

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.

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 F. G. HOLL

API NO. 15-047-21,023-0000

ADDRESS 6427 East Kellogg  
Wichita, Kansas 67207

COUNTY Edwards

FIELD EMBRY

\*\*CONTACT PERSON Elwyn H. Nagel  
PHONE (316) 684-8481

PROD. FORMATION Mississippi

LEASE LUNZ "A"

PURCHASER Northern Natural Gas Company

WELL NO. 3

ADDRESS 2223 Dodge Street  
Omaha, Nebraska 68102

WELL LOCATION

890 Ft. from South Line and

990 Ft. from West Line of

the SW/4 SEC. 21 TWP. 24S RGE. 16W

DRILLING Sterling Drilling Company

CONTRACTOR

ADDRESS P. O. Box 129

Sterling, Kansas 67579

WELL FLAT

PLUGGING N.A.

CONTRACTOR

ADDRESS

RECEIVED

STATE CORPORATION COMMISSION

AUG 09 1982

CONSERVATION DIVISION  
Wichita, Kansas

	21		
*			

KCC  
KGS  
(Office Use)

TOTAL DEPTH 4435 PBDT

SPUD DATE 3-23-82 DATE COMPLETED 3-29-82

ELEV: GR 2077 DF 2083 KB 2086

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

Amount of surface pipe set and cemented 248' DV Tool Used? NO

AFFIDAVIT

STATE OF KANSAS, COUNTY OF SEDGWICK SS, I,

Elwyn H. Nagel OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Geologist (FOR) F. G. HOLL

OPERATOR OF THE LUNZ "A" LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 3-21 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 30th DAY OF April, 1982, AND THAT

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

FURTHER AFFIANT SAITH NOT.

SUBSCRIBED AND SWORN BEFORE ME THIS 9th DAY OF August, 1982

(s) Elwyn H. Nagel  
Elwyn H. Nagel, Geologist

Mary D. Slagle  
NOTARY PUBLIC

MARY D. SLAGLE  
STATE NOTARY PUBLIC  
Sedgwick County, Kansas  
My Appt. Exp. 10/30/82

MY COMMISSION EXPIRES:

\*\*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 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
Surface Soil and Sand	0	120		
Shale	120	263		
Shale, Sand and Red Beds	263	690		
Shale	690	1087	Heebner	3704
Anhydrite	1087	1102	Brown Lime	3842
Shale and Lime Stringer	1102	1785	Lansing KC	3853
Lime and Shale	1785	4435	Base KC	4093
			Cherokee Sh	4246
			Cherokee Ss	
			Conglomerate	
			Conglomerate Ch	
			Mississippi	4273
			Kinderhook Sh	4321
			Kinderhook Ss	4347
			Viola	4400
			Simpson Sh	
			Simpson Ss	
			Arbuckle	
			RTD	4435
			Elog TD	4436

**DRILL STEM TEST #1 (4264-4322)**  
 Strong blow on both opens with gas to surface in 3 minutes on 1st open  
 Recovered no fluid in pipe.  
 Pressures: IHP 2030 IEP 803-828 ISIP 1100  
 FHR 2006 FFP 834-830 FSIP 1084  
 Gauged 5,662,000 CFPD At end of Second opening

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

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		8 5/8	24	260	60/40 Pozmix	210	3% cc
PRODUCTION		4 1/2	10.5	4426	Lite	100	
					50/50 Pozmix	125	Regular

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
N.A.	N.A.	N.A.	4288-92		4288-92
					4290-94

**TUBING RECORD**

Size	Setting depth	Packer set at

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

Amount and kind of material used	Depth interval treated
1,000 gal acid 1,000 barrels salt water frac 10,000# 20-40	
10,000# 10-20 sand	4288-92 4290-94

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
August 1982	Flowing	N.A.

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
		4.585		N.A.

Disposition of gas (vented, used on lease or sold): **Sold**

Perforations: **4288-94**