

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

DOCKET NO. NP _____

(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 # 5140. EXPIRATION DATE June 30, 1984
 OPERATOR Frontier Oil Company API NO. 15-163-22,133 - 00-00
 ADDRESS 125 N. Market, Ste 1720 COUNTY Rooks
Wichita, Ks. 67202 FIELD Riffe Ext (1/8 N)
 ** CONTACT PERSON Jean Angle PROD. FORMATION N/A
 PHONE (316)263-1201 _____ Indicate if new pay.
 PURCHASER N/A LEASE Miller "A"
 ADDRESS _____ WELL NO. #1
 DRILLING Red Tiger Drilling Company WELL LOCATION SW SW SW
 CONTRACTOR _____ 330 Ft. from South Line and
 ADDRESS 125 N. Market, Ste 1720 330 Ft. from West Line of (E)
 _____ the SW (Qtr.) SEC 7 TWP7S RGE 17W(W).

PLUGGING N/A
 CONTRACTOR _____
 ADDRESS _____

WELL PLAT (Office Use Only)

| | | | |
|--|---|--|--|
| | | | |
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| | 7 | | |
| | | | |
| | | | |

KCC
 KGS
 SWD/REP _____
 PLG. _____
 NGPA _____

TOTAL DEPTH 3426' PBDT _____
 SPUD DATE 8-22-83 DATE COMPLETED 9-16-83
 ELEV: GR 1873 DF 1875 KB 1878
 DRILLED WITH ~~(XXXXX)~~ (ROTARY) ~~(XXX)~~ TOOLS.
 DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE N/A

Amount of surface pipe set and cemented 83.95' & 1327' DV Tool Used? No.

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OW@; 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.

RECEIVED
 STATE CORPORATION COMMISSION
 NOV 22 1983

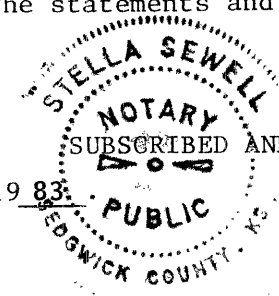
A F F I D A V I T

Jean Angle, 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.

Jean Angle (Name)
 SUBSCRIBED AND SWORN TO BEFORE ME this 17th day of November, 1983.
 (NOTARY PUBLIC)
 MY COMMISSION EXPIRES: June 24, 1984

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



Side TWO OPERATOR Frontier Oil Company LEASE NAME Miller "A" SEC 7 TWP 7S RGE 17W (E) (W)
 WELL NO _____

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 |
|--|-------|--------|-------------|--------------|
| <input type="checkbox"/> Check if no Drill Stem Tests Run. | | | | |
| <input checked="" type="checkbox"/> Check if samples sent Geological Survey. | | | | |
| Shale & Sand | -0- | 830 | Anhydrite | 1330 (+ 548) |
| Sand | 830 | 1040 | Brownville | 2517 (- 639) |
| Shale | 1040 | 1330 | Tarkio | 2644 (- 766) |
| Anhydrite | 1330 | 1366 | Topeka | 2820 (- 942) |
| Shale & Red Bed | 1366 | 1860 | Heebner | 3036 (-1158) |
| Shale | 1860 | 2130 | Toronto | 3058 (-1180) |
| Shale & Red Bed | 2130 | 2387 | Lansing-KC | 3078 (-1200) |
| Shale | 2387 | 2565 | Base-KC | 3306 (-1428) |
| Shale & Lime | 2565 | 2870 | Marmaton | 3340 (-1462) |
| Lime | 2870 | 3406 | Simpson Dol | 3394 (-1516) |
| Chert | 3406 | 3408 | Arbuckle | 3404 (-1526) |
| RTD | 3408. | | RTD | 3408 (-1530) |
| | | | CTTD | 3426 (-1548) |
| DST 1 (2831-2870) 60-30-60-30 Rec 70' MW IF 45-68, FF 68-68, ISI 979 FSI 946 | | | | |
| DST 2 (3165-3312) 60-30-60-30 Rec 150' VSOSM. IF 45-56, FF 68-68, ISI 957, FSI 868. | | | | |
| DST 3 (3304-3394) 60-30-60-30 Rec 930' MSW IF 45-284, FF 306-397, ISI 1155 FSI 1122. | | | | |
| DST 4 (3396-3405) 30-30-15-30 Rec 240' M, 60' OSM, FO in tst tool. IF 147-147 FF 193-193, ISI 1067. No FSI recorded. (continued)... | | | | |
| 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 | 17½" | 13-3/8" | 60 lbs | 91' | Common | 130 | 2% gel, 3% cc |
| Surface | 12¾" | 8-5/8" | 24 lbs | 1334 | 60 - 40 poz | 600 | 2% gel, 3% cc |
| Production | 7-7/8" | 5½" | 15½ lb | 3405' | Common | 150 | 10% Salt |

