

WICHITA, BRANCH

API No. 15 — 159 — 20,527  
County Number

S. 35 T. 19 R. 8 W  
Loc. 1900' WEL & 2590' SNL  
SE SW NE  
County Rice

Operator  
Northern Natural Gas Company

Address  
Box 88 Lyons, Kansas

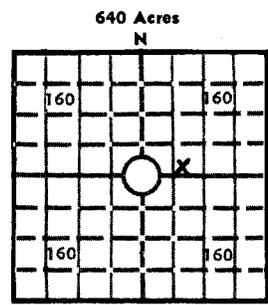
Well No. #35-03 Lease Name Pulliam

Footage Location  
2590 feet from (16) line 1900 feet from (E) line

Principal Contractor GRAVES DRILLING CO Geologist

Spud Date 1-26-75 Total Depth 3547 P.B.T.D. 3546

Date Completed 3-25-75 Oil Purchaser



Elev.: Gr. 1722  
DF \_\_\_\_\_ KB 1732

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	12 1/4"	8 5/8"	23#	1113	HALLIBURTON LIGHT COMMON	350 200	8% NaCl 3% CaCl
PRODUCTION	7 7/8"	5 1/2"	15.5#	3546	50-50 Pozmix	750	18% NaCl

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	.5" JET	3300-3320
TUBING RECORD			2	.5" JET	3330-3350
Size	Setting depth	Packer set at			
2 7/8"	3335	3323"			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1400 GAL. 15% HCL ACID w/2 SEALER BALLS/BBL	3300-3320' 3330-3350'

INITIAL PRODUCTION

Date of first production  
GAS STORAGE WELL

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 Commission, 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

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

GAS STORAGE WELL

RATHERN NATURAL GAS

No.

5-03

Lease Name

PULLIAM

35 T 19 R 8 

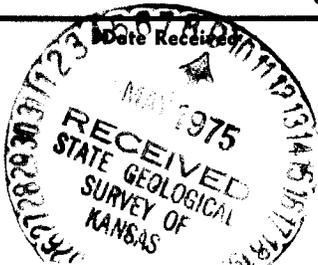
WELL LOG

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
HUTCHINSON SALT	780	1016	GR-N	0'-3547'
CHASE GROUP	1192	1509	DENSITY	1100'-3547'
COUNCIL GROVE GROUP	1533	1788	VELOCITY	1050'-3547'
TARKIO LM.	2060		MICRO-SEISMOGRAM	0-3547'
HOWARD LM.	2288		DIPMETER	3000-3547'
HEEBNER SH.	2676			
LANSING/K.C. GROUP	2843			
BASAL PENN. SH. + CONG.	3176			
VIOLA	3230			
SIMPSON GROUP	3243			
ARBUCKLE	3290			

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



Gary D. Wilson  
 Signature  
Project Engineer  
 Title  
4-15-75  
 Date