

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. 15-163-21,675-0000

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 1720 KSB & T Bldg. 990 Ft. from West Line of

ADDRESS Wichita, KS 67202 the NE (Qtr.) SEC 13 TWP 10S RGE 18W.

PLUGGING N/A WELL PLAT (Office Use Only)

CONTRACTOR ADDRESS

ADDRESS

TOTAL DEPTH 3774' PBTD

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

ELEV: GR 2161 DF 2164 KB 2166

DRILLED WITH (ROTARY) 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.

WELL PLAT grid with section 13 marked.

(Office Use Only) KCC [checked] KGS [checked] SWD/REP PLG.

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.

Signature of George A. Angle

SUBSCRIBED AND SWORN TO BEFORE ME this 19 82 day of September



Signature of Notary Public

MY COMMISSION EXPIRES:

RECEIVED STATE CORPORATION COMMISSION JAN 03 1983 CONSERVATION DIVISION WICHITA, KANSAS

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

15-163-21675-0000

SIDE TWO

OPERATOR Frontier Oil Company LEASE #3 Jaco

ACO-1 WELL HISTORY  
SEC. 13 TWP. 10S RGE. 18W

SIDE TWO  
OPERATOR

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	LANS	3378 (-1212)
Shale & Lime	2740	2827	BKC	3638 (-1472)
Lime	2827	2935	CH CONG	3644 (-1478)
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	Secks	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.	Secks 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'

**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 1000 Gal., 15% Reg Acid	3605', 3594', 3580', 3574' 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 12/15/82	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity
RATE OF PRODUCTION PER 24 HOURS Oil 14 bbls.	Gas -0- MCF	Water 5 % 1 bbls.
Disposition of gas (treated, used on lease or sold) N/A		Gas-oil ratio N/A CFPB

Perforations 3605-68', 3634-42'  
3605', 3594', 3580', 3574'  
3604-08', 3594-98', 3574-80'  
3535', 3555'  
3552-58', 3534-40', 3507-11'

OPERATOR Frontier Oil Company LEASE NAME #3 Jaco

\* SEC. 13 TWP. 10S 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
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		
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		