 11 T 21 S R 25 W E

C SE 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, 4397-4438'; 30-30-60-60; Steady blow; Rec 75' HOCM; IFP 61-82; FFP 82-102; FSIP 1244; FSIP 1294.			Log Tops	
			B/Anhydrite	1604 +708
			Heebner	3745 -1433
			Toronto	3762 -1450
			Lansing	3787 -1475
			B/Ks. City	4172 -1860
			Marmaton	4204 -1892
			Pawnee	4277 -1965
			Ft. Scott	4318 -2006
			Cherokee	4343 -2031
			Miss Lmstn	4423 -2111
			Miss Dolo	4431 -2119

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

Date Received

*RB Jenkins*  
Signature

Exploration Manager

Title

July 15, 1976

Date

State Geological Survey  
WICHITA, BRANCH

API - 15-083-20,464

KANSAS GEOLOGICAL SOCIETY  
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU  
KANSAS GEOLOGICAL SOCIETY BUILDING  
508 EAST MURDOCK - WICHITA, KANSAS

COMPANY **The National Oil Company**  
FARM **Grass "B"** NO. **1**

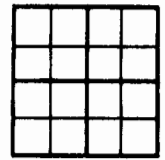
SEC. **11 T. 21S R. 25W**  
LOC. **C-3E-NW**

MAR 17 1976

TOTAL DEPTH **4,438'**  
COMM. **April 6, 1976**  
SHOT OR TREATED  
CONTRACTOR **H-30, INC.**  
ISSUED **April 21, 1976**

COMP. **April 16, 1976**

COUNTY **Hodgeman**  
KANSAS



CASING  
20 10  
15 8 5/8" 284' cemented w/225 sxs cement ELEVATION **2,312'KB**  
12 6  
13 5 1/2" 4,435' cemented w/125 sxs cement PRODUCTION  
DV Tool @ 1,586' w/275 sxs cement  
FIGURES INDICATE BOTTOM OF FORMATIONS

Clay and Shale 291'  
Shale 962'  
Shale and Sand 1,566'  
Anhydrite 1,616'  
Shale 1,701'  
Red Bed and Shale 2,230'  
Shale 2,615'  
Lime and Shale 3,143'  
Shale and Lime 3,276'  
Lime 4,438'  
Rotary Total Depth 4,438'

I hereby certify the above and foregoing to be  
a true and correct log of the above described well  
as shown by the drilling reports.

H-30, INC.

*Dean Britting*  
\_\_\_\_\_  
Dean Britting

MAR 17 1976

State of Kansas }  
County of Sedgwick } ss:

Subscribed and Sworn to before me a Notary Public  
in and for said county and state this 21st day of April,



*Ebie Willison*  
\_\_\_\_\_  
Ebie Willison - Notary Public