

SIDE ONE

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

DOCKET NO. NP _____

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 ☐ 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 6-30-84

OPERATOR Frontier Oil Company API NO. 15-165-21,159-0000

ADDRESS 125 N. Market, Ste 1720, COUNTY Rush
Wichita, Ks. 67202 FIELD (Wildcat)

** CONTACT PERSON Jean Angle PROD. FORMATION Granite Wash
PHONE (316) 263-1201 ☒ Indicate if new pay.

PURCHASER _____ LEASE Hartman "C"

ADDRESS _____ WELL NO. 1

DRILLING Red Tiger Drilling Company WELL LOCATION NE NE NW
CONTRACTOR 330 Ft. from North Line and
ADDRESS 330 Ft. from East Line of
Wichita, Ks. 67202 the NW (Qtr.) SEC 2 TWP 18SRGE 16(W).

PLUGGING N/A WELL PLAT (Office Use Only)

CONTRACTOR _____

ADDRESS _____

TOTAL DEPTH 3590' PBD N/A

SPUD DATE 12-11-83 DATE COMPLETED SIGW 2/13/84

ELEV: GR 2017' DF _____ KB 2022'

DRILLED WITH (~~CRACK~~) (ROTARY) (~~WIRE~~) TOOLS.

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

Amount of surface pipe set and cemented 1048.20' 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 _____

	*		
	SI		
		2.	

(Office Use Only)

KCC ☒KGS ☒

SWD/REP _____

PLG. _____

NGPA _____

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. The statements and allegations contained therein are true and correct.

Jean Angle
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 25th day of April, 1984.



MY COMMISSION EXPIRES: June 24, 1984

Stella Sewell
(NOTARY PUBLIC)

RECEIVED
STATE CORPORATION COMMISSION
APR 27 1984
4-27-84
CONSERVATION DIVISION
Wichita, Kansas

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

Side TWO
OPERATOR Frontier Oil Company

LEASE NAME

Hartman "C" #1

SEC 2

TWP 18S RGE 16W

(E)?

(W)

WELL NO 1

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.	-0-	230	Post Rock -Shale	
DST 1 (1858-2020) 60-30-60-30 wk to gd blo TO 1st op. Wk to fair blo TO 2nd op. Rec 500' MW. IF 57-185, FF 219-289, ISI 451 FSI 451.	230 417 421 490 585 1051 1086	417 421 490 585 1051 1086 1635	Shale Iron Pirite Shale Sand Shale Anhydrite Shale	
DST 2 (2296-2510) 60-30-60-30 GTS 16". Avg gg 1st op 63,500 CFGPD. Avg gg 2nd op 107,500 CFGPD. Rec 745' frothy,gsyM IF 81-196, FF 219-289, ISI 711 FSI 689	1635 2510 2800 2820 3537	2510 2800 2820 3537 3590	Shale & Lime Lime Lime & Shale Lime Granite Wash RTD	
DST 3 (2627-2800) 60-30-60-30. wk to strg blo in 35" on 1st op. Strg blo TO on 2nd op. Rec 290' GIP, 80' GCM. IF 46-57, FF 69-69, ISI 127, FSI 324.			LOG TOPS Drillers Log	
DST 4 (2968-3010) 60-30-60-30. strg blo in 10" 1st op. GTS 1" on 2nd op. Avg gg 2,232 CFGPD. Rec 30' GCM IF 46-46 FF 46-46 ISI 880 FSI 914.	Winfield Neva Topeka Lansing GranWsh LTD	1912(+110) 2388(-366) 2984(-962) 3278-1256 3522-1500 3592.	Anhydrite Herrington Winfield Ft. Riley Cottonwood Neva Brownville Im Tarkio Lime Elmont Lime Topeka Heebner Toronto Lansing-KC Base-KC Reagan Sand Granite Wash RTD	1051 (+ 971) 1874 (+ 148) 1912 (+ 110) 2066 (- 44) 2326 (- 304) 2390 (- 368) 2617 (- 595) 2724 (- 702) 2781 (- 759) 2984 (- 962) 3222 (-1200) 3239 (-1217) 3274 (-1252) 3511 (-1489) 3514 (-1492) 3527 (-1505) 3590 (-1568)
DST 5 (3088-3216) 60-30-60-30 wk to fr blo 1st op. Fr blo TO 2nd op. Rec 290' WM. IF 57-138 FF 162-208, ISI 846 FSI 824			RELEASED MAR 1 1985	
DST 6 (3220-3290) 60-30-60-30 Vy wk blo 1st op. No blo 2nd op. Rec 10'M. IF 34-46. FF 46-46. ISI 243 FSI 138.			FROM CONFIDENTIAL	
/ continued ...				
If additional space is needed use Page 2				

Report of all strings set — surface, intermediate, production, etc.

CASING RECORD (New) or (Existing)

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"	24#	1056'	60-40 poz	450	2% gel 3% cc

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Secks cement	Shots per ft.	Size & type DPs	Depth interval
N/A			2		3524-3538'
TUBING RECORD					
Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal 7 1/2% FE Acid, 750 gal 7 1/2% FE acid w/15 perf balls @ 1 ball per bbl.	3524-3538'

Date of first production N/A - SIGW	Producing method (flowing, pumping, gas lift, etc.) N/A	Gravity
Estimated Production-L.P.	Oil bbls.	Gas bbls.
Disposition of gas (vented, used on lease or sold)	Water MCF	%
		Gas-oil ratio
		Perforations

PAGE 2 (Side One)

OPERATOR Frontier Oil Co. LEASE NAME Hartman "C"
WELL NO. 1SEC-2 TWP 18S RGE 16W (E)
(W)

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 &
Shut-in pressures, and recoveries.Show Geological markers,
logs run, or Other
Descriptive information.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST 7 (3290-3339) 60-30-60-30 Strg blo GTS 30" TSTM. Gas TSTM 2nd op. Rec 65' GCM. IF 46-46 FF 46-46 ISI 981 FSI 959				
DST 8 (3339 - 3410) 60-30-60-30 Wk to gd blo TO. Rec 300' GLP, 380' GCM. IF 64-144, FF 177-257, ISI 935, FSI 870.				
DST 9 (3410-3480) 60-30-60-30 GTS 2". Avg gg 1st op 453,000 CFGPD Avg gg 2nd op 464,000 CFGPD. Rec 65' GCM. IF 185-150, FF 162-150, ISI 1139, FSI 1117.				
DST 10 (3440-3480) 60-30-60-30. Wk blo TO. 1st op. Wk to vy wk 2nd op. Died in 20". Rec 20' M. IF 57-57 FF 57-57 ISI 57 FSI 57.				
DST 11 (3480-3512) 60-30-60-30 Strg blo TO. 1st op. Strg blo GTS 1" TSTM 2nd op. Rec 20'M. IF 61-61 FF 61-61 ISI 848 FSI 649				
DST 12 (3512-3522) 15-30-15-30 Wk blo 4" Died. 1st op. No blo 2nd op. Rec 10'M. IF 51-51 FF 51-51 ISI 61 FSI 51.				
DST 13 (3512-3537) 60-30-60-30 Vy strg blo GTS 45" TSTM 1st op. Gas TSTM 2nd op. Rec. 60'M. IF 51-51 FF 51-51 ISI 1007 FSI 1007.				
RTD 3590'				

MAY 15 1984

State Geological Survey
WICHITA BRANCH**RELEASED**Date: MAR 1 1985
FROM CONFIDENTIAL**RELEASED**

MAR 11 1985

FROM CONFIDENTIAL

CONFIDENTIAL