

KANSAS DRILLERS LOG

State Geological Survey
WICHITA BRANCH

API No. 15 - 007 - 20366
County Number

S. 19 T. 31S R. 14W E
W
Loc. 100' W of NW NW NE
County Barber

Operator
National Oil Company

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

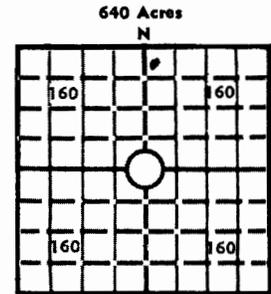
Well No. 1 Lease Name Shaft

Footage Location
330 feet from (N) line 230 feet from (W) line

Principal Contractor H-30, Inc. Geologist Jay Dirks

Spud Date February 7, 1976 Total Depth 4704' P.B.T.D.

Date Completed February 21, 1976 Oil Purchaser



Locate well correctly
Elev.: Gr. 1779
DF 1781 KB 1784

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		13-3/8		116'		175	
Surface		8-5/8		848'		450	

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
	bbls.	MCF	bbls.	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
Shaft

S 19 T 31 S R 14 W 100' W of NW NW NE

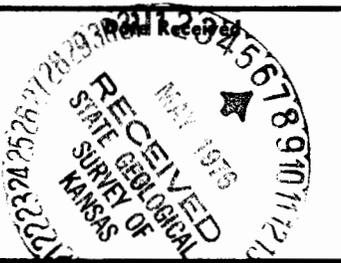
WELL LOG

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, 4538-45'; 30-45-45-60; Str blow; GTS in 5", 15" gauge 416 MCF, 25" gauge 98 MCF; 2nd opening 5" gauge 220 MCF dec to 45" gauge 20 MCF; Rec 10' SMGO, 124' MGO 6% wtr, 20% mud, 62' HMC GO 8% wtr, 35% mud; FP 62-72; SIP 603-426; T 124°.			Log Tops	
			Cottonwood	2604 -820
			Indian Cave	3882 -1099
			Wabaunsee	2922 -1138
			Langdon	2949 -1165
			Heebner	3774 -1990
			Toronto	3792 -2008
DST #2, 4596-4615'; 30-30-30-30; Wk blow 20"; Rec 20' M; SIP 41-31; FP 20-24; T 121°.			Douglas	3814 -2030
			Lansing	3951 -2167
			Marmaton	4406 -2622
DST #3, 4634-70'; 30-45-45-60; Fr blow; Rec 558' GIP, 70' SO&GCM; ISIP 925; FSIP 945; FP 31-66; T 124°.			Conglomerate	4472 -2688
			Viola	4540 -2756
			Simpson	4669 -2885
DST #4, 3670-4704'; 30-30-45-60; Str blow; Rec 160' GIP, 1110' wtr; FP 67-520; SIP 1201-1200; T 134°.				

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



Bill C. Torrey
Signature

Geologist
Title

April 29, 1976
Date

COMPANY **The National Oil Company**

SEC. **19** T. **31S** R. **14W**

FARM **Shaft**

NO. **1**

LOC. **NW NW NE**

TOTAL DEPTH **4,704'**

COUNTY **Barber**
KANSAS

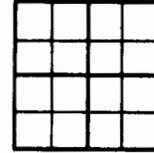
COMM. **February 7, 1976**

COMP. **February 21, 1976**

SHOT OR TREATED

CONTRACTOR **H-30, INC.**

ISSUED **February 25, 1976**



CASING

20	10		
15	8	5/8" 848' cemented w/450 sxs cement	ELEVATION 1,784'KB
12	6		
13	5	3/8" 116' cemented w/175 sxs cement	

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Red Bed and Shale	400'
Shale and Sand	660'
Anhydrite	670'
Shale	844'
Shale and Red Bed	1,465'
Shale w/ lime streaks	1,860'
Lime and Shale	3,830'
Lime	4,615'
Lime and Chert	4,670'
Sand and Shale	4,704'
Rotary Total Depth	4,704'

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

State of Kansas }
County of Sedgwick } ss:



Subscribed and Sworn to before me a Notary Public in and for said county and state this 25th day of February, 1976.



Elisabeth Willison
Elisabeth Willison - Notary Public