State Geological Survey
WICHITA BRANCH

IMPORTANT
Kans. Geo. Survey request samples on this well.

15-119-20315
17-35-30W

KANSAS DRILLERS LOG

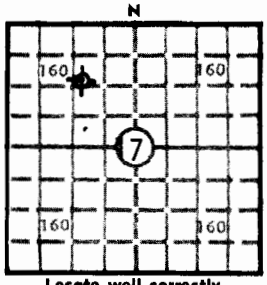
S. 17 T. 35 R. 30 E/W

API No. 15 — 119 (County) — 20,315 (Number)

Loc. 1275' FNL & 1435' FWL

County Meade

640 Acres



Locate well correctly

Operator
Northern Natural Gas Co.

Address
P. O. Box 35288 Tulsa, Okla 74135

Well No.	Lease Name
#1-17	Adams

Footage Location
1275 feet from (N) (S) line 1435 feet from (E) (W) line

Principal Contractor	Geologist	
Rine Drilling		
Spud Date	**Total Depth**	**P.B.T.D.**
6/21/78	6520'	
Date Completed	**Oil Purchaser**	
7/8/78		

Elev.: Gr. 2466'

DF 2475' KB 2478'

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	12¼"	8-5/8"	24#	1440'	Common Class H	150 550	3% CC, ¼# Flocele 2% CC, ¼# Flocele

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

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, Konsas 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	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Northern Natural Gas Company	Dry Hole

Well No.	Lease Name
1-17	Adams

S 17 T 35S R 30 E/W

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
Surface	0	125		
Red bed & sand	125	811		
Red bed, gypsum, anhydrite & sand	811	1312		
Anhydrite & sand	1312	1445		
Red bed & shale	1445	2140		
Shale	2140	2537		
Dolomite	2537	2738		
Shale	2738	3047		
Dolomite	3047	3220		
Lime & shale	3220	3395		
Shale	3395	3627		
Lime & shale	3627	4880		
Shale & sand	4880	5035		
Lime & shale	5035	6520		

GO Wireline Services Ran: Dual Induction - Laterolog
Compensated Density Compensated Neutron Log
Analysis Induction Density Log
Complex Lithology Log

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

Date Received

Signature

Director of Production & Engineering
Title

July 28, 1978
Date