

13-28-34W

21d

TYPE

AMENDED REPORT
AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

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 _____.

State Geological Survey
WICHITA BRANCH

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. 15-081-20,283

ADDRESS P. O. Box 5444 COUNTY Haskell

Denver, CO 80217 FIELD Eubank

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

PURCHASER Permian Corporation LEASE W. A. Freeman

ADDRESS 9810 E. 42nd, Suite 233 Koger Exec. Ctr WELL NO. 1

Tulsa, OK 74145 WELL LOCATION SE SW

DRILLING Lanex Drilling 660 Ft. from South Line and

CONTRACTOR Lakepoint Tower West 1980 Ft. from West Line of

ADDRESS 4013 N.W. Expressway Suite 610 the SW/4 (Qtr.) SEC 13 TWP 28S RGE 34W (W).

Oklahoma City, OK 73112 WELL PLAT _____ (Office Use Only)

PLUGGING - _____

CONTRACTOR _____

ADDRESS _____

TOTAL DEPTH 5627' PBSD 5516'

SPUD DATE 8/10/83 DATE COMPLETED 9/15/83

ELEV: GR 2992' DF _____ KB 3007'

DRILLED WITH (~~CABLE~~) (ROTARY) (~~API~~) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE 82408-C
(C-13821)

Amount of surface pipe set and cemented 1505' DV Tool Used? Yes

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 _____.

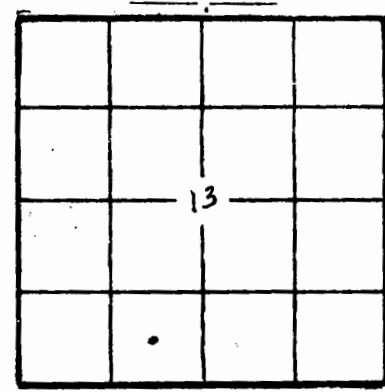
ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

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.



KCC _____
KGS ☒
SWD/REP _____
PLG. _____
NGPA _____

WHE-82-21

ACO-1 Well History

Side TWO OPERATOR Northern Natural Gas Prod. Co. LEASE NAME W. A. Freeman SEC 13 TWP 28S RGE 34W (W)

WELL NO 1

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.
☐ Check if samples sent Geological Survey.

| | |
|---------------|------|
| Heebner | 4050 |
| Toronto | 4076 |
| Lansing | 4152 |
| Kansas City | 4576 |
| Marmaton | 4672 |
| Morrow Shale | 5255 |
| Chester | 5380 |
| St. Genevieve | 5494 |
| St. Louis | 5520 |

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc.

CASING RECORD (New) or (REEX)

| 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# | 1905' | Class H Class H | 500 100 | 12% gel + 3% CaCl ₂ 3% CaCl ₂ |
| Production | 7 7/8" | 5 1/2" | 17# | 5627' | Class H Howco Lite | 425 325 | 10% NaCl + 1/2# sk. D-air 1 (65/35 poz) + 4% gel. |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|---------------|---------------|---------------|---------------|-------------|----------------|
| | | | 2 shots/ft. | U. Morrow | 5334-5338, |
| | | | | L. Morrow | 5351-5357 |
| TUBING RECORD | | | | | |
| Size | Setting depth | Packer set at | | | |
| 2 3/8" | 5252' | | | | |

SIDE TWO (Page Two)

Co.

ACO-1 WELL HISTORY

OPERATOR Northern Natural Gas Prod. LEASE NAME W. A. Freeman

SEC. 13 TWP. 28S RGE. 34W

X489
(W)

FILL IN WELL LOG AS REQUIRED: WELL NO. 1

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 Record:</u></p> <p>Frac (Lower Morrow Perfs) w/10M gal. M-T-oil diesel + 12 M# 20/40 sd. Fluid contained 80 gal. MO-55 + 30 gal. MO-56 + 250# silica flour + 250# MO-II + 500 # K-34 + 10 gal. C LA-STO + 10 gal. Hyflow IV.</p> <p>Frac (Upper Morrow perfs) with 10,000 gal. M-T-oil diesel + 5600# 20-40 sd. 80 gal. MO-55 + 30 gal. MO-56 activator + 250# silica flour + 250# MO-II + 500# K-34 + 10 gal. CLA-STA 0 + 10 gal. Hyflow.</p> | | | | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| | | | |
|--|---|------------------------|---------------|
| Amount and kind of material used | | Depth interval treated | |
| For frac record see attached sheet. | | 5334-5338 | |
| | | 5351-5357 | |
| | | | |
| Date of first production | Producing method (flowing, pumping, gas lift, etc.) | | |
| Estimated Production-I.P. | | Gravity | |
| Oil | Gas | Water | Gas-oil ratio |
| - | - | % | - |
| bbbls. | MCF | bbbls. | CFPS |
| Disposition of gas (vented, used on lease or sold) | | 5334-5338, 5351-5357 | |
| | | Perforations | |