

KANSAS DRILLERS LOG

S. 36 T. 7 R. 23
 W
 Loc. SW SW SE
 County Graham

API No. 15 — 065 — 20,650
 County Number

Operator
National Oil Co.

Address 200 West Douglas
Wichita, Kansas 67202

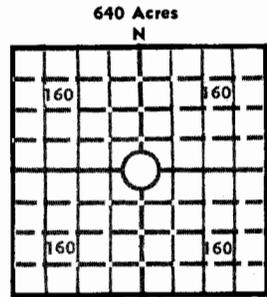
Well No. #1 Lease Name Hedge

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

Principal Contractor John O. Farmer Geologist Steve Powell

Spud Date 1-26-74 Total Depth 3745 P.B.T.D.

Date Completed 2-4-74 Oil Purchaser



Elev.: Gr. 2248
 DF _____ KB 2253

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
		8-5/8"		202'		150	

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 bbis.	Gas MCF	Water bbis.	Gas-oil ratio	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 an 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

Hedge

S 36 T 7 S R 23 E W

SW SW 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, 3508-34; 30-30-30-30; Rec. 150' mud w/spks dead oil; FP's 96-104; SIP's 930-952; Temp 108°				
DST #2, 3575-3600'; 30-45-60-60; Rec. 60' mud; 60' wtry mud; 120' mdy wtr; FP 23-110; SIP's 1147-1134; Temp 109°			Electric Log	Tops
DST #3, 3626-3655'; 30-30-30-30; Rec. 45' mud with scum oil; FP's 28-39; SIP's 799-482; Temp 109°			Topeka	3312 -1059
			Heebner	3470 -1217
DST #4, 3655-3685; 30-30-30-30; Rec. 5' clear oil; 5' OCM; FP 31-39; SIP 134-86; Temp 110°			Toronto	3494 -1241
			Lansing	3510 -1257
			B/KC	3711 -1458
DST #5, 3685-3720'; 30-30-30-30; Rec. 20' mud with spks dead oil; FP 39-47; SIP 545-276; Temp 110°			RTD	3745 -1492
			LTD	3740 -1487

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

Date Received



Arden Ratzlaff
Arden Ratzlaff Signature

Kansas Exploration Manager

Title

Date