

SIDE ONE

(Rules 82-3-130 and 82-3-107)

DOCKET NO. NP _____

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F Letter requesting confidentiality attached.

C Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run _____.

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

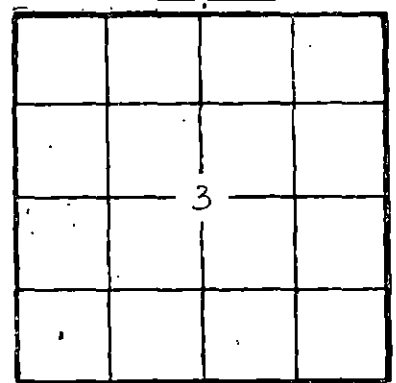
LICENSE # 6878 EXPIRATION DATE 6/30/84
OPERATOR Northern Natural Gas Prod. Company API NO. 15-189-20,648-00-00
ADDRESS P. O. Box 5444 COUNTY Stevens
Denver, CO 80217 FIELD Walkemeyer

** CONTACT PERSON C. J. Park, Prod. Acctg. Supv. PROD. FORMATION Morrow
PHONE 303/298-2696 Indicate if new pay.

PURCHASER Northern Natural Gas Company LEASE Jones #1 Unit
ADDRESS 2223 Dodge Street WELL NO. 3
Omaha, Nebraska 68102 WELL LOCATION SW SW

DRILLING Lanex, Inc. 660 Ft. from South Line and
CONTRACTOR Lakepoint Tower West 660 Ft. from West Line of
ADDRESS 4013 N.W. Expressway, Suite 610 the SW (Qtr.) SEC 3 TWP 33S RGE 36W (W)
Oklahoma City, OK 73116

PLUGGING
CONTRACTOR
ADDRESS



(Office Use Only)
KCC [checked]
KGS [checked]
SWD/REP
PLG.
NGPA

TOTAL DEPTH 6400' PBD 6356'
SPUD DATE 4/3/83 DATE COMPLETED 1/18/84
ELEV: GR 3021' DF 3037.4' KB 3038.4'

DRILLED WITH (CORING) (ROTARY) (AIR) TOOLS.
DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-117,710 (C-19,203)
Amount of surface pipe set and cemented 1753.50' DV Tool Used? No

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWWO, indicate type of re-completion. Other completion. NGPA filing

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

C. J. Park AFFIDAVIT

..., being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

[Signature] (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 3rd day of February, 1984.

[Signature] (NOTARY PUBLIC)

MY COMMISSION EXPIRES: 11-28-84

RECEIVED STATE CORPORATION COMMISSION FEB 09 1984 CONSERVATION DIVISION Wichita, Kansas

** The person who can be reached by phone regarding any questions concerning this information.

Side TWO OPERATOR Northern Natural Gas Prod. LEASE NAME Jones #1 Ut. SEC3 TWP 33S RGE36W (W)

WELL NO 3

FILL IN WELL INFORMATION AS REQUIRED:

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
Check if no Drill Stem Tests Run. <input checked="" type="checkbox"/> Check if samples sent Geological Survey.				
			Chase	2583
			Council Grove	2921
			Heebner	4124
			Lansing	4268
			Kansas City	4423
			Marmaton	4976
			Cherokee	5375
			Morrow	5708
			Chester	6053
			St. Genevieve	6274

If additional space is needed use Page 2

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
Surface	12 1/4"	9 5/8"	36#	1753.50'	Class H	400	2% gel + 3% CaCl ₂
					Class H	100	3% CaCl ₂
Production	9 5/8"	5 1/2"	17#	6400'	Class H	400	10% salt+2% defoamer
					50/50 Poz	450	10% salt
							+ 1/2# glocele/sk.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		5978-5984
TUBING RECORD					5988-5993
					5996-5999
Size	Setting depth	Packer set at			6017-6044
2 3/8"		5929			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
See attached sheet for description of frac procedure.	5978-5984
	5988-5993
	5996-5999
	6017-6044

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity			
Awaiting pipeline connection	Estimated	Gas	Water	Gas-oil ratio	
Production-I.P.	Oil	bbls.	MCF	%	CFPB
Disposition of gas (vented, used on lease or sold)			See above Perforations		
Awaiting pipeline connection					

OPERATOR Northern Natural Gas Prod. LEASE NAME Jones #1 Ut.

SEC. 3 TWP. 33S RGE. 36W

FILL IN WELL LOG AS REQUIRED: WELL NO. 3

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
<p><u>Frac procedure</u></p> <p>Howco RU to frac Morrow perms 5978'/5984', 5988'/5993', 5996'/5999', 6017'/6044'. Safety treating and test pumps and lines to 4000 psi. Frac w/80,000 gal. versa-gel using 92,000# 20/40 sd. Drop 22 ball sealers, 1 ball/bbl. The last 925 gal. of 2 ppg. Drop ball at 1360 psi. Balls on perms. Press to 1700# breaking back slowly to 1550 psi. Frac in, flushed w/6050 gal. 2% KCL water. ISIP 1350, 5 min. 1150, 15 min. 1050 psi. Max psi 1900, min. psi 1200, avg. psi 1450.</p>				