

TYPE

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. 15-163-21,795-00-00
ADDRESS 1720 KSB & T Bldg. COUNTY Rooks
Wichita, KS 67202 FIELD Carmicheal
** CONTACT PERSON Jean Stocks PROD. FORMATION LS-KC
PHONE (316) 263-1201
PURCHASER Koch Oil Company LEASE Mosher
ADDRESS P.O. Box 2256 WELL NO. 3
Wichita, KS 67201 WELL LOCATION SW NW SW
DRILLING Red Tiger Drilling Company 990 Ft. from North Line and
CONTRACTOR ADDRESS 1720 KSB & T Bldg. 330 Ft. from West Line of
Wichita, KS 67202 the SW (Qtr.) SEC 33 TWP 8S RGE 18W.

PLUGGING n/a
CONTRACTOR
ADDRESS

WELL PLAT (Office Use Only)
Grid with 33 in the center cell.

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

TOTAL DEPTH 3535' PBD n/a
SPUD DATE 9-7-82 DATE COMPLETED 10-28-82
ELEV: GR 2018 DF 2020 KB 2023

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

Amount of surface pipe set and cemented 263.53 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.

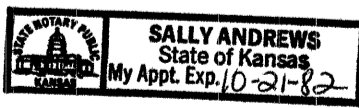
A F F I D A V I T

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
(Name) November

SUBSCRIBED AND SWORN TO BEFORE ME this 10th day of November, 1982.



Signature of Notary Public
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: 10-21-86

RECEIVED STATE CORPORATION COMMISSION

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

RECEIVED STATE CORPORATION COMMISSION

NOV 19 1982

NOV 19 1982 CONSERVATION DIVISION Wichita, Kansas

CONSERVATION DIVISION Wichita, Kansas

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Frontier Oil Company LEASE Mosher #3

SEC.33 TWP.8S 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
Rock & Surface Soil	0	272	Anhydrite	140' (+ 613)
Shale	272	910	Brownville	2674 (- 651)
Sand	910	1110	Tarkio	2769 (- 746)
Shale	1110	1410	Howard	2912 (- 889)
Anhydrite	1410	1448	Topeka	2944 (- 921)
Shale	1448	2910	Heebner	3155 (- 1132)
Shale & Lime	2910	3187	Toronto	3174 (- 1151)
Lime & Shale	3187	3235	Lans-KC	3192 (- 1169)
Shale & Lime	3235	3246	Base KC	3421 (- 1398)
Lime	3246	3336	RTD	3535 (- 1512)
Lime & Shale	3336	3356	4 1/2" Csg	3511 (- 1488)
Lime	3356	3420		
Lime & Shale	3420	3440		
Lime	3440	3535		
RTD		3535		
 DST #1 60-30-60-30. Str blo in 45". 2nd opn blo in 5". Rec. 190' SGSW and 260' MSW. IF 123-308 and FF 308-473. ISI 1016 and FSI 995. (Some plugging of tool on first opn.)	2969	3140		
 DST #2 60-30-20-30. Wk to vy wk blo throughout. 2nd opn vy wk blo for 10", flush tool, no help. Rec. 25' M. IF 61-81. FF 41-41. ISI 649 and FSI 729.	3142	3187		

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"	23#	267.88'	Common	175 sx	2% Gel., 3% C.C.
Production	7-7/8"	4 1/2"	10.5#	3511'	Common	275 sx	10% Salt
DV Tool	7-7/8"	4 1/2"	—	1416'	50-50 Poz	550 sx	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type DP's	Depth interval
			4	DP's	3412-16
			4	DP's	3392-97
			4	DP's	3369-76
			4	DP's	3352-58

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 Gal., 15% Reg.	3412-16
1000 Gal., 15% Reg.	3392-97
500 Gal., 15% Reg.	3369-76
1000 Gal., 15% Reg.	3352-58

Date of first production 10-28-82	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity
RATE OF PRODUCTION PER 24 HOURS	Oil 15.60 bbls	Gas 0 MCF
	Water %	Gas-oil ratio
Disposition of gas (vented, used on lease or sold) N/A	Perforations	3412-16 3369-76 3492-97 3352-58

OPERATOR Frontier Oil Company LEASE NAME Mosher #3

ACO-1 WELL HISTORY

SEC. 33 TWP. 8S 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
DST #3 60-30-60-30. Gd blo throughout both opns. Rec. 265' GM, 60' OSM. IF 101-154 & FF 154-223. ISI & FSI both 859.	3187	3246		
DST #4 60-30-60-30. Stg blo in 5" for both opns. Rec. 1550' GSOSSW. IF 203-568 and FF 608-729. ISI 759 and FSI 769.	3246	3268		
DST #5 60-30-25-30. Vy wk blo for 55". Few bubbles flush tool - no help. Rec. 30' M. IF 50-50 and FF 60-60. ISI 60 and FSI 80.	3266	3280		
DST #6 60-30-60-30. Stg. blo in 15". 2nd opn wk blo throughout. Rec. 940' GSW. IF 51-412 and FF 432-494. ISI 514 and FSI 534.	3280	3295		
DST #7 50-30-15-30. Wk blo for 50'. Died. 2nd opn few bubbles - flushed tool - no help. Rec. 10' M. IF and FF both 10-10. ISI 20 and FSI 30.	3305	3336		
DST #8 60-30-15-30. Wk blo. Died in 20". Flushed tool - no help. 2nd opn no blo. Rec. 5' M. IF and FF both 21-21. ISI and FSI both 30.	3337	3356		
DST #9 60-30-60-30. Wk blo throughout 2nd opn vy wk intermittent blo throughout. Rec. 40' HO and GCM. IF 10-20 and FF 20-30. ISI 380 and FSI 360.	3357	3376		
DST #10 60-30-60-30. Wk blo throughout both opns. Rec 80' G & OCM and 20' GMCO. IF 30-30 and FF 40-100. ISI 809 and FSI 790.	3377	3400		
DST #11 60-30-60-30. Wk blo throughout. 2nd opn vy wk blo for 15". Rec. 2' OPM. All pressures zero. OSM	3400	3420		
DST #12 60-30-30-30. Wk blo for 45". Died. 2nd opn few bubbles - flushed tool - no help. Rec 20' M w/FOS. (Had plugging action on IF.) FF 30-81 and ISI 203 and FSI 285.	3420	3535		