

KANSAS DRILLERS LOG

API No. 15 — 135 — 21,358  
County Number

S. 23 T. 16S R. 22W  
50'N & 30'E of  
Loc. SE NW SE  
County Ness

Operator  
National Oil Company

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

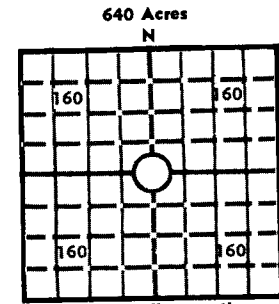
Well No. 1 Lease Name Sauier

Footage Location  
1700 feet from (N) (S) line 1620 feet from (E) (W) line

Principal Contractor H-30, Inc. Geologist Benny Singleton

Spud Date September 27, 1977 Total Depth 4415 P.B.T.D. 4375

Date Completed October 5, 1977 Oil Purchaser Clear Creek



640 Acres  
N  
Elev.: Gr. 2361  
DF 2364 KB 2366

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		8-5/8		237		175	
Production		5 1/2	15 1/2	4413	Howco Lite 60-40 Poz	200 100	18% salt, 10#/sx gils

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			8	DP Jets	4325-27'

Size	Setting depth	Packer set at
2-7/8		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production November 7, 1977 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil <u>80</u> bbls.	Gas <u>-0-</u> MCF	Water <u>-0-</u> bbls.	Gas-oil ratio	CFPB
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Disposition of gas (vented, used on lease or sold) N/A Producing interval(s) 4325-27'

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 Squier

S 23 T 16 S R 22 W E 50' N & 30' E of SE NW SE

**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, 4312-52; 30-30-60-45; Str blow thruout; Rec 1230' fluid of which 870' GO, 330, GMO, 30' wtr; IBHP 1153; FBHP 1131; IFP 92-311; FFP 334-551; T 120°, 37 grav @ 62°.			Log Tops	
			Heebner	3766 -1400
			Lansing	3806 -1440
			B/Kansas City	4070 -1704
			Pawnee	4168 -1802
DST #2, 4373-85'; 30-30-30-30; Wk blow thruout; Rec 90' MW; IFP 45-45; ISIP 1162; FFP 57-68; FSIP 1090; T 120°.			Ft. Scott	4267 -1901
			Cherokee	4275 -1911
			Cherokee Sd.	4324 -1958
			Mississippi	4364 -1998
			RTD	4415 -2049
			LTD	4413 -2047

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

Date Received \_\_\_\_\_  
 Signature Bill P. Fleming  
 Title Geologist  
 Date December 20, 1977