

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. 15-163-21,675

ADDRESS 1720 KSB & T Bldg. COUNTY Rooks
Wichita, KS 67202 FIELD Plainville

** CONTACT PERSON Jean Stocks PROD. FORMATION LS-KC
 PHONE (316) 263-1201

PURCHASER Koch Oil Company LEASE Jaco

ADDRESS P.O. Box 2256 WELL NO. 3
Wichita, KS 67201 WELL LOCATION NE SW NE

DRILLING Red Tiger Drilling Company 990 Ft. from South Line and
 CONTRACTOR 990 Ft. from West Line of
 ADDRESS 1720 KSB & T Bldg. the NE (Qtr.) SEC 13 TWP 10S RGE 18W.
Wichita, KS 67202

PLUGGING N/A

CONTRACTOR -

ADDRESS

TOTAL DEPTH 3774' PBTB

SPUD DATE 9-23-82 DATE COMPLETED 12/15/82

ELEV: GR 2161 DF 2164 KB 2166

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

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

Amount of surface pipe set and cemented 288' DV Tool Used? Yes

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.

AFFIDAVIT

George A. Angle

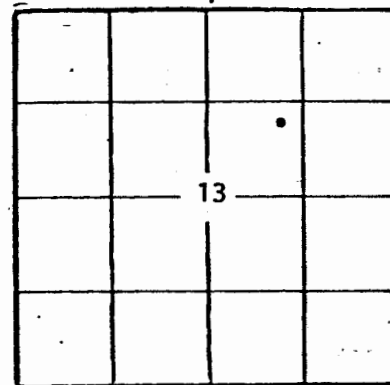
that:

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

WELL PLAT

(Office Use Only)



KCC
 KGS ☒
 SWD/REP
 PLG.

681-01-8

72458

SIDE 110

ACO-1 WELL HISTORY

OPERATOR Frontier Oil Company LEASE #3 Jaco

SEC. 13 TWP. 10S RGE. 18W

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cased 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
Shale-Sand-Shale	0	310	ANHY	1486
Shale & Sand	310	940	ANHY	1521 (+ 680)
Shale	940	975	BRNVL	2817 (- 651)
Sand	975	1180	TARK	2915 (- 749)
Shale-Red Bed	1180	1486	HOW	2986 (- 920)
Anhydrite	1486	1521	TOP	3113 (- 947)
Shale	1521	2425	HEEB	3333 (-1167)
Shale/Lime	2425	2615	LOR	3353 (-1187)
Lime & Shale	2615	2740	LANC	3378 (-1212)
Shale & Lime	2740	2827	BKC	3638 (-1322)
Lime	2827	2935	CH CONG	3644 (-1318)
Shale & Lime	2935	3060	SIMP DOL	3716 (-1550)
Lime	3060	3774	ARB	3743 (-1577)
RTD		3774	RTD	3774 (-1608)
			4 1/2" @	3773 (-1607)
DST #1 60-30-30-30. Vy wk blo 55" 1st opn 18" 2nd opn Rec 65' OSM IF 82-93 FF93-103 ISIP 226 FSIP 206.	3328	3404		
DST #2 60-30-60-30. Fair to gd blo. 2nd opn fair blo. Rec. 300' Hvy O & Hvy OCM, 240' SW IF 82-206 FF 350- 267 ISIP 1034 FSIP 1034	3404	3447		
DST #3 60-30-60-30. Strg blo TO Rec 810' G P, 1170' CI Gsy O, 60' HMO IF 62-309 FF 123-144 ISIP 1046 FSIP 1038	3447	3460		
DST #4 60-30-60-30. Wk blo 2" 1st opn wk blo 1/2" 2nd opn Rec 220' Mdy SW IF 31-62 FF 123-144 ISIP 1096	3460	3470		

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	12 1/4"	8-5/8"	26#	294'	Common	185 sx	2% Gel., 3% C.C.
Production	7-7/8"	4 1/2"	10.5#	3773'	Common	275 sx	10% Salt
DV Tool	7-7/8"	4 1/2"	—	1486'	50-50 Poz	550 sx	5% Gel.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type DP's	Depth interval
			4	DP's	3658-68' 3634-42'
			4	DP's	3605-3594' 3580-3574'
			4	DP's	3604-08' 3594-98'
			4	DP's	3574-80' 3552-58'
			1	DP's	3535 & 3555'
			4	DP's	3534-40' 3507-11'

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	3501'	

OPERATOR Frontier Oil Company LEASE NAME #3 Jaco SEC. 13 TWP. 10S RGE. 18W

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Cont' DST #4 FSIP 976				
DST #5 15-30-15-30. 1st opn wk blo died in 6" 2nd opn no blo Rec 5' M IF 20-40 FF 40-40 ISIP 1530 FSIP 1510.	3471	3500	Slut WICHITA SHUT-IN	
DST #6 15-30-15-30. Vy wk blo both opns. Rec 60' O& GCM IF 30-61 FF 61-61 ISIP 1040 FSIP 1010.	3496	3500		
DST #7 60-30-60-30. Wk blo both opns. Rec 90' Vy Hvy OCM IF 40-60 FF 66-66 ISIP 658 FSIP 618	3527	3545		
DST #8 60-30-60-30. Wk blo 25" 1st opn flushed tool wk blo 25" 2nd opn Rec 60' OCM IF 20-41 FF 41-41 ISIP 305 FSIP 285.	3545	3565		
DST #9 45-30-30-30. Vy wk blo for 35" 1st opn no blo 2nd opn Rec 10' SI OCM IF 41-51 FF 51-61 ISIP 474 FSIP 234	3564	3620		
DST #10 30-30-30-30. Wk blo dead 23" Rec 20' M IF 61-81 FF 81-81 ISIP 305 FSIP 203	3614	3680		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth interval treated	
250 Gal., 15% INS		3658-68', 3634-42'	
2000 Gal., 15% Reg Acid		3605', 3594', 3580', 3574'	
1000 Gal., 15% Reg Acid		3604-08', 3594-98', 3574-3580'	
1000 Gal., 15% Reg Acid		3535' & 3555'	
500 Gal., 15% Reg Acid		3552-58', 3534-40', 3507-11'	
Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity	
12/15/82	Pumping		
RATE OF PRODUCTION PER 24 HOURS	OR	Gas	Water
	14 bbls.	-0- MCF	5 % 1 bbls.
Disposition of gas (vented, used on lease or sold)		Perforations	
N/A		3605-68', 3634-42'	
		3605', 3594', 3580', 3574'	
		3604-08', 3594-98', 3574-80'	
		3535', 3555'	
		3552-58', 3534-40', 3507'-11'	