

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
Shale	0	255	Anhydrite	1414(+ 588
Shale w/Sand Streaks	225	900	Brownville	2674(- 672
Sand	900	1148	Tarkio	2759(- 757
Shale & Red Bed	1148	1414	Topeka	2943(- 941
Anhydrite	1414	1453	Heebner	3149(-1147
Shale	1453	1565	Toronto	3170(-1168
Shale w/Red Bed Streaks	1565	1875	Lansing-KC	3188(-1186
Shale	1875	2341	BKC	3404(-1402
Shale & Lime Streaks	2341	2488	Conglomerate	3420(-1418
Shale & Lime	2488	2631	Arbuckle	3433(-1431
Shale w/Lime Streaks	2631	2794	RTD	3436(-1434
Lime	2794	3420	4 1/2"	3434(-1432
Lime, Red Bed & Shale	3420	3436		
RTD		3436		
DST #1 Op 60/SI 30/Op 60/SI 30 1st Op. gd blo/2nd Op gd blo Rec 1620 SW/IF 180/752, FF 735/867 ISIP 973/FSIP 983	2682	2850		
DST #2 Op 60/SI 30/Op 60/SI 30 CBTO/Rec 300' SW/IF 26/104/FF 106/178 ISIP 959/FSIP 941	2950	2990		
DST #3 Op 60/SI 30/Op 60/SI 30 WBITGB/Rec 10' OSM+175' MSW/IF 0/33 FF 53/76/ISIP 580/FSIP 565	3076	3174		
DST #4 Op 60/SI 30/Op 30/SI 30 WB Rec 5'M/All #-0	3146	3814		
DST #5 Op 60/SI 30/Op 60/SI 30 FTDWB Rec 20' WM/IF 42/42 FF 42/42 ISIP 519/FSIP 519	3182	3216		
DST #6 Op 60/SI 30/OP 60/SI 30 1st Op SB/2nd Op WB dead in 35" Rec 1150' SW/IF 246/695/FF 695/695/ISIP 695/FSIP 695	3212	3240		

Report of all strings set— surface, intermediate, production, etc. **CASING RECORD** (New) ~~XXXXXX~~

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"	24#	243	Common	170	3% cc/2% Gel
Production	7 7/8"	4 1/2"	10 1/2#	3434	Common	200	10% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft. none	Size & type	Depth interval

Size	Setting depth	Packer set at
none		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
none	

Date of first production TA 5-6-81	Producing method (flowing, pumping, gas lift, etc.) n/a	Gravity
RATE OF PRODUCTION PER 24 HOURS	Oil n/a Gas n/a Water % n/a MCF	Gas-oil ratio n/a CFPB
Disposition of gas (vented, used on lease or sold) n/a	Perforations	none

15-163-21278-00-00

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Frontier Oil Company LEASE NAME Lowry *

SEC. 33 TWP. 8S. RGE. 19W
Rooks County, Ks.

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FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
(CONTINUATION FROM PG. 1, SIDE 2)				
DST #7 MIS-RUN	3234	3254		
DST #8 Op/60 SI/30 Wk Blo 30" Rec 10' WM/IF 21/21 ISIP 31	3234	3254		
DST #9 Op 60/SI 30/Op 60/SI 30 1st Op Str Blo/2nd Op Wk incr to gd Rec 575' SW/IF 21/184/FF 208/287/ISIP 512 FSIP 512	3250	3276		
DST #10 Op 60/SI 30 Wk blo 10"/ Rec 10' MWSO/IF 21/31 ISIP 311	3280	3312		
DST #11 Op 60/SI 30/Op 60/SI 30 Op 60/SI 30/Op 60/SI 30 Rec 190' WM/ IF 10/45/FF 51/78/ISIP 592/FSIP 590	3306	3336		
DST #12 Op 60/SI 30/Op 60/SI 30 Rec 630' SW/IF 21/300 FF 311/311 ISIP 322/FSIP 322	3330	3348		
DST #13 Op 60/SI 30 Rec 9'WM w/1' O on top IF 0/20 ISIP 207	3348	3372		
DST #14 Op 60/SI 30 Rec 10 OSM IF 20/20 ISIP 51	3368	3410		
DST #15 Op 60/SI 30 Op 60/SI 30 Rec 1006 HOGCW+336' W IF 0/41 FF 287/410 ISIP 1000/FSIP 1020	3392	3436		
[No electrical log run]				
TA 5-6-81				

RECEIVED
STATE CORPORATION COMMISSION
JUL 30 1982
CONSERVATION DIVISION
Wichita, Kansas
7/30/82