

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. \_\_\_\_\_

SIDE ONE

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

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 \_\_\_\_\_.

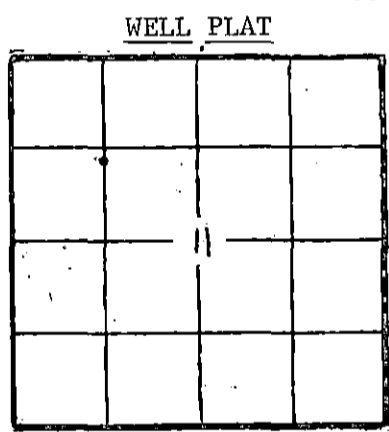
PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 6878 EXPIRATION DATE 6/30/83  
 OPERATOR Northern Natural Gas Prod. Company API NO. 15-189-20,629-00-00  
 ADDRESS P. O. Box 5444 COUNTY Stevens  
Denver, CO 80217 FIELD Panoma  
 \*\* CONTACT PERSON C. J. Park, Prod. Acctg. Supv. PROD. FORMATION Council Grove  
 PHONE 303/298-2696

PURCHASER Northern Natural Gas Company LEASE Lightcap No. 2 Farm  
 ADDRESS 2223 Dodge Street WELL NO. 3  
Omaha, Nebraska 68102 WELL LOCATION W/2

DRILLING Lanex, Inc. 1420 Ft. from North Line and  
 CONTRACTOR Lakepoint Tower West 1320 Ft. from West Line of  
 ADDRESS 4013 N.W. Expressway Suite 610 the (Qtr.) SEC 11 TWP 33S RGE 36W (W).  
Oklahoma City, OK 73116

PLUGGING \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_  
 ADDRESS \_\_\_\_\_



(Office Use Only)  
 KCC   
 KGS   
 SWD/REP \_\_\_\_\_  
 PLG. \_\_\_\_\_  
 NGPA \_\_\_\_\_

TOTAL DEPTH 3245' PBD 3205'  
 SPUD DATE 5/9/83 DATE COMPLETED 6/22/83  
 ELEV: GR 3020' DF \_\_\_\_\_ KB 3037'

DRILLED WITH ~~CABLE~~ (ROTARY) ~~TOOL~~ TOOLS.  
 DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE 82408-C

Amount of surface pipe set and cemented (C-13821) 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 BY THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

RECEIVED  
 STATE CORPORATION COMMISSION  
 AUG 05 1983

A F F I D A V I T

that: C. J. Park, being of lawful age, hereby certifies

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.

C. J. Park  
 (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 1<sup>ST</sup> day of August, 1983.

Judith A. Olsen  
 (NOTARY PUBLIC)

MY COMMISSION EXPIRES: 11-28-84

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

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Northern Natural Gas Prod. Co. LEASE Lightcap #2 Farm SEC. 11 TWP. 33S RGE. 36W

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 3

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>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.</p> <p><input checked="" type="checkbox"/> Check if no Drill Stem Tests Run.  <input type="checkbox"/> Check if samples sent to Geological Survey</p> <p>Driller's Log not available</p>				
			Wellington	2240
			Chase	2604
			Council Grove	2943
			Lansing	4235
			Marmaton	4998
			Morrow	5728
			Chester	6101
			St. Genevieve	6294
			T.D.	6494

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#	1764'	Class H Class H Howco Lite	550 180 600	12% gel & 3% CaCl <sub>2</sub> 3% CaCl <sub>2</sub> 1/4#/sk flocele+12.8/gal
Production	8 3/4"	5 1/2"	14#	3245'	Class H	150	1.84 ft. <sup>2</sup> /sk +10% salt + 1/4#/sk flocele @16.4#/gal. 1.08 ft. <sup>2</sup> /sk

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		2944-2946, 2949-2953, 2956-2958, 2963-2967, 2970-2974, 2979-2984, 2991-2993, 2995-2997, 3004-3007, 3011-3015, 3019-3023, 3029-3031

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	3031.17'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized down 5 1/2" casing with 5,292 gal. of L401 acid + additives w/114 ball sealers.	2944-3031

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

Estimated Pipeline Production - L.P.	Oil connection	Gas	Water %	Gas-oil ratio

Disposition of gas (vented, used on lease or sold)	Perforations
Awaiting pipeline connection	2944-3031