

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 6-30-84

OPERATOR Frontier Oil Company API NO. 15-165-21,121-0000

ADDRESS 125 N. Market, Ste 1720, Wichita, Ks. 67202 COUNTY Rush

FIELD Liebenthal

** CONTACT PERSON Jean Angle PROD. FORMATION N/A
PHONE (316)263-1201 Indicate if new pay.

PURCHASER N/A LEASE Brack 'D'

ADDRESS _____ WELL NO. 1

WELL LOCATION SW SW NW

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

CONTRACTOR ADDRESS 125 N. Market, Ste 1720 330 Ft. from West Line of (E)

Wichita, Ks. 67202 the NW (Qtr.) SEC 26 TWP 16S RGE 18W (W).

PLUGGING Allied Cementing Company WELL PLAT (Office Use Only)

CONTRACTOR ADDRESS P O Box 31,

Russell, Ks. 67665

TOTAL DEPTH 4100' PBTD N/A

SPUD DATE 8-25-83 DATE COMPLETED 9-6-83

ELEV: GR 2063' DF 2065' KB 2068'

DRILLED WITH (~~XXXX~~) (ROTARY) (~~XXXX~~) 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 1208.81' 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.

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.

STATE RECEIVED

Stephen J. Swell
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: June 24, 1984

SEP 28 1983
CONSERVATION DIVISION
Wichita, Kansas

9-28-83

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

Side TWO OPERATOR Frontier Oil Company LEASE NAME Brack "D" SEC 26 TWP 16S RGE 18W (E) (W)

WELL NO 1

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. <input checked="" type="checkbox"/> Check if samples sent Geological Survey.</p>				
Shale & Sand	-0-	440	Anhydrite	1187 (+ 881)
Shale	440	615	Herrington	1986 (+ 82)
Sand	615	835	Winfield	2017 (+ 51)
Shale	835	1187	Cottonwood	2428 (- 360)
Anhydrite	1187	1227	Neva	2486 (- 418)
Shale	1227	2225	Brownville	2708 (- 640)
Shale & Lime	2225	2510	Tarkio	2821 (- 753)
Shale	2510	2515	Howard	2997 (- 929)
Shale & Lime	2515	3100	Topeka	3054 (- 986)
Lime	3100	3675	Heebner	3287 (-1219)
RTD			Toronto	3303 (-1235)
			Lansing-KC	3333 (-1265)
DST 1 (1992-2100) 60-30-60-30 Rec 325'			Base of KC	3553 (-1485)
MSW IF 81-162 FF 183-203 ISI 508 FSI 508			Granite Wash	3650 (-1582)
			RTD	3675 (-1607)
DST 2 (2394-2510) 60-30-60-30 Rec 600'				
MSW IF 82-264 FF 264-366 ISI 711 FSI 711				
DST 3 (2718-2890) 60-30-60-30 Rec 100'				
M IF 132-142 FF 132-152 ISI 315 FSI 264				
DST 4 (3044-3080) 60-30-60-30 Rec 300'				
SW. No press recorded. Clock Malfunction.				
DST 5 (3176-3270) 30-30-30-30 Rec 90'				
WM IF 17-23 FF 23-23 ISI 1020 FSI 1016.				
(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	Socks	Type and percent additives
Surface	12 1/4"	8-5/8"	24lb	1215'	60-40 poz	425	2% gel 3% cc

N/A

LINER RECORD

N/A

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval

N/A

TUBING RECORD

Size	Setting depth	Packer set at

N/A

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

Date of first production

N/A

Producing method (flowing, pumping, gas lift, etc.)

Gravity

Estimated Production-I.P.	Oil	Gas	Water	Gas-oil ratio	CFPB
	bbfs.	MCF	%	bbfs.	

Disposition of gas (vented, used on lease or sold)

Perforations

ACO-1 WELL HISTORY

PAGE 2 (Side One)
 OPERATOR Frontier Oil Co. LEASE NAME Brack "D"
 WELL NO. 1

(E)
 SEC 26 TWP 16S RGE 18W (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 &
 Shut-in pressures, and recoveries.

Show Geological markers,
 logs run, or Other
 Descriptive information.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST 6 (3278-3372) 60-30-60-30 Rec 600' GWM IF 60-222 FF 222-225 ISI 225 FSI 508				
DST 7 (3342-3372) 60-30-60-30 Rec 125' MW IF 41-61 FF 61-81 ISI 769 FSI 769				
DST 8 (3370-3390) 60-30-60-30 Rec 750' SW IF 111-264 FF 294-386 ISI 698 FSI 718				
DST 9 (3394-3460) 60-30-60-30 Rec 250' WM IF 71-111 FF 132-172 ISI 979 FSI 989				
DST 10 (3458-3512) 30-30-30-30 Rec 10'M IF 41-41 FF 51-51 ISI 618 FSI 592				
DST 11 (3511-3530) 60-30-30-30 Rec 10'M IF 30-30 FF 30-40 ISI 40 FSI 40				
DST 12 (3536-3665) 60-30-30-30 Rec 10'M IF 81-81 FF 81-81 ISI 111 FSI 91				
RTD 3675'				

RECEIVED
 STATE CORPORATION COMMISSION
 SEP 28 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.