

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

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

This form shall be filed with the Kansas ^{State Geological Survey} ~~Department of Geology~~ 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. 15-163-22,138

ADDRESS 125 N. Market, Ste 1720 COUNTY Rooks
Wichita, Ks. 67202 FIELD Plainville

** CONTACT PERSON Jean Angle PROD. FORMATION Lansing-KC
PHONE (316) 263-1201 _____ Indicate if new pay.

PURCHASER Koch Oil Company LEASE Jaco

ADDRESS P O Box 2256 WELL NO. 6
Wichita, Ks. 67201 WELL LOCATION NE NW NE

DRILLING Red Tiger Drilling Company 330 Ft. from North Line and
CONTRACTOR 125 N. Market, Ste 1720 990 Ft. from West Line of (E)
ADDRESS Wichita, Ks. 67202 the NE (Qtr.) SEC 13 TWP 10S RGE 18W (W).

PLUGGING N/A

CONTRACTOR _____

ADDRESS _____

TOTAL DEPTH 3850' PBTB N/A

SPUD DATE 09-08-83 DATE COMPLETED 10-21-83

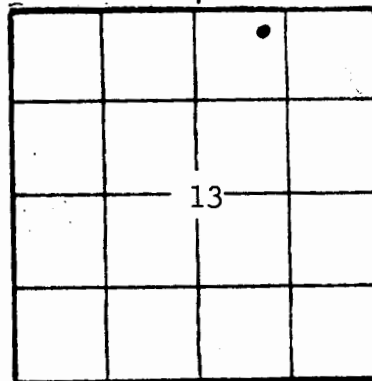
ELEV: GR 2157' DF 2159' KB 2162'

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE CD-48236

WELL PLAT

(Office Use Only)

KCC _____
KGS ☒SWD/REP _____
PLG. _____

NGPA _____

Amount of surface pipe set and cemented 315' DV 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 _____. 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

State Geological Survey WICHITA BRANCH

ACO-1 Well History

Side TWO

OPERATOR Frontier Oil Company

LEASE NAME Jaco

SEC 13 TWP 10S RGE 18W (W)

WELL NO 6

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
Check if no Drill Stem Tests Run.				
Check if samples sent Geological Survey.				
Surface Soil	-0-	328	Anhydrite	1477 (+ 685)
Shale & Sand	328	1477	Tarkio	2920 (- 758)
Anhydrite	1477	1515	Howard	3092 (- 930)
Shale	1515	2990	Topeka	3120 (- 958)
Shale & Lime	2990	3135	Heebner	3340 (-1178)
Lime	3135	3755	Toronto	3358 (-1196)
Arbuckle	3755	3850	Lansing-KC	3382 (-1220)
			Base KC	3619 (-1457)
			Cherty Cong.	3654 (-1492)
			Simpson	3748 (-1586)
			Arbuckle	3767 (-1605)
			RTD	3850 (-1688)
DST 1 (3330-3464) 30-30-30-30 Rec 10'M IF 103-114, FF 103-103, ISI 1137, FSI 942.				
DST 2 (3488-3528) 30-30-30-30. Rec 2' GO, 5' MW. IF51-51, FF 54-41, ISI 186, FSI 82.				
DST 3 (3528-3625) 30-30-30-30. Rec 10' OSM w/free O in top of tool. IF 83-83, FF 104-104, ISI 911 FSI 704.				
DST 4 (3618-3710) 30-30-30-30. Rec 15'M IF 93-93, FF 103-93, ISI 414, FSI 290.				
RTD 3850'				
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	Sacks	Type and percent additives		
Surface	12½"	8-5/8"	20	322'	60-40 poz	190	2% gel 3% cc		
Production	7-7/8"	4½"	10½	3843'	bottom/ Common	275	10% Salt		
"	"	"	"	"	top/ 50-50 poz	550	5% gel		
LINER RECORD					PERFORATION RECORD				
Top, ft.		Bottom, ft.		Sacks cement		Shots per ft.		Size & type D.P.'s	
N/A						4		3515-3519, 3522-352	
TUBING RECORD									
Size		Setting depth		Packer set at		1		3516 & 3523	
2-3/8"		3753'		N/A		4		3540-3547, 3558-356	
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD					3544 & 3560.				
Amount and kind of material used					3579-3582, 3599-360				
1000 gal 15% Regular					3612-3616, 3580, 3604, 3613.				
" " " "					3516 & 3523, 3540-3547, 3558-3562.				
1500 gal 14% Regular					3544 & 3560, 3579-3582, 3599-3605, 3612-3616.				
					3580, 3604, 3613'.				
Date of first production			Producing method (flowing, pumping, gas lift, etc.)			Gravity Est.			
10-21-83			Pumping			35°			
Estimated Production-I.P.	Oil	Gas	Water	Gas-oil ratio					
4		-0-		N/A					
Disposition of gas (vented, used on lease or sold)					(See above) Perforations				
N/A									