

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
City/State/Zip Ks. 67202

Purchaser Koch Oil Company
PO Box 2256, Wichita, Ks. 67201

Operator Contact Person Jean Angle
Phone 316-263-1201

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist Steven D. Parker
Phone 316-262-6391

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWNO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
10-20-84 10-30-84 11-16-84
Spud Date Date Reached TD Completion Date
3390' 3320'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1375 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set. feet
If alternate 2 completion, cement circulated from. feet depth to. w/ SX cmt

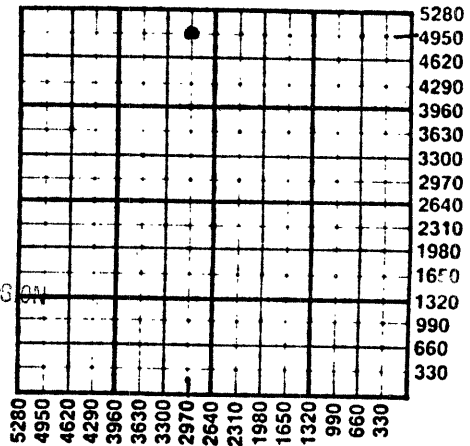
API NO. 15-163-22-523-00-00
County Rooks
100.W/NE.NE.NW Sec.25. Twp.7S. Rge.19W. West

4950 Ft North from Southeast Corner of Section
3970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Schneider 'E' Well #1
Field Name Axelson

Producing Formation Lansing-KC

Elevation: Ground 1891' KB 1896'
Section Plat



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal Repressuring
Docket # C48236, C20,839

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water: Roy Lindquest, Stockton, Ks.
Division of Water Resources Permit #
 Groundwater. Ft North from Southeast Corner (Well) . Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water. 3200 Ft North from Southeast Corner (Spring, pond, etc.) 500 Ft West from Southeast Corner Sec 29 Twp 7S Rge 18 East West
 Other (explain) (purchased from city, R.W.D. #)

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. Rule 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.

Signature Jean Angle
Title Agent Date

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)

Subscribed and sworn to before me this 26th day of December 1984
Notary Public Stella Swell
Date Commission Expires June 24, 1988
PUBLIC SEDGWICK COUNTY, KS

Sec 25 Twp 7S Rge 19W

Operator Name Frontier Oil Company Lease Name Schneider 'E' Well # 1

Sec. 25 Twp. 7S Rge. 19 East West County Rooks

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 (3040-3076) 30-30-30-30 1st op wk blo 11"
 2nd op no blo fl tool no help Rec 10'M w/f sp O
 IF 28-28 FF 28-28 ISI 39 FSI 48.

DST 2 (3073-3095) 60-30-15-30 1st op wk blo
 2nd op no blo Rec 20'M w/f sp O. IF 28-28 FF
 39-39 ISI 981 FSI 990.

DST 3 (3130-3162) 30-30-30-30 1st op wk blo 15"
 2nd op no blo Rec 5'M w/f sp O IF 39-39 FF 39-39
 ISI 552 FSI 446

DST 4 (3164-3196) 30-30-30-30 1st op wk blo 22"
 2nd op no blo Rec 10' O Spt M IF 28-28 FF 28-28
 ISI 1087 FSI 1058

DST 5 (3188-3227) 30-30-15-30 1st op wk blo 5"
 2nd op no blo Rec 10' O Spt M IF 33-33 FF 33-33
 ISI 107 FSI 68

Name	Top	Bottom
Anhydrite	1368	(+ 528)
Howard	2776	(- 880)
Topeka	2837	(- 941)
Heebner	3042	(-1146)
Toronto	3066	(-1170)
Lansing	3081	(-1185)
Base KC	3304	(-1408)
Arbuckle	3351	(-1455)
RTD	3390	(-1494)

RELEASED
 5-29-86
MAY 29 1986

FROM CONFIDENTIAL

/continued ...

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	17-1/2"	13-3/8"	24#	91'	Common	.125	.2% gel .3% cc
	12-1/4"	8-5/8"		1380'	60-40 Poz	.475	.2% gel .3% cc
Production	7-7/8"	4-1/2"	10-1/2#	3389'	Common	.175	.10% salt

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	3083' - 3087' 3121' - 3124'		
4	3167' - 3172'	500 gal 15% Regular	3167-3172'
4	3216' - 3218'	500 gal 15% Regular	3216-3218'
4	3236' - 3238'	500 gal 15% Regular	
4	3252' - 3254' 3258' - 3260'	500 gal 15% Regular (continued ...)	

TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Size	Set At	Packer at	
2-3/8"		3260'	

Date of First Production	Producing Method
11-16-84	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	9 Bbls	N/A MCF	12 Bbls	N/A CFPB	28°

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled

All perms above

 3320'

CONFIDENTIAL

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Frontier Oil Company LEASE NAME Schneider "E" #1 SEC. 25 TWP. 7S RGE. 19W

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
<p>DST 6 (3226-3246) 30-30-15-30 1st op wk blo 11" 2nd op no blo Rec 10'M w/O in tool IF 28-28 FF 39-39 ISI 252 FSI 87</p> <p>DST 7 (3245-3265) 60-30-60-30 strg blo both ops. Rec 210'M, 40' SOCM (20% G, 4% O, 5% W, 71% M) 185' OGWCM (24% G, 14% O, 9% W, 53% M), 190' OGWCM (32% G, 21% O, 22% W, 25% M), 130' OGWCM (25% G, 45% O, 20% W, 10% M) total 505' OGWCM wtr 9,000 ppm, Mud 5,000 ppm IF 136-319 FF 339-388 ISI 1184 FSI 1058</p> <p>DST 8 (3263-3288) 60-30-60-30 wk bldg to fr both ops Rec 195' G&OCM, 4%W (3 samples - 9% G, 18% O, 73% M, 20% G 25% O, 10% W, 45% M, 15% G, 20% O, 5% W, 60% M) IF 63-73 FF 98-116 ISI 1107 FSI 1069</p> <p>DST 9 (3288-3310) 30-30-30-30 1st op wk blo 12" 2nd op no blo Rec 10'M w/f sp 0 IF 28-28 FF 39-39 ISI 87 FSI 68</p> <p>RTD 3390'</p> <p>Perforations continued -</p> <p>4 shots per ft 3274'-3282' - 500 gal 15% Regular acid.</p> <p>1 shot per ft - 3346' - 3332' - 1000 gal 15% INS acid.</p>				

RELEASED

MAY 29 1986

FROM CONFIDENTIAL

