

TYPE

AFFIDAVIT OF COMPLETION FORM

330-1 WELL HISTORY

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.

LICENSE # 5140 EXPIRATION DATE 6-30-83

OPERATOR Frontier Oil Company API NO. 15-165-20,992-0000

ADDRESS 1720 KSB Bldg. COUNTY Rush

Wichita, KS 67202 FIELD Reichel

** CONTACT PERSON Jean Stocks PROD. FORMATION Topeka

PHONE (316) 263-1201

PURCHASER Frontier Oil Company LEASE Frye

ADDRESS 1720 KSB Bldg. WELL NO. 2

Wichita, KS 67202 WELL LOCATION SE/4 SE/4 NE/4

DRILLING Red Tiger Drilling 330 Ft. from South Line and

CONTRACTOR 1720 KSB Bldg. 330 Ft. from East Line of

ADDRESS Wichita, KS 67202 the NE (Qtr.) SEC 4 TWP 17SRGE 17W.

PLUGGING n/a

CONTRACTOR

ADDRESS

TOTAL DEPTH 3640' PBTD N/A

SPUD DATE 4/21/82 DATE COMPLETED 7-7-82

ELEV: GR 2060' DF 2062' KB 2065'

DRILLED WITH (CASED) (ROTARY) (AIR) TOOLS.

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

Amount of surface pipe set and cemented 206.84' FO Tool Used? yes

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)

Grid table for well plat with a star in the top right cell and the number 4 in the center.

KCC [checked]
KGS [checked]
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.

Signature of George A. Angle

SUBSCRIBED AND SWORN TO BEFORE ME this 9th day of August 19 82.



MY COMMISSION EXPIRES: 5/14/85

Signature of Jean Stocks (NOTARY PUBLIC)

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

RECEIVED STATE CORPORATION COMMISSION AUG 13 1982 CONSERVATION DIVISION WICHITA, KANSAS 8-13-82

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 |
|---|------|--|--------|--|----------------|---------------|
| | | | | | | |
| Shale & Post Rock | 0 | | 217 | | Anhydrite (top | 1180 (+ 885) |
| Shale | 217 | | 575 | | (base | 1208 (+ 857) |
| Cedar Hills | 575 | | 755 | | Herrington | 1982 (+ 83) |
| Shale | 755 | | 880 | | Winfield | 2019 (+ 46) |
| Shale & Red Bed | 880 | | 1180 | | Fort Riley | 2181 (- 116) |
| Anhydrite | 1180 | | 1208 | | Base of Flor. | 2266 (- 201) |
| Red Bed | 1208 | | 1330 | | Wreford | 2313 (- 248) |
| Shale | 1330 | | 1837 | | Crouse | 2355 (- 290) |
| Shale & Lime Streaks | 1837 | | 2040 | | Bader | 2381 (- 316) |
| Shale & Lime | 2040 | | 2100 | | Cottonwood | 2424 (- 359) |
| Lime | 2100 | | 3607 | | Neva | 2491 (- 426) |
| Granite Wash | 3607 | | 3640 | | Red Eagle | 2563 (- 498) |
| RTD | | | 3640 | | Wabaunsee | 2676 (- 611) |
| DST #1 | 1967 | | 2100 | | Brownville | 2713 (- 648) |
| 60-30-60-30. 1st opn fair increasing to gd blo. 2nd opn fair decreasing blo. Rec 170' SOCWM. IF 40-130 FF hot readable. ISI and FSI 520#. | | | | | Dover | 2758 (- 693) |
| DST #2 | 2096 | | 2410 | | Tarkio | 2817 (- 752) |
| 60-30-60-30. 1st opn gd blo. 2nd opn fair decreasing blo. Rec 118' WM. IF 207-239 FF plugged off ISI 620 FSI plugged off. | | | | | Wakarusa | 2900 (- 835) |
| DST #3 | 2410 | | 2502 | | Bern | 2942 (- 877) |
| 1st opn wk blo. 2nd opn wk blo. Rec 120' WM. IF 62-103 FF 103-145 ISI 746 FSI 725. | | | | | Howard | 2999 (- 934) |
| DST #4 | 2500 | | 2625 | | Topeka | 3055 (- 990) |
| 60-30-60-30. 1st opn wk blo. 2nd opn wk blo. Rec. 180' WM. IF 41-114 FF 114-134 ISI 735 FFI 735. | | | | | Heebner | 3296 (- 1231) |
| | | | | | Toronto | 3312 (- 1247) |
| | | | | | Lansing-KC | 3351 (- 1286) |
| | | | | | Base of KC | 3582 (- 1517) |
| | | | | | Granite Wash | 3594 (- 1529) |
| | | | | | RTD | 3640 (- 1575) |

