

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
City/State/Zip Wichita, Ks. 67202

Purchaser: N/A

Operator Contact Person Jean Angle
Phone 316-263-1201

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist Richard Parker
Phone 913-483-5348

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

2-17-85 2-27-85 7-11-85
Spud Date Date Reached TD Completion Date

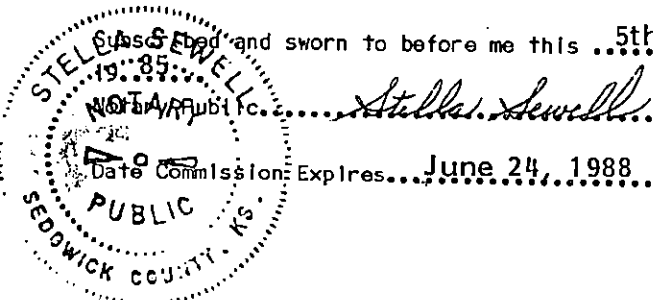
4133' N/A
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 21.9 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

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



API NO. 15-145-21-187-0000
County Pawnee
SE NW NE Sec. 21 Twp. 20S Rge. 18W West

4290 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

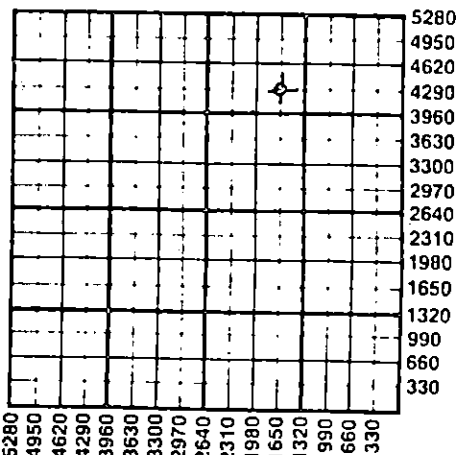
Lease Name Cox "A" Well # 1

Field Name (Wildcat)

Producing Formation N/A

Elevation: Ground 2202' KB 2207'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: N/A Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
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 5000 Ft North from Southeast Corner (Stream, pond etc) 5000 Ft West from Southeast Corner Sec 20 Twp 20 Rge 17 East West

Other (explain) (purchased from city, R.W.D. #)

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. 21 Twp 20S Rge 18W

Operator Name Frontier Oil Company Lease Name Cox "A" Well # 1

Sec. 21 Twp. 20S Rge. 18W East West County Pawnee

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. Not logged.

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

Formation Description
 Log Sample

DST 1 (3666-3698) 30-30-30-30 fair inc to gd blo both ops Rec 190' WM, 505' GCSW IF 82-206 FF 268-370 ISI 1216 FSI 1216.

DST 2 (4072-4090) 60-30-60-30 gd blo both ops 7" in bkt Rec 615' MSW IF 62-185 FF 185-350 ISI 1156 FSI 1116

DST 3 (4092-4117) 30-30-30-30 1st op wk blo dd 25" 2nd op no blo Rec 25'M IF 82-62 FF 82-62 ISI 655 FSI 514

DST 4 (4119-4133) 60-30-60-30 1st op gd inc to strg blo 2nd op strg blo TO Rec 30' MSW w/sp 0, 372' MSW, 1 cup FO top of tool IF 41-103, FF 123-185 ISI 1136 FSI 1016

RTD 4133'.

Name	Top	Depth
Anhydrite	1294	(+ 913)
Topeka	3255	(-1048)
Heebner	3601	(-1394)
Toronto	3617	(-1410)
Lansing	3652	(-1445)
Base KC	3953	(-1746)
Sand	4081	(-1874)
Cherty Cong	4097	(-1890)
Arbuckle	4115	(-1908)
RTD	4133	(-1926)

RELEASED
CONFIDENTIAL NOV 13 1986
FROM CONFIDENTIAL

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 1/2"	8-5/8"	20#	219'	60-40 Poz	160	2% gel 3% cc
N/A				PERFORATION RECORD			
Shots Per Foot	Specify Footage of Each Interval Perforated			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth	
TUBING RECORD				Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
N/A							
Date of First Production	Producing Method						
N/A	<input type="checkbox"/> Flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

