

AMENDED REPORT

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Compt. _____

(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. Co. API NO. 15-189-20,638-00-00
ADDRESS P. O. Box 5444 COUNTY Stevens
Denver, CO 80217 FIELD Walkmeyer

** 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 Thomas T. Holt Unit
ADDRESS 2223 Dodge Street WELL NO. 2
Omaha, Nebraska 68102 WELL LOCATION C W/2

DRILLING CONTRACTOR Lanex Drilling Company, Inc. 2640ft. from North Line and
ADDRESS P. O. Box 94324 1320ft. from West Line of
Oklahoma City, OK 73143 the (Qtr.) SEC 10 TWP 33 S RGE 36 (W).

PLUGGING -
CONTRACTOR
ADDRESS

WELL PLAT (Office Use Only)
KCC
KGS
SWD/REP
PLG.
NGPA

TOTAL DEPTH 6380' PBTD 6214'
SPUD DATE 1/12/83 DATE COMPLETED 4/19/83
ELEV: GR 3024' DF KB 3040'

DRILLED WITH ~~(CORING)~~ (ROTARY) ~~(SDB)~~ TOOLS.
DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-117710
C-19,203

Amount of surface pipe set and cemented 1734' 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

C. J. Park, 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.

SUBSCRIBED AND SWORN TO BEFORE ME this 6th day of October, 1983.

MY COMMISSION EXPIRES: 11-28-84

Judith R. Olsen (NOTARY PUBLIC)
RECEIVED STATE CORPORATION COMMISSION NOV 7 1983 CONSERVATION DIVISION Wichita, Kansas

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

Side TWO OPERATOR Northern Natural Gas Prod. LEASE NAME Thomas T. Holt SEC 10 TWP 33S RGE36W (W)

WELL NO 2

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 |
|---|--|--------|---------------|-------|
| X Check if no Drill Stem Tests Run. Check if samples sent Geological Survey. | | | Wellington | 2238 |
| | | | Chase | 2603 |
| | | | Council Grove | 2952 |
| | | | Admire | 3398 |
| | | | Wabaunsee | 3429 |
| | | | Topeka | 3802 |
| | | | Lansing | 4252 |
| | | | Marmaton | 5049 |
| | | | Cherokee | 5259 |
| | | | Atoka | 5749 |
| | | | Morrow | 5788 |
| | | | Chester | 6202 |
| | | | TD | 6380 |
| | If additional space is needed use Page 2 | | | |

| Report of all strings set — surface, intermediate, production, etc. | | | | | | | |
|---|-------------------|---------------------------|---|---------------------------|--------------|---|---|
| CASING RECORD (New) or REACK) | | | | | | | |
| 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# | 1734' | Lite Class H | 550 200 | 12% gel, 3% CaCl ₂ 3% CaCl ₂ |
| Production | 8 3/4" | 5 1/2" | 14# | 6380 | Class H | 320 | 10% salt + 1/2# sk. |
| | | | | | 50-50 poz | 410 | defoamer 10% salt + 1/2#sk. |
| | | | | | | | flo-seal |
| LINER RECORD | | | | PERFORATION RECORD | | | |
| Top, ft. | Bottom, ft. | Sacks cement | | Shots per ft. | Size & type | Depth interval | |
| | | | | | | 6100-6105, 6108-6119 | |
| TUBING RECORD | | | | | | 6144-6147, 6149-6162 | |
| Size | Setting depth | Packer set at | | | | 6166-6173, 6186-6193 | |
| 2 7/8" | 6044' | | | | | 6197-6201 | |
| ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD | | | | | | | |
| Amount and kind of material used | | | | | | Depth interval treated | |
| Acidized down tbg. w/5M gals. MOD 101 + 5 gal. eq. HAI-75, C/A - Sta. II, FR Fld CS, TFR-24 w/75 ball sealers. BD 2400-1200 @ 12 1/2 BPM, max. 4500, min. 1800, final 4500 (ball action), ISIP 0, Air 11 3/4, BPM @ 2000 AIP. | | | | | | 6100-6105, 6108-6119, 6144-6147, 6149-6162, 6156-6173, 6186-6193, 6197-6201 | |
| Date of first production | | | Producing method (flowing, pumping, gas lift, etc.) | | | Gravity | |
| Estimated Production-I.P. | Oil | Gas | Water | Gas-oil ratio | | CFPP | |
| Disposition of gas (vented, used as lease or sold) | | bbbl. | MCF | % | bbbl. | | |
| (6100-6201) Perforations | | | | | | | |