

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.

- Letter requesting confidentiality attached.
- 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 6-30-84

OPERATOR Frontier Oil Company API NO. 15-165-20,373-A-00-01

ADDRESS 1720 Kansas State Bank Bldg. COUNTY Rush

Wichita, Ks. 67202 FIELD Otis-Albert

** CONTACT PERSON Jean Angle PROD. FORMATION _____
PHONE (316)283-1201 Indicate if new pay.

PURCHASER N/A LEASE Tammen (WD)

ADDRESS _____ WELL NO. 1

DRILLING Red Tiger Drilling Company 330 Ft. from South Line and

CONTRACTOR ADDRESS 1720 Kansas State Bank Building, 330 Ft. from West Line of (E)

Wichita, Ks. 67202. the NW (Qtr.) SEC 22 TWP 18S RGE 16W (W).

PLUGGING N/A WELL PLAT _____ (Office Use Only)

CONTRACTOR ADDRESS _____

TOTAL DEPTH 3476' PBD N/A

SPUD DATE 7-16-83 DATE COMPLETED 8-3-83

ELEV: GR _____ DF _____ KB 1941'

DRILLED WITH ~~(CORE)~~ (ROTARY) ~~(AIR)~~ 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 979' / Old Info 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 SI Gas, OWWO. 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

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 28th day of September, 19 83.

Stella Sewell
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: June 24, 1984

RECEIVED
STATE CORPORATION COMMISSION
7-28-83
SEP 28 1983
CORPORATION DIVISION
WICHITA, KANSAS

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

CONFIDENTIAL

15-165-20373-00-01 ACO-1 Well History

Side TWO OPERATOR Frontier Oil Company LEASE NAME Tammen (WD) SEC 22 TWP 18S RGE 16W (E)
WELL NO 1 (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
<p>Check if no Drill Stem Tests Run. _____</p> <p>Check if samples sent Geological Survey. _____</p> <p><u>(Old Info)</u></p> <p>DST 1 3204-16/60", GTS/20" TSIM 45' GCM BHP 1242-1242, FP 15-30#</p> <p>DST 2 3219-28/60" GTS/19" TSIM, 50' GCM, BHP 1227-1227#, FP 15-30#</p> <p>DST 3 3246-68/60", 390' SW, BHP 1242 -1234#, FP 22-216#.</p> <p>DST 4 3335-82/1', 10'M, BHP 164-75#, FP 15-22#</p> <p>RTD 3480'</p> <p><u>New Info</u></p> <p>WD to TD 3476'.</p>			<p><u>(Old Info)</u></p> <p>Anhydrite 971 (+ 970)</p> <p>Topeka 2886 (- 945)</p> <p>Heebner 3128 (-1187)</p> <p>Toronto 3144 (-1203)</p> <p>Lansing-KC 3187 (-1246)</p> <p>Base-KC 3404 (-1463)</p> <p>Conglomerate 3430 (-1489)</p> <p>Pre-Cam 3455 (-1514)</p> <p>LTD 3470 (-1529)</p> <p>RTD 3480 (-1539)</p> <p><u>New Info</u></p> <p>WDTD 3476 (-1535)</p>	

RELEASED

SEP 18 1965

FROM CONFIDENTIAL

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc. **CASING RECORD (New) or (Used)**

Old Info.
New Info.
"

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		8-5/8"		979'		725	
DV	7-7/8"	4 1/2"	10 1/2 lb	2415'	Common	200	10% Salt
Production	7-7/8"	4 1/2"	10 1/2 lb	3475'	Common	200	10% Salt

N/A

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type DP's	Depth interval
			4		3221'-3230'

Size	Setting depth	Packer set at
N/A		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal. 15% Regular acid	3221'-3230'

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
N/A		
Estimated Production-I.P.	Oil _____ bbls. Gas _____ MCF Water _____ % bbls.	Gas-oil ratio _____ CFPB
Disposition of gas (vented, used on lease or sold)		3221-3230' Perforations

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