

6-23-82
21-16-17W

CONFIDENTIAL

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

State Geological Survey
WICHITA BRANCH

TYPE

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

X Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

X Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

AUG 31 1982

LICENSE # 5140 EXPIRATION DATE 6-30-83

OPERATOR Froniter Oil Company API NO. 15-165-20,995

ADDRESS 1720 KSB Bldg. COUNTY Rush

Wichita, KS 67202 FIELD Loretto

** CONTACT PERSON Jean Stocks PROD. FORMATION Arbuckle
PHONE (316) 263-1201

PURCHASER Koch Company LEASE Roth 'F'

ADDRESS Box 2256 WELL NO. 1

Wichita, KS 67201 WELL LOCATION SW NW SE

DRILLING Red Tiger Drilling Company 990 Ft. from North Line and

CONTRACTOR ADDRESS 1720 KSB Bldg. 330 Ft. from West Line of

Wichita, KS 67202 the SE (Qtr.) SEC 21 TWP 16 SRGE 17W.

PLUGGING N/A WELL PLAT (Office Use Only)

CONTRACTOR ADDRESS KCC

TOTAL DEPTH 3650' PBTD n/a SWD/REP

SPUD DATE 5/4/82 DATE COMPLETED 6/23/82 PLG.

ELEV: GR 2005 DF 2007 KB 2010

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE 107,818-C (C 18,301)

Amount of surface pipe set and cemented 1140.09' DV Tool Used? no

THIS AFFIDAVIT APPLIES TO: (Circle ONE) Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

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

WELL PLAT (Office Use Only)

| | | | |
|--|--|--|--|
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| | | | |
| | | | |
| | | | |

21 RELEASED
Date: 1 JUL 1983
FROM CONFIDENTIAL

KCC
KGS
SWD/REP
PLG.

A F F I D A V I T

George A. 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.

George A. Angle

WPI-01-12

~~CONFIDENTIAL~~

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Frontier Oil Company LEASE Roth 'F' #1 SEC. 21 TWP. 16S RGE. 17W

FILL IN WELL LOG 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 |
|---|------|--------|----------------|--------------|
| Post Rock & Shale | 0 | 370 | Anhydrite(Top) | 1137 (+ 873) |
| Shale | 370 | 525 | (Base) | 1170 (+ 840) |
| Sand | 525 | 755 | Herrington | 1931 (+ 79) |
| Shale | 755 | 1137 | Winfield | 1967 (+ 43) |
| Anhydrite | 1137 | 1170 | Fort Riley | 2128 (- 118) |
| Shale | 1170 | 1890 | Base Florence | 2215 (- 205) |
| Shale & Lime | 1890 | 2220 | Wreford | 2263 (- 253) |
| Lime & Shale | 2220 | 2545 | Crouse | 2306 (- 296) |
| Lime | 2545 | 2580 | Bader | 2333 (- 323) |
| Shale & Lime | 2580 | 2680 | Cottonwood | 2375 (- 365) |
| Lime & Shale | 2680 | 2835 | Neva | 2442 (- 432) |
| Lime | 2835 | 2910 | Red Eagle | 2512 (- 502) |
| Lime & Shale | 2910 | 3000 | Wabaunsee | 2633 (- 623) |
| Lime | 3000 | 3520 | Brownville | 2670 (- 660) |
| Lime & Conglomerate | 3520 | 3535 | Dover | 2716 (- 706) |
| Lime, Shale, Sand & Chert | 3535 | 3565 | Tarkio | 2775 (- 765) |
| Lime | 3565 | 3650 | Elmont | 2825 (- 815) |
| RTD | | 3650 | Wakarusa | 2857 (- 847) |
| | | | Bern | 2895 (- 885) |
| | | | Howard | 2952 (- 942) |
| | | | Topeka | 3011 (-1001) |
| DST #1 | 1915 | 2050 | Heebner | 3241 (-1231) |
| 60-30-60-30. Rec 372' MW. IF 61-203 FF 203-284 ISI 547 FSI 547 | | | Toronto | 3259 (-1249) |
| | | | Lansing-KC | 3291 (-1281) |
| | | | Base KC | 3518 (-1508) |
| DST #2 | 2364 | 2450 | Conglomerate | 3522 (-1512) |
| 60-60-60-30. Rec 320' MW. IF 51-162 FF 182-233 ISI 728 FSI 688. | | | Cherty Congl. | 3548 (-1538) |
| | | | Arbuckle | 3596 (-1586) |
| | | | RTD | 3650 (-1640) |
| DST #3 | 2450 | 2580 | 4 1/2" Casing | 3649 (-1639) |
| 60-30-60-30. Rec. 310' M. IF 61 - 172 FF 172-243 ISI 779 FSI 769. | | | | |

