

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-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.

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.

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. 15-163-21,965-00-00

ADDRESS 1720 KSB Bldg. COUNTY Rooks

Wichita, KS 67202 FIELD Carmichael

** CONTACT PERSON Jean Angle PROD. FORMATION N/A

PHONE (316) 263-1201.

PURCHASER N/A LEASE Thompson "A"

ADDRESS WELL NO. 2

WELL LOCATION 1000' FNL; 400' FEL SE

DRILLING Red Tiger Drilling Company 1000 Ft. from North Line and

CONTRACTOR 400 Ft. from East Line of

ADDRESS 1720 KSB Bldg. the SE (Qtr.) SEC 32 TWP 8S RGE 18W.

Wichita, KS 67202

PLUGGING Allied Cementing

CONTRACTOR Box 31, 332 W. Wichita

ADDRESS Russell, KS 67665

TOTAL DEPTH 3550' PBTB

SPUD DATE 2-22-83 DATE COMPLETED 3-7-83

ELEV: GR 2049 DF 2051 KB 2054

DRILLED WITH (K&L) (ROTARY) (K&L) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

WELL PLAT

		32	

(Office Use Only)

KCC ✓

KGS ✓

SWD/REP

PLG. ✓

Amount of surface pipe set and cemented 276.3' DV Tool Used?

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.

A F F I D A V I T

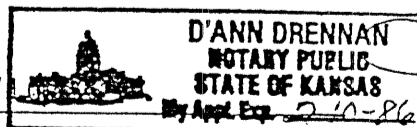
George A. Angle, being of lawful age, hereby certifies that:

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.

George A. Angle (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 7th day of April, 1983.

MY COMMISSION EXPIRES: 2/



D'Ann Drennan (NOTARY PUBLIC)

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

JUN 06 1983 JUN 06 1983 CONSERVATION DIVISION Wichita, Kansas

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Frontier Oil Company

LEASE #2 Thompson "A" SEC. 32 TWP 8S RGE. 18W

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
Surface Clay & Sand	0	287	AHN	1462 (+ 592)
Shale & Sand	287	490	TOP	2981 (- 927)
Shale	490	960	HEEB	3192 (-1138)
Sand	960	1181	TOR	3211 (-1157)
Red Bed	1181	1462	LANS	3232 (-1178)
Anhydrite	1462	1496	BKC	3456 (-1402)
Shale	1496	2165	REWORKED	
Shale & Lime	2165	2553	ARB	3488 (-1434)
Lime & Shale	2553	3008	RTD	3550 (-1496)
Lime	3008	3498		
Lime & Arbuckle	3498	3510		
Arbuckle	3510	3550		
RTD		3550		
DST #1	3180	3225		
15-30-15-30 1st op vy wk blo dead 9"				
2nd op vy wk blo dead 3" Rec 7' M				
IF 20-20 FF 20-20 ISI 879 FSI 796				
DST #2	3223	3285		
60-30-60-30 1st op wk blo inc to fair				
5" in bucket 2nd op vy wk blo inc				
to fair 4" in bucket Rec 235' MW				
IF 61-102 FF 102-123 ISI 858 FSI 817				
DST #3	3284	3305		
60-30-60-30 strg blo both ops Rec				
732' MW w/spks O IF 41-249 FF 301-				
394 ISI 704 FSI 663				
DST #4	3300	3315		
60-30-60-30 1st op blew off btm 20"				
2nd op blew off btm 21" Rec 650'				
SW IF 41-205 FF 225- 328.				
ISI 715 FSI 695				

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"	20#	284'	Common	185 sx	2% Gel., 3% C.C.

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas bbls.
Disposition of gas (vented, used on lease or sold)	Water %	Gas-oil ratio
	MCF	CFPB
	Perforations	

PAGE TWO (Side One)

ACO-1 WELL HISTORY

OPERATOR

Frontier Oil Company LEASE NAME #2 Thompson "A"

SEC. 32 TWP. 8S RGE. 18W (E)
(W)

FILL IN WELL LOG AS REQUIRED: WELL NO.

SHOW GEOLOGICAL MARKERS, LOGS RUN,
OR OTHER DESCRIPTIVE INFORMATION.

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST 5 60-30-60-30. Rec. 20' M. wk blo bth ops. IF 10-21 FF 31-31 ISI519 FSI 477	3318	3335		
DST 6 30-30-30-30 vy wk blo dead 18" 2nd op wk blo 15" Rec. 5'M IF 20-20 FF31-31 ISI 451 FSI 451.	3338	3372		
DST 7 60-30-30-30 Wk blo TO Rec. 15'M w/spks O IF 31-41 FF 31-31 ISI 72 FSI 41	3372	3396		
DST 8 60-30-30-45 1st op wk blo ½' in bucket 2nd op no blo fl tool died 6" Rec 10' M w/spks O IF 21-31 FF 31-41 ISI 62 FSI 83	3396	3420		
DST 9 60-30-30-30 1st op wk blo dead 45" 2nd op no blo Rec 10' M w/spks O IF 31-31 FF 31-31 ISI 61 FSI 61	3415	3442		
DST 10 30-30-30-30 1st op wk blo dead 9" 2nd op no blo Rec 5'M IF 21-21 FF 21-31 ISI 21 FSI 21	3436	3460		
DST 11 30-30-30-30 1st op no blo flush tool no help 2nd op no blo flushed tool no help Rec 5'M IF 41-52 FF 41-41 ISI 62 FSI 41	3438	3498		
DST 12 15-30-15-30 1st op no blo fl tool no help 2nd op no blo fl tool no help. Rec 8'M IF 41-73 FF 62-62 ISI 145 FSI 83	3437	3510		
DST 13 60-30-60-30- 1st op wk to fair blo TO 2nd opvy wk blo TO Rec 65'M IF 83-93 FF 104-124 ISI 611 FSI 477	3437	3550		
P & A 3-7-83				

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.