

TYPE

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 _____.

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

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 330 Ft. from South Line and

CONTRACTOR _____ 330 Ft. from West Line of (E)

ADDRESS 125 N. Market, Ste 1720 the SW (Qtr.) SEC 7 TWP 7S RGE 17W (W).

PLUGGING N/A WELL PLAT (Office Use Only)

CONTRACTOR _____

ADDRESS _____

TOTAL DEPTH 3426' PBTD _____

SPUD DATE 8-22-83 DATE COMPLETED 9-16-83

ELEV: GR 1873 DF 1875 KB 1878

DRILLED WITH ~~CONCRETE~~ (ROTARY) ~~TOOLS~~ 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 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.

RECEIVED STATE CORPORATION COMMISSION

A F F I D A V I T

NOV 22 1983

that: Jean Angle, being of lawful age and a resident of the State of Kansas, certifies

State Geological Survey
WICHITA BRANCH

ACO-1 Well History

P/

Side TWO

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

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)
			CTD	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

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N/A

LINER RECORD

PERFORATION RECORD CONSERVATION COMMISSION

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
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TUBING RECORD			CONSERVATION DIVISION		
Size	Setting depth	Packer set at	Wichita, Kansas		

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State Geological Survey
WICHITA BRANCH

PAGE TWO (Side One)

ACO-1 WELL HISTORY

OPERATOR Frontier Oil Company

LEASE NAME Miller "A"

SEC. 7 TWP. 7S RGE. 17W

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>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.</p> <p>DST 6 (3351-3406) 30-30-30-30 Rec 10' OCM 60' OSM IF 34-34, FF 34-34, ISI 756 FSI 734.</p> <p>DST 7 (3351-3408) 30-30-30-30 Rec 70' OSM IF 68-68 FF 79-79 ISI 678, FSI 734.</p> <p>RTD 3408'</p>				

RECEIVED
STATE CORPORATION COMMISSION

NOV 22 1983

CONSERVATION DIVISION
Wichita, Kansas