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" | 8-5/8" | 24# | 1147' | Common | 425 sx | 2% Gel., 3% C.C. |
| Production | 7-7/8" | 12 1/2" | 10.5# | 3649' | Common | 275 sx | 10% Salt |
| | | | | | | | |
| | | | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|----------|-------------|--------------|---------------|-------------|----------------|
| | | | 4 | DP's | 3506-12 |
| | | | 4 | DP's | 3522-28 |
| | | | 4 | DP's | 3534-41 |
| | | | 4 | DP's | 3548-54 |

TUBING RECORD

| Size | Setting depth | Pecker set at |
|------|---------------|---------------|
| | | |

FILL IN WELL LOG 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 |
|--|------|--------|------|-------|
| DST #4 60-30. Rec 10' M. IF 132-142. ISI 172#. | 2640 | 2835 | | |
| DST #5 Rec. 10' M. IF 30-41 FF 30-41 ISI 829 FFI 809. | 2902 | 3000 | | |
| DST #6 60-60-75-60. Rec. 10' M. IF 30- 41 FF 30-41 ISI 829 FSI 809. | 3000 | 3030 | | |
| DST #7 60-60-60-60. Rec 860' MSW. IF 71- 324 FF 213-304 ISI 809 FSI 850. | 3136 | 3230 | | |
| DST #8 60-30. Rec 10' M. IF 51-71 ISI 81. | 3236 | 3300 | | |
| DST #9 60-30-60-30. Rec. 40' M w/sum of O. IF 30-41 FF 41-41 ISI 122 FSI 101. | 3300 | 3323 | | |
| DST #10. 60-30-60-30. Rec. GTS Immed., HO& GCM IF 41-134 FF 162-223 ISI 708 FSI 728 | 3323 | 3351 | | |
| DST #11 60-30-60-30. Rec. 100' M. IF 61- 101 FF 101-182 ISI 787 FSI 728 | 3348 | 3438 | | |
| DST #12 30-30-30-30 Rec 15' M. IF 41-61 FF 20-41 ISI 61 FSI 61. | 3438 | 3483 | | |
| DST #13 30-30-30-30. Rec 5' M. IF 41-41 FF 20-41 ISI & FSI 61. | 3482 | 3520 | | |
| DST #14 60-30-60-30. Rec 124' GOCM, 816' GO. IF 142-344 FF 344-364 ISI 405 FSI 385. | 3500 | 3535 | | |
| DST #15 60-30-60-30. Rec. 526' GO. IF 61- 122 FF 142-223 ISI 364 FSI 324. | 3536 | 3565 | | |

*1F' Roth
21-16-17w*

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | | Depth interval treated |
|---|--|------------------------------|
| 250 Gal., 15% Reg. | | 3506-12 |
| 250 Gal., 15% Reg. | | 3522-28 |
| 500 Gal., 15% Reg. | | 3534-41 |
| 250 Gal., 15% Reg. w/10% poly-sol | | 3548-54 |
| 750 Gal., 15% Reg. | | All zones |
| Date of first production 6-23-82 | Producing method (flowing, pumping, gas lift, etc.) Pumping | Gravity |
| RATE OF PRODUCTION PER 24 HOURS | Oil 25 bbls. | Gas -0- MCF |
| | Water % Trace bbls. | Gas-oil ratio -0- CFPB |
| Disposition of gas (vented, used on lease or sold) N/A | Perforations 3506-12 3522-28 3534-41 3548-54 | |

STAMPS
2025 MAR 10 10:10 AM
2025 MAR 10 10:10 AM