

KANSAS DRILLERS LOG

API No. 15 —————

County

Number

Operator

Northern Natural Gas Co.

Address

Box 872, Woodward, OK 73801

Well No.

1-34

Lease Name

Gabbart Trust

Footage Location

1250 feet from (M) (S) line

1250

feet from (E) (W) line

Principal Contractor

Rine Drllg. Co.

Geologist

Bill Little

Spud Date

5 - 1 - 77

Total Depth

6032'

P.B.T.D.

5991'

Date Completed

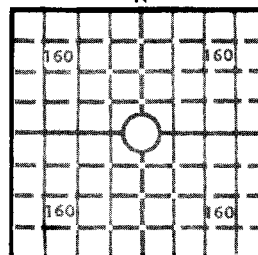
10 - 4 - 77

Oil Purchaser

S. 34 T. 34S R. 24 ^WSE, c SE

Loc. SE 1/4 76

County Clark

640 Acres
N

Locate well correctly

Elev.: Gr. 1920

DF 1929 KB 1931

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
Conductor	-	20"	-	133'	Common	440	2% Chloride
Surface	17 1/4	8 5/8	24	704	Liteweight	275	3% CaCl
					Common	150	3% CaCl
Production	7 7/8	4 1/2"	11.60	6032	50-50 PO ₂	250	18% salt

LINER RECORD**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None					
TUBING RECORD					
Size	Setting depth	Packer set at			
None					

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal. Acid	5952 - 5690
750 gal. acid, 9000 gal. Ref. acid w/ 15000 gal. gel water	5705 - 5711
500 gal. acid, include w/ above 9000 gal.	5621 - 5625

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
No commerical prod.					
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 Northern Natural Gas Co.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1-34	Lease Name Gabbart Trust	dry hole
S 34 T 34 S R 24 W		

WELL LOG			SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.				
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Base		4290		
Heebner shale				
Lansing Kansas City	4475			
Marmaton	5137			
Cherokee	5314			
Morrow Shale	5585			
Chester	5606			
St. Gen.	5989			
Logs run:				
Welex Microseismogram			5100	5993
Shlumberger				
Dual Induction - Laterolog			705	6034
Compensated Neutron				
density log.			705	6026
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				

Date Received	Signature Charles W. Michael Production Supt. Title January 10, 1978 Date
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