| LINER RECORD | | | PERFORATION RECORD | | |
|---------------|---------------|---------------|--------------------|-------------|----------------|
| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
| N/A | | | | | |
| TUBING RECORD | | | | | |
| Size | Setting depth | Packer set at | | | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| | |
| | |
| | |

| | | | | | |
|--|---|-----|-------|---------|------|
| Date of first production | Producing method (flowing, pumping, gas lift, etc.) | | | | |
| Estimated Production-I.P. | Oil | Gas | Water | Gravity | |
| Disposition of gas (vented, used on lease or sold) | bbls. | MCF | % | bbls. | CFPB |

Perforations

15-163-22133-00-00

ACO-1 WELL HISTORY

PAGE TWO (Side One)

OPERATOR Frontier Oil Company

LEASE NAME Miller "A"

SEC. 7 TWP. 7S RGE. 17W

(E)
(W)

FILL IN WELL LOG AS REQUIRED: WELL NO.1

SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

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.

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
|---|-----|--------|------|-------|
| DST 5 (3350-3405) 60-30-60-30 Rec 2' FO, 10' OCM, 120' OSM IF 45-79, FF 79-79, ISI 712 FSI 734. | | | | |
| DST 6 (3351-3406) 30-30-30-30 Rec 10' OCM 60' OSM IF 34-34, FF 34-34, ISI 756 FSI 734. | | | | |
| DST 7 (3351-3408) 30-30-30-30 Rec 70' OSM IF 68-68 FF 79-79 ISI 678, FSI 734. | | | | |
| RTD 3408' | | | | |

RECEIVED
STATE CORPORATION COMMISSION
NOV 22 1983
CONSERVATION DIVISION
Wichita, Kansas

INSTRUCTIONS FOR FILING ACO-1 WELL HISTORY FORMS

When to File - Number of Copies

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

ACO-1 Well history forms are required on all wells, regardless of how completed. (Rule 82-3-130)

PRODUCING AND TEMPORARILY ABANDONED WELLS:
(File 2 copies)

OIL WELLS: An oil well shall be considered completed when the first new oil is produced through well head equipment into lease tanks from the producing interval after the production string has been run. For information regarding oil wells, contact Tom Leiker or Elisabeth Wannow.

GAS WELLS: A gas well shall be considered completed when the well is capable of producing gas through well head equipment from the producing zone after the production string has been run. Shut-in gas wells also require 2 copies. For information regarding gas wells, contact Richard Smith or Jim Hemmen.

TEMPORARILY ABANDONED WELLS: For information, contact Duane Rankin.

ACO-1 WELL HISTORY FORMS WITH APPLICATIONS:

PLUGGING: File 3 (THREE) copies. A dry hole shall be considered completed when all provisions of plugging are complied with. ACO-1 should be filed with one copy each of form CP-1 and CP-4. For information regarding plugging, contact Allaweas Winfrey (western range) or Diana Crockett (eastern range).

SALT WATER DISPOSAL and INJECTION: File 4 (FOUR) copies. These should be sent with two copies of form U-1. For information regarding SWD or injection wells, contact Lu VonFeldt.

NGPA: File 4 (FOUR) copies. These should be filed with one original and two copies of NGPA application forms. For information, contact Becky Norris or Bob Tilton.

REQUESTING CONFIDENTIALITY:

Only 1 (ONE) copy of the ACO-1 should be filed with a letter attached for each well on which information is to be held confidential. ALL of the information should be completed on the form. Only information on Side One will be of public record. Side Two will be held confidential. On wells which are Docketed, confidentiality is waived. Plugging forms CP-1 and CP-4 cannot be held confidential.

To order additional forms or request information, call (316) 263-3238.

PLEASE KEEP THIS SHEET FOR REFERENCE.