

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.

No Logs 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. 15-165-21,014-0000

ADDRESS 1720 KSB & T Bldg. COUNTY Rush

Wichita, KS 67202 FIELD Wildcat

** CONTACT PERSON Jean Stocks PROD. FORMATION T&A

PHONE (316) 263-1201

PURCHASER N/A LEASE Appl "A"

ADDRESS WELL NO. 1

DRILLING Red Tiger Drilling Company WELL LOCATION C SW NE

CONTRACTOR ADDRESS 1720 KSB & T Bldg. 660 Ft. from South Line and

Wichita, KS 67202 660 Ft. from West Line of

the NE (Qtr.) SEC20 TWP17S RGE 17W.

PLUGGING n/a WELL PLAT

CONTRACTOR ADDRESS (Office Use Only)

KCC [checked]

KGS [checked]

SWD/REP [checked]

PLG. [checked]

TOTAL DEPTH 3618' PBD N/A

SPUD DATE 7-28-82 DATE COMPLETED TA 8-23-82

ELEV: GR 2045 DF 2048 KB 2050

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING

USED TO DISPOSE OF WATER FROM THIS LEASE N/A

Amount of surface pipe set and cemented 1123.84' DV Tool Used? NO

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.

SUBSCRIBED AND SWORN TO BEFORE ME this 13th day of October, 1982.



MY COMMISSION EXPIRES: 5/14/85

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

Signature of George A. Angle, Notary Public Seal, and RECEIVED stamp from CONSERVATION DIVISION, Wichita, Kansas, dated OCT 14 1982.

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
					ANHY (top)	1112 (- 938)
					(Base)	1160 (+ 890)
Sod-Gray Shale w/Lime	0	350			HER	1943 (+ 107)
Shale	350	528			WINF	1981 (+ 69)
Sand	528	755			FT. FILEY	2139 (- 89)
Shale & Red Bed	755	1000			BASE FLOR	2227 (- 177)
Red Bed	1000	1112			WREF	2273 (- 223)
Anhydrite	1112	1160			CROUSE	2318 (- 268)
Red Bed & Shale	1160	1640			BAD	2344 (- 294)
Shale	1640	1852			COTTNW	2385 (- 335)
Lime w/Shale	1852	1894			NEVA	2449 (- 339)
Lime	1894	2015			RED EAGLE	2521 (- 471)
Lime-Shale-Sand	2015	2060			WAB	2641 (- 591)
Lime	2060	2625			BRONVILLE	2679 (- 629)
Lime w/Shales	2625	2845			TARK	2784 (- 734)
Lime	2845	2900			HOW	2969 (- 919)
Lime & Shale	2900	3035			TOP	3029 (- 979)
Lime	3035	3560			HEEB	3272 (-1222)
Granite	3560	3612			TOR	3289 (-1239)
Granite Wash	3612	3618			LANS	3326 (-1276)
RTD		3618			BASE KC	3537 (-1487)
					GRAN WASH	3591 (-1541)
					RTD	3618 (-1568)
					4 1/2"	3611 (-1561)
DST #1	1929	2060				
60-30-60-30. 1st opn blo off btm in 3". 2nd opn blo off btm throughout. Rec 735' fluid; 240' SGCWM. IF 104-373. FF 373-477. ISI 570. FSI 560.						
DST #2	2350	2470				
30-30-30-30. Fair stdy blo both opns. Rec. 130' M. IF 82-104. FF 103-145. ISI 745. FSI 725.						

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 1/2"	8-5/8"	23#	1123.84'	Pox mix	500 sx	2% Gel., 3% C.C.
Production	7-7/8"	12 1/2"	10.5#	3611'	Common	275 sx	10% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Secks cement	Shots per ft.	Size & type DP's	Depth interval
			4		3028'-3034'

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal., 15% Reg. acid	3028'-3034'

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Con-oid ratio
	bbl.	bbl.	MC	bbl.
Disposition of gas (vented, used on lease or sold)				
Perforations 3028'-3034'				

15-165-21014-0000

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Frontier Oil Company LEASE NAME #1 Appl "A" * SEC. 20 TWP. 17S RGE. 47W

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
DST #3 60-30-60-30. 1st opn blo off btm in 5". 2nd opn blo off btm immediately. Rec 870' fluid; 245' M; 180' SGCM; 240' GCM; 185' GCWM. IF not readable to 415. FF 415-570. ISI and FSI both 839. (plugging action first opn.)	2459	2590		
DST #4 30-30-30-30. Wk blo both opns. Rec 65' M. All flow pressures not readable. ISI 745. FSI 704. (Severe plugging action, due to low structural position and poor condition of hole it was decided not to retest)	2682	2845		
DST #5 30-30-60-30. Gas to surface in 30" to small to measure. Rec. 60' GCM, 120' GCWM. IF 41-62. FF 62-104. ISI 900. FSI 797.	3010	3050		
DST #6 60-30-60-30. Blo off btm of bucket both opns. Rec. 1700' SW. IF 155-591. FF 591-745. ISI and FSI both 1096.	3197	3260		
DST #7 60-30-30-30. 1st and 2nd opn both wk blo. Rec. 30' M. IF 73-103. FF 103-103. ISI and FSI both 155.	3268	3390		
DST #8 60-30-30-30. 1st opn wk blo. 2nd opn wk blo for 8". Rec 90' M. IF 72-134. FF 134-155. ISI and FSI both 1096.	3382	3480		
DST #9 60-30-60-30. 1st opn gd blo decreasing to fair blo. 2nd opn wk blo. Rec 85' M. IF 135-135. FF 135-135. ISI 539. No FSI recorded.	3476	3560		
DST #10 30-30-30-30. 1st opn wk blo. 2nd opn no blo, flush tool wk blo for 5'. Rec 10' M. IF 61-70. FF 79-79. ISI 105. FSI 88.	3534	3618		