

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Building  
Wichita, Kansas 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

API NUMBER 15.145.20363.0000

LEASE NAME Prusa

WELL NUMBER # 1-18

SPOT LOCATION C W/2 SE/4

SEC. 18 TWP. 21 RGE. 17 (E) or (W)

COUNTY Pawnee

Date Well Completed \_\_\_\_\_

Plugging Commenced 9-24-84

Plugging Completed 10-1-84

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to Cons. Div.  
office within 30 days.

LEASE OPERATOR Belnorth - Intermitt - P.O. 20635288

ADDRESS Box 249, Woodward, Okla 73801 *Sulaw Okla*

PHONE # (405)-256-9525 OPERATORS LICENSE NO. 9632

Character of Well oil  
(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? Yes

Which KCC/KDHE Joint Office did you notify? 1

Is ACO-1 filed? \_\_\_\_\_ If not, is well log attached? With application

Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ bottom \_\_\_\_\_ T.D. 2145'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put in	Pulled out
				8-5/8"	837'	None
				4-1/2"	2145'	1,335.42'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used state, the character of same and depth placed, from feet to feet each set. Dumped sand to 1990' and 4 sacks cement. Shot casing at 1350'. Pulled 30 joints of 4-1/2" casing. Squeezed well with 2 sacks hulls, 10 sacks gel, 50 sacks cement, 10 sacks gel, 1 sack hulls, released plug and pumped 150 sacks 60/40 pozmix cement 2% added gel and 3% calcaim chloride. Maximum pressure was 350 psi and shut in 110 psi.

Name of Plugging Contractor Rockhold Engineering, Inc. License No. 5111  
Address Box 698, Great Bend, Ks. 67530

STATE OF Kansas COUNTY OF Barton

James W. Rockhold (employee of operator) or (operator) of above-described well, being first duly sworn on oath, says that I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) James W. Rockhold  
(Address) James W. Rockhold  
Box 698, Gt. Bend, Ks. 67530

SUBSCRIBED AND SWORN TO before me this 4th day of October, 1984

STATE NOTARY PUBLIC  
KANSAS  
IONA M. LEATHERMAN  
Barton County, Kansas  
My Appt. Exp. 9-26-87

My Commission expires: \_\_\_\_\_

STATE CORPORATION COMMISSION  
RECEIVED  
OCT 05 1984  
Wichita, Kansas

**KANSAS DRILLERS LOG**

**IMPORTANT**  
 Kans. Geol. Survey request  
 samples in this well.

S. 18 T. 21 R. 17 <sup>X</sup>/<sub>W</sub>  
 Loc. C S2  
 County Pawnee

API No. 15 — 145 — 20,363-0000  
County Number

Operator  
Northern Natural Gas Company

Address  
Post Office Box 35288, Tulsa, Oklahoma 74135

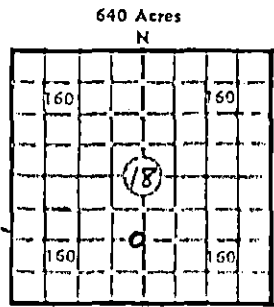
Well No. #1-18 Lease Name Prusa

Footage Location  
1320 feet from (N) (S) line 2590 feet from (E) (W) line

Principal Contractor Emphasis Oil Operations Geologist Bill Little

Spud Date January 29, 1975 Total Depth 2145 P.B.T.D. 2139

Date Completed February 26, 1975 Oil Purchaser Gas Well



Elev.: Gr. 2075  
 DF \_\_\_\_\_ KB 2080

**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"	24	837	50-50 Poz. Common	200 175	3% CaCl 2% Gel. 3% CaCl
Production	7-7/8"	4-1/2"	10.78	2144	50-50 Poz.	125	18% Salt & CFR

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None			2	Jet DP	2090-2098
			2	Jet DP	2110-2126

**TUBING RECORD**

Size	Setting depth	Packer set at			
2-3/8"	2137	None	2	Jet DP	2042-2050
			2	Jet DP	2061-2068

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
Acidize w/750 Gal. Gas Well Acid (HCL with Alcohol)	2090-2126
Acidize w/750 Gal. Gas Well Acid	2042-2068

**INITIAL PRODUCTION**

Date of first production Shut-in - wait on pipeline Producing method (flowing, pumping, gas lift, etc.) Flow on test

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	—	248 MCF bbls.	Mist	— CFPB

Disposition of gas (vented, used on lease or sold) Shut-in, wait on pipeline Producing interval(s) As perforated above

**RECEIVED**  
 STATE CORPORATION COMMISSION

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.

CONSERVATION DIVISION  
 Wichita, Kansas

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

Operator Northern Natural Gas Company

15-145-20363-0000

Well No. T-18

Lease Name Prusa

Gas

S 18 T 21 S R 17 XX  
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
Anhydrite	1083	1120		
Dolomite	2035	2086	Herington - Krider	
Dolomite	2086	2145	Winfield	
DST #1 Open tool w/strong blow, gas to surface in 7 min. Gas Rate 211 MCF/day. Tool open 60 min. closed in 60 min. Reopened 120 min. Gas Rate 300 MCF/day. Closed in 120 min. Recov. 221 ft. very thin drlg. mud. Pressures: IHH - 1169 psi IF - 110 " FF - 146 " ICIP - 621 " IF - 146 " FF - 183 " FCIP - 603 " FHH - 1123 "	2003	2145		

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

Date Received

*Charles W. Hickok*  
Signature

Production Superintendent

December 1, 1975

Title

Date

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STATE CORPORATION COMMISSION

AUG 30 1984

CONSERVATION DIVISION  
Wichita, Kansas