

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 _____

TOTAL DEPTH 3245' PBDT 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

WELL PLAT (Office Use Only)

KCC
 KGS
 SWD/REP _____
 PLG. _____
 NGPA

Amount of surface pipe set and cemented (C-13821) 1764' 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.

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 1ST day of August, 1983.

Judith H. Olsen
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: 11-28-84

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

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

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 3

Show all important zones of porosity and contain flowof; cased 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
II Check if no Drill Stem Tests Run. Check if samples sent to Geological Survey Driller's Log not available			Wellington Chase Council Grove Lansing Marmaton Morrow Chester St. Genevieve T.D.	2240 2604 2943 4235 4998 5728 6101 6294 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 ₂ 3% CaCl ₂ 1/2#/sk flocele+12.8/
Production	8 3/4"	5 1/2"	14#	3245'	Class H	150	1.84 ft. ² /sk +10% salt + 1/2#/sk flocel @16.4#/gal. 1.08 fr 2/sk

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			2	shots/ft.	2944-2946, 2949-2953, 2956-2958, 2963-2967, 2970-2974, 2979-2984, 2991-2993, 2995-2997, 3004-3007, 3011-3015, 3019-3023, 3029-3031
Size	Setting depth	Porter set at			
2 3/8"	3031.17'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used

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 connection Production - I.P.

Gas

Water %

Gas-oil ratio

Disposition of gas (vented, used as lease or sold)

Perforations

2944-3031

Awaiting pipeline connection