RELEASED
AUG 01 1982
FROM CONFIDENTIAL

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 | Socks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|-------------|--------|----------------------------|
| Surface | 12 1/2" & 14 3/4" | 9-5/8" | 29.5# | 214' | Common | 160 sx | 2% Gel., 3% C.C. |
| Production | 7-7/8" | 4 1/2" | 10.5# | 3639' | Common | 275 sx | 10% Salt |
| FO Tool | 7-7/8" | 4 1/2" | 10.5# | 1205 | 50-50 poz | 550 sx | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Socks cement | Shots per ft. | Size & type DP's | Depth interval |
|----------|-------------|--------------|---------------|------------------|----------------|
| | | | 4 | | 3060'-68' |

TUBING RECORD

| Size | Setting depth | Pecker set at |
|--------|---------------|---------------|
| 2 3/8" | 3072' | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and kind of material used | Depth interval treated |
|----------------------------------|------------------------|
| 250 Gal., 15% Reg. Acid | 3060'-68' |

| | | |
|--|---|-----------------------|
| Date of first production 7-7-82 | Producing method (Flowing, pumping, gas lift, etc.) Gas Lift | Gravity |
| RATE OF PRODUCTION PER 24 HOURS Oil -0- bbls. | Gas 109.7 MCF | Water % 6 bbls. |
| Disposition of gas (vented, used on lease or sold) Sold | | Gas-oil ratio -0- CFB |
| Perforations | | 3060.68 |

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 #5 30-30-30-30. 1st opn wk blo for 10". Flushed tool no blow after flush. 2nd opn no blo. Rec. 15' M. IF 51-62 FF 124-124 ISI 186 FSI 165. | 2684 | 2874 | | |
| DST #6 30-30-30-30. 1st opn wk blo for 10" Flushed tool no blo after flush. 2nd opn no blo. Rec 10' M. IF 83-124 ISI 83 FSI 83 | 2964 | 3046 | | |
| DST #7 60-30-30-30. 1st opn G to surface in 20". Stabilized @ 70,000 CFGPD. in 30". 2nd opn G stabilized @ 70,000 CFGPD. IF 41-41 FF 41-52 ISI 135 FSI 249. | 3044 | 3078 | | |
| DST #8 60-30-30-30. 1st opn wk blo. 2nd opn wk blo fro 22". Rec. 100' WM. IF 103-124. FF 145-145 ISI 497 FSI 787. | 3088 | 3280 | | |
| DST #9 60-30-60-30. 1st opn fair increas- ing to gd then decreasing to wk. 2nd opn gd blo. Rec 310' MSW. IF 62-125 FF 183-183 ISI 332 FSI 436. | 3280 | 3385 | | |
| DST #10 60-30-30-30. 1st opn wk blo for 58". 2nd opn no blo. Rec. 70' M. IF 73-83 FF 93-104 ISI 957 ISI 957 FSI 880. "Plugging action on first opening." | 3382 | 3474 | | |
| DST #11 30-30-30-30. 1st opn wk blo. 2nd opn no blo. Rec. 20' M. IF 93- 93 FF 93-93 ISI 207 FSI 124. | 3472 | 3570 | | |
| DST #12 30-30-30-30. 1st opn vy wk blo. 2nd opn wk blo. Rec 10' M. IF 83- 83. FF 83-83. ISI 104. FSI 83. | 3554 | 3640 | | |

RELEASED
AUG 0 1982
FROM CONFIDENTIAL

RELEASED
AUG 0 1982
FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
AUG 13 1982
CONSERVATION DIVISION
Wichita, Kansas