

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5140  
name Frontier Oil Company  
address 125 N. Market, Ste 1720  
Wichita, Ks. 67202  
City/State/Zip

Operator Contact Person Jean Angle  
Phone 316-263-1201

Contractor: license # 5302  
name Red Tiger Drilling Company

Wellsite Geologist Steven D. Angle  
Phone 913-628-2586  
PURCHASER Koch Oil Company

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable

06-23-84 07-06-84 07-27-84  
Spud Date Date Reached TD Completion Date

3390' N/A  
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 295.17' feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set 1328' feet

If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-163-22-420-00-00

County Rooks

SE NE SE Sec 24 Twp 7S Rge 19W  
(location)

1650 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

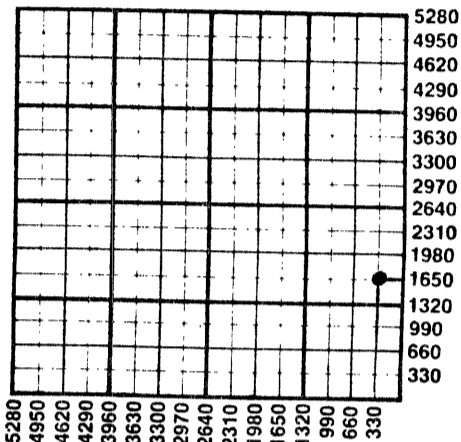
Lease Name Axelson Well# 2

Field Name Axelson

Producing Formation Lansing

Elevation: Ground 1843 KB 1848

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North From Southeast Corner and  
(Well) Ft. West From Southeast Corner of  
Sec Twp Rge  East  West  
 Surface Water Ft North From Southeast Corner and  
(Stream, Pond etc.) Ft West From Southeast Corner  
Sec Twp Rge  East  West  
 Other (explain) Eugene Axelson, Stockton, Ks.  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket # CD-48236/C-20,839

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

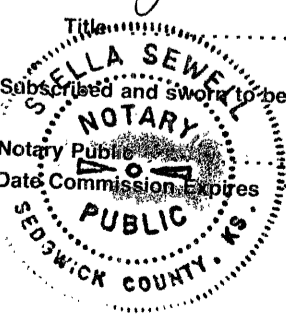
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

SEP 14 1984  
9-14-84

Signature Jean Angle  
Title  
Date

Subscribed and sworn to before me this 13th day of September 19 84  
Notary Public Stella Sewell  
Date Commission Expires June 24, 1988



K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Sec. 24 Twp. 7 Rge. 19W

Operator Name Frontier Oil Company Lease Name Axelson Well# 2 SEC 24 TWP 7S RGE 19W  East  West

**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST 1 (2956-2990) 60-30-60-30 wk to fr blo. Rec 90'  
 VSOSM IF 66-66 FF 76-76 ISI 1062 FSI 1030

DST 2 (2996-3032) 60-30-15-30 wk blo 5" Rec 10'M  
 IF 44-44 FF 55-55 ISI 55 FSI 66

DST 3 (3027-3063) 60-30-60-shut in and hole started  
 flowing wtr. Rec 120'SWM IF 66-87 FF 87-98 ISI 772  
 no FSI

DST 4 (3063-3122) 15-30-15-30 wk blo 8" 2nd op no blo  
 fl tool no help. Rec 10'M IF 76-77 FF 66-66 ISI 480  
 FSI 338

DST 5 (3130-3186) 60-30-60-30 gd strg blo Rec 240' GIP  
 540' M&GCOw/W IF 98-207 FF 240-295 ISI 858 FSI 782

DST 6 (3183-3260) 30-30-15-30 wk blo 11" fl tool no help  
 Rec 30' SOCM IF 76-76 FF 109-120 ISI 739 FSI 933

DST 7 (3258-3340) 15-30-15-30 wk blo 11" flo tool no help  
 Rec 20'M IF 55-44 FF 66-55 ISI 793 FSI 718.

RTD 3390'.

Name	Top	Bottom
Anhydrite	1317	(+ 531)
Topeka	2789	(- 941)
Heebner	2997	(-1149)
Toronto	3019	(-1171)
Lansing-KC	3035	(-1187)
Base KC	3259	(-1411)
Arbuckle	3336	(-1488)
RTD	3390	(-1542)

**RELEASED**

**AUG 12 1960**

**FROM CONFIDENTIAL**

8-12-83

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> used							
Report all strings set - conductor, surface, intermediate, production, etc.							
Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface.....	12-1/4".....	.8-5/8".....	.20#.....	302..52'....	Common....	.200.....	2% gel 3% cc..
Production.....	..7-7/8".....	.4-1/2".....	.10-1/2#	3387'.....	Common....	.250.....	10% Salt.....
DV.....	".....	".....	".....	1328'.....	50-50 Poz	.550.....	8% gel.....
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
4	3166' to 3172'			1000 gal., 15% Regular			3166-3172
4	3132' to 3136'			500 gal., 15% Regular			3132-3136
4	3188' to 3191'			500 gal., 15% Regular			3188-3191
4	3206' to 3210'			500 gal., 15% Regular			3206-3210'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
size 2-3/8" set at 3280' packer at N/A							
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
7-27-84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	11 Bbls	-0- MCF	10. Bbls	N/A	CFPB approx. 437.6°		

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  
 other (specify) .....

**PRODUCTION INTERVAL**  
 All Perforations open.

Dually Completed.  
 Commingled