

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

DOCKET NO. NP _____

(Rules 82-3-130 and 82-3-107)

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 06-30-84

OPERATOR Frontier Oil Company API NO. 15-165-21,114-00-00

ADDRESS 125 N. Market, Ste 1720 COUNTY Rush
Wichita, Ks. 67202 FIELD Ficken Ext. 1/8 NW

** CONTACT PERSON Jean Angle PROD. FORMATION Conglomerate Sand
PHONE (316)-263-1201 Yes Indicate if new pay.

PURCHASER N/A LEASE Koci

ADDRESS _____ WELL NO. #1.

DRILLING Red Tiger Drilling Company WELL LOCATION SE SE SW

CONTRACTOR ADDRESS 125 N. Market, Ste 1720 330 Ft. from South Line and

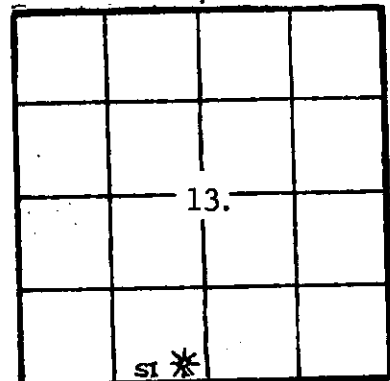
Wichita, Kansas 67202 330 Ft. from East Line of (E)

PLUGGING N/A the SW (Qtr.) SEC 13 TWP 17S RGE 18W (W).

CONTRACTOR ADDRESS _____

WELL PLAT

(Office Use Only)



- KCC
- KGS
- SWD/REP _____
- PLG. _____
- NGPA _____

TOTAL DEPTH 3700' PBTD N/A

SPUD DATE 08-23-83 DATE COMPLETED 9-14-83

ELEV: GR 2069' DF 2071' KB 2074'

DRILLED WITH (~~WIDE~~) (ROTARY) (~~WIDE~~) 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 1173.51' 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 4th day of January, 1984

Stella Sewell
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: June 24, 1984

RECEIVED
STATE CORPORATION COMMISSION

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

JAN 06 1984
01-06-1984
CONSERVATION DIVISION
Wichita, Kansas

Side TWO

OPERATOR Frontier Oil Company

LEASE NAME Koci

SEC 13 TWP 17S RGE 18W (E)

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
<input checked="" type="checkbox"/> Check if no Drill Stem Tests Run. <input checked="" type="checkbox"/> Check if samples sent Geological Survey.				
Soil-Post Rock-Clay	-0-	60	Anhydrite	1174 (+900)
Shale-Sand-Hard Sand	60	585	Herrington	1973 (+ 101)
Sand	585	834	Winfield	2007 (+ 67)
Shale	834	1174	Cottonwood	2420 (- 346)
Anhydrite	1174	1208	Neva	2481 (- 407)
Shale	1208	1834	Brownville	2711 (- 637)
Shale & Lime	1834	2662	Tarkio	2822 (- 748)
Lime	2662	3700	Howard	3007 (- 933)
RTD	3700.		Topeka	3065 (- 991)
			Heebner	3312 (-1238)
			Toronto	3326 (-1252)
DST 1 (1958-2120) 60-30-60-30. Rec 1000' SW. IF 102-408, FF 459-469, ISI 519, FSI 549.			Lansing-KC	3361 (-1287)
			Base of KC	3589 (-1515)
			Conglomerate	3652 (-1578)
			Granite	3685 (-1611)
			RTD	3700 (-1626)
DST 2 (2386-2500) 30-30-30-30. Rec 180' MSW. IF 102-112. FF 122-142. ISI 709, FSI 679.				
DST 3 (2720-2880) 60-30-30-30. Rec 60'M IF 91-91. FF 91-91. ISI 549, FSI 549.				
DST 4 (3054-3090) 60-30-60-30. Rec 560' SW. IF 122-214. FF 255-295, ISI 938, FSI 918.				
DST 5 (3234-3290) 60-30-60-30. Rec 2150' SW. IF 306-858, FF 908-1067. ISI 1117, FSI 1146.				
(Continued ...)				
If additional space is needed use Page 2				

Report of all strings set — surface, intermediate, production, etc.

CASING RECORD (New) or (REGRIND)

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 #	1182'	60-40 poz	425	2% gel, 3% cc.
Production	7-7/8"	4 1/2"	10 1/2 #	3698'	Common	275	10% Salt.

N/A LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type DPs	Depth interval
			4		3651-3656'

N/A TUBING RECORD

Size	Setting depth	Packer set at

N/A ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	33rd Interval treated

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

~~CONFIDENTIAL~~

15-145-2114-00-00

ACO-1 WELL HISTORY

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

SEC 13 TWP 17S RGE 18W (E)
(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 (3310-3398) 60-30-60-30. Rec 240'M IF 153-173, FF 173-173. ISI 1107. FSI 1087.				
DST 7 (3536-3610) Misrun.				
DST 8 (3520-3610) Misrun.				
DST 9 (3488-3610) 60-30-60-30) Rec 360'MW, 1020' SW. IF 85-439. FF 493-632. ISI 1177. FSI 1166.				
DST 10 (3586-3655) 60-30-60-30. Rec 180'M GTS 1". 55" = 3,871,000 cfgpd. IF 568-696, FF 643-707, ISI 1059. FSI 1049.				

~~CONFIDENTIAL~~

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 Allweas 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.