

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

Operator Contact Person Jean Angle  
Phone 316-263-1201

Contractor: license # 5302  
name Red Tiger Drilling Company

Wellsite Geologist Dick Parker  
Phone 913-483-5348

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  
9-7-84 9-13-84 9-27-84  
Spud Date Date Reached TD Completion Date

3664' N/A  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 362' feet

Multiple Stage Cementing Collar Used?  Yes  No

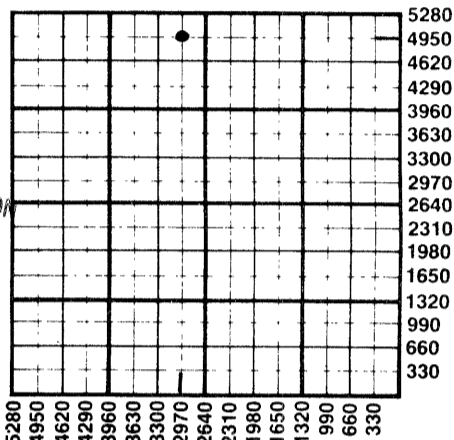
If Yes, Show Depth Set FO Tool @ 1745' feet

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

API NO. 15 - 163-22,471-00-00  
County Rooks  
NE NE NW Sec 10 Twp 7S Rge 20W  
(location)  
4950 Ft North from Southeast Corner of Section  
2970 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name Probasco "A" Well# 1  
Field Name Wildcat PROBASCO  
Producing Formation Lansing  
Elevation: Ground 2159' KB 2164'

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
OCT 9 1984  
CONSERVATION DIVISION  
Wichita, Kansas

10-9-84

WATER SUPPLY INFORMATION

Source of Water: Terry Gottschalk, Logan, Ks.  
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 2300 Ft North From Southeast Corner and  
4100 Ft West From Southeast Corner  
Sec 2 Twp 7S Rge 20  East  West

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

Disposition of Produced Water:  Disposal  Repressuring

Docket #

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.

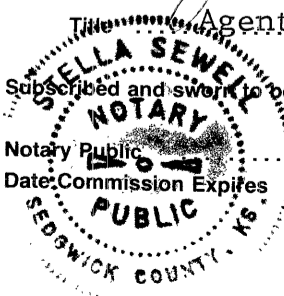
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature Jean Angle  
Title Agent Date 10-5-84

Subscribed and sworn to before me this 5th day of October 19 84

Notary Public Stella Sewell  
Date: Commission Expires 6-24-88



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

Sec. 10 Twp. 7 Rge. 20W

Operator Name Frontier Oil Company Lease Name Probasco 'A' Well# 1 SEC 10 TWP. 7S RGE. 20W  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 (3378-3412) 60-30-60-30 1st op wk blo. 2nd op wk blo. Rec 80' MSW/few spks O. IF 48-85, FF 70-74. ISI 959 FSI 970.

DST 2 (3410-3472) 30-30-30-30. 1st op wk blo 10". 2nd op no blo. Rec 20'M/few spks O. IF 68-79 FF 79-79 ISI 1217 FSI 1206.

DST 3 (3529-3565) 60-30-60-30 1st op wk blo dd 10". Flushed tool - vy wk blo TO. Rec 30'O, 35' OCM. IF 45-56. FF 68-79. ISI 113. FSI 272.

RTD. 3664'.

Name	Top	Bottom
Anhydrite	1715	(+ 449)
Topeka	3142	(- 978)
Heebner	3347	(-1183)
Toronto	3371	(-1207)
Lansing-KC	3385	(-1221)
Base of KC	3592	(-1428)
Conglomerate	3632	(-1468)
RTD	3664	(-1500)

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#	369'	60-40 Poz	220	2% gel 3% cc
Production	7-7/8"	4-1/2"	10#	3663'	Common	200	10% Salt
FO Tool	"	"	-	1745'	-	-	-

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	3534' to 3538'	500 gal. 15% Regular	3534-3538'
4	3552' to 3556'	500 gal. 15% Regular	3552-3556'

TUBING RECORD			
size 2"	set at 3568'	packer at N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First Production 9-28-84	Producing method <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 Testing. Bbls	Gas N/A MCF	Water Gas-Oil Ratio Gravity Bbls CFPB

Disposition of gas:  vented N/A  
 sold  
 used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  
 other (specify) \_\_\_\_\_  
 Dually Completed.  
 Commingled

**PRODUCTION INTERVAL**  
 3534-3538'  
 3552-3556'