

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential. OBSERVATION

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR NORTHERN NATURAL GAS COMPANY #6878

API NO. 15-095-21325-0000

ADDRESS BOX 178

COUNTY KINGMAN

CUNNINGHAM KANSAS 67035

FIELD CUNNINGHAM

**CONTACT PERSON BEN HORSCH

PROD. FORMATION VIOLA

PHONE 316-257-5146

LEASE PATSY SHEPHERD

PURCHASER

WELL NO. 16-32D

ADDRESS

WELL LOCATION SEE BELOW

DRILLING SWEETMAN DRILLING COMPANY

2200 Ft. from SOUTH Line and

CONTRACTOR

100 Ft. from EAST Line of

ADDRESS ONE MAIN PLACE

the 16 SEC. 27 TWP. 10 RGE. WEST

WICHITA, KANSAS 67202

PLUGGING

RECEIVED STATE CORPORATION COMMISSION

CONTRACTOR

ADDRESS AUG 05 1983

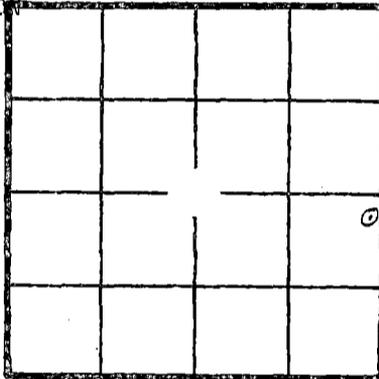
CONSERVATION DIVISION: Wichita, Kansas

TOTAL DEPTH 4585 Ft. KB PBD

SPUD DATE 3-28-83 DATE COMPLETED 4-12-83

ELEV: GR 1754 DF 1766 KB 12 FT.

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS



KCC [check] KGS [check] (Office Use)

Amount of surface pipe set and cemented 1450.35' KB DV Tool Used? YES

AFFIDAVIT

STATE OF Kansas, COUNTY OF Rice SS, I,

Jalayne D. Young OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Paul B. Horsch (FOR) (OF) Northern Natural Gas Co.

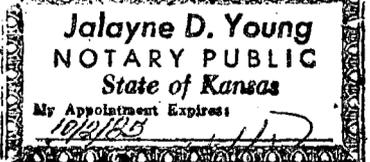
OPERATOR OF THE Patsy Shepherd LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 16-32D ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 12th DAY OF April, 1983, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT



(S) Paul B. Horsch

SUBSCRIBED AND SWORN BEFORE ME THIS 17th DAY OF August, 1983.

Jalayne D. Young NOTARY PUBLIC

MY COMMISSION EXPIRES: 10/21/85

**The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

SIDE TWO

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.	MEAS. DEPTH (BRS)	TOP TRUE VERT. DEPTH	BOTTOM TRUE VERT. ELEV. (SSG)	NAME	DEPTH
Well 16-32-D					
Hutchinson Salt	1027	1027	+739		
Topeka Lm.	3065	3010	-1244		
Heebner Sh.	3450	3356	-1590		
Lansing/Kansas City	3651	3536	-1770		
Pleasanton/Marmaton	4033	3876	-2110		
Mississippian	4201	4026	-2260		
Kinderhook	4281	4097	-2332		
Viola	4504	4299	-2533		
				NO CORES	
				NO DST'S	
				LOGS	
				GR-N	
				SONIC	
				DENSITY	
				I.E.S.	
				BOND	

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

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 PIPE	17 1/4"	13 3/8"	48	195' KB	Common	200	3% C.C. 1/4 LB/SK Flow SEAL.
SURFACE PIPE	12 1/4"	8 5/8"	24	1450' KB	50-50 Poz.	775	3% C.C. W/ 1/4 LB/SK Flow SEAL
PRODUCTION STRING	7 7/8"	5 1/2"	15.5	4580.62 123	LITE	875	10 LB GILSONITE, 6% HALIDE 9.18% SALT, .75% CFR-2 2.5% GEL

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4 SHOTS/FT.		4506 TO 4536

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 GAL. 15% HCL.	4506' TO 4536'

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
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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)

Perforations