

RELEASEDCONFIDENTIAL
AFFIDAVIT OF COMPLETION FORM13-10-18N
ACO-1 WELL HISTORY

Compt. _____

SIDE ONE MAY 1 1984

State Geological Survey

WICHITA BRANCH

FROM CONFIDENTIAL 130 and 32-3-107)

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) ☒ X. Letter requesting confidentiality attached.

(C) ☒ X. 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 6-30-83.
OPERATOR Frontier Oil Company API NO. OWWO. 15-163-00586-0001
ADDRESS 1720 Kansas State Bank Bldg., COUNTY Rooks
Wichita, Ks. 67202. FIELD Plainville
** CONTACT PERSON Jean Angle PROD. FORMATION Lansing-Kansas City
PHONE 316-163-1201
PURCHASER Koch Oil Company LEASE Jaco (WD-DD)
ADDRESS P O Box 2256 WELL NO. 4
Wichita, Ks. 67201 WELL LOCATION SW SW NE
DRILLING Red Tiger Drilling Company 330 Ft. from South Line and
CONTRACTOR 1720 Kansas State Bank Bldg., 330 Ft. from West Line of (E)
ADDRESS Wichita, Ks. 67202 the NE (Qtr.) SEC 13 TWP 10S RGE 18W (W).
PLUGGING N/A WELL PLAT (Office Use Only)
CONTRACTOR _____
ADDRESS _____

TOTAL DEPTH New: 4000' PBD 3634'
SPUD DATE 2-24-83 DATE COMPLETED 4-13-83
ELEV: GR 2160 DF 2162 KB 2165

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-48,236
(C-20,839)

Amount of surface pipe set and cemented 211' DV Tool Used? Yes.

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, ~~Shut-in, Gas, Water, etc.~~
~~Any other completion type~~ If OWWO, indicate type of re-completion Oil. 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.

~~I am familiar with the contents of the foregoing Affidavit.~~

SIDE TWO

OPERATOR

Frontier Oil Company

LEASE #4 Jaco (WD-DD) SEC. 13 TWP. 10S RGE. 18W (W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 4.

ACQ-1 WELL HISTORY (E)

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
X. Check if no Drill Stem Tests Run.				
Check if samples sent to Geological Survey				
WD	-0-	3765	Anhydrite	1488 (+ 677)
Arbuckle	3765	4000	Topeka	3123 (- 958)
RTD		4000	Heebner	3344 (-1179)
			Lans-KC	3385 (-1220)
			Conglomerate	3648 (-148)
			Arbuckle	3743 (-157)
			Original RTD	3765 (-1600)
			New RTD	4000 (-1835)
			4 1/2" Pipe	3978 (-1813)

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used				Depth interval treated	
1000 gal., 15% regular acid				3518-22, 3526-3530, 3545,	
1500 " " " "				3582, 3603, 3615.	
500 gal., 15% INS acid				3652-60, 3662-68.	
Date of first production 4-13-83				Producing method (flowing, pumping, gas lift, etc.) Pumping	
Estimated Production -I.P. 15 bbls.				Gravity 36	
Oil 15 bbls.				Water % 3 bbls.	
Gas -0- MCF				Gas-oil ratio N/A	
Disposition of gas (vented, used on lease or sold) N/A				Perforations 3518-22, 3526-30, 3545, 3564, 3580-84, 3600-06, 3612-18, 3582, 3603, 3615, 3652-60, 3662-68.	

CONFIDENTIAL

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used) ^{XXX}							
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"	Not Avail.	211'	Not Available	145	Not Available
Production	7-7/8"	4-1/2"	10.5#	3978'	Common	275	10% Salt
D.V. Tool	"	"	_____	1528'	50-50 Pozmix	550	6% Gel
LINER RECORD				PERFORATION RECORD			
Top, ft. ---	Bottom, ft. ---	Sacks cement		Shots per ft.	Size & type D.P.'s	Depth interval	
				4		3518-22, 3526-	
				1	"	3545, 3564.	
TUBING RECORD				4	"	3580-84, 3600-	
Size 2-3/8"	Setting depth 3604'	Packer set at -----		"	"	3612-18.	
				1	"	3582, 3603, 36	
				4 SPF DPs 3652-60, 3662-			