

10/18/84  
KCC

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 Richard 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  
.09-24-84 .10-03-84 .10-13-84  
Spud Date Date Reached TD Completion Date

3575' N/A  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 200' @ 208' feet

Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set 1697' feet

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

API NO. 15-163-22,494-00-00

County Rooks

NE NW NW Sec. 10 Twp. 7S Rge. 20W

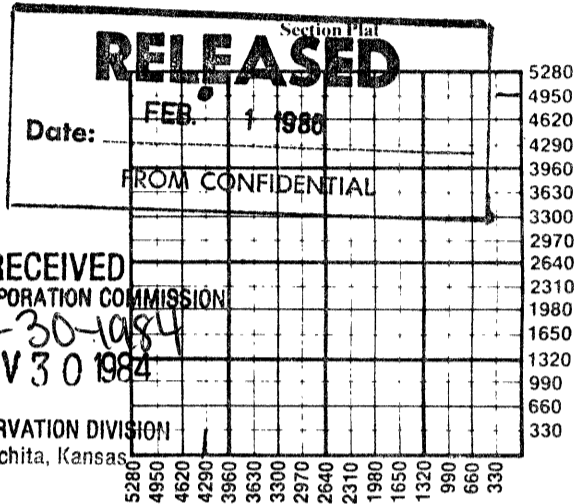
4950 Ft North from Southeast Corner of Section  
4290 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name Probasco "A" Well# 3

Field Name Probasco

Producing Formation Lansing-KC

Elevation: Ground 2093' KB 2093'



STATE CORPORATION COMMISSION  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water: Stanley Probasco, Stockton, Ks.

Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner of (Well) Ft. West From Southeast Corner  
Sec Twp Rge  East  West

Surface Water 750 Ft North From Southeast Corner and (Stream, Pond, etc.) 1100 Ft West From Southeast Corner  
Sec 10 Twp 7S Rge 20W  East  West

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

Disposition of Produced Water: N/A  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 11-29-84

Subscribed and sworn to before me this 29th day of November 19 84  
Notary Public Stella Sewell 30 1984  
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)

CONFIDENTIAL  
State Geological Survey  
WICHITA BRANCH

Sec 10 Twp 7S Rge 20W

Operator Name Frontier Oil Company... Lease Name Probasco A Well# 3 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 (3306-3318) 30-30-30-30 1st op wk blo 1' 2nd op no blo Rec 1'FO, 2'M (FO may have come out of tool from last hole) IF 45-45 FF 45-45 ISI 678 FSI 68

Name	Top	Bottom
Anhydrite	1656	(+ 442)
Topeka	3076	(- 978)
Heebner	3281	(-1183)
Toronto	3304	(-1206)
Lansing	3319	(-1221)
Base KC	3522	(-1424)
Arbuckle	3555	(-1457)
RTD	3575	(-1477)

DST 2 (3314-3340) 60-30-60-45 1st op blo off btm 7 1/2' 2nd op blo TO. Rec 1230'SW IF 45-386 FF 432-568 ISI 928 FSI 928

DST 3 (3364-3408) 30-30-15-30 wk blo 10' Rec 3'M IF 34-34 FF 34-34 ISI 68 FSI 68

DST 4 (3408-3460) 15-30-15-30 wk blo 1' Rec 3'M IF 68-68 FF 68-68 ISI 770 FSI 681

DST 5 (3460-3478) 60-45-60-45 strg blo Rec 1300' GIP, 2045' CGO, 62' HO&GCM IF 204-623 FF 702-747 ISI 702 FSI 804

DST 6 ( 3478- 3498) 165-45 wk inc to strg blo. Rec 300' GIP, 240' CGO, 40' GMOO IF 45-135 FSI 914 tool did not shut in.

DST 7 (3514-3560) 30-30-15-30 1st op wk blo 2nd op no blo. Rec 15' OCM IF 45-45 FF 45-45 ISI 113 FSI 90

DST 8 ( 3557-3570) 60-30-60-30 fr blo both ops Rec 60' O, 15' MCO, IF 22-45 FF 45-57 ISI 79 FSI 226

DST 9 (3557-3575) 30-30-30-30 fr blo both ops Rec 70' MCO IF 45-56 FF 68-68 ISI 124 FSI 260.

RTD 3575.

RELEASED  
 FEB 07 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	12-1/4"	8-5/8"	20#	208'	Common	160	2% gel 3% cc
DV	7-7/8"	4-1/2"	10-1/2#	1697'	50-50 Poz	550	6% gel
Production	"	"	"	3560'	Common	200	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	3462' to 3468'		
4	3475' to 3482'	500 gal, 15% Regular Acid.	3475-3482'

<b>TUBING RECORD</b> size 2-3/8" set at 3537' packer at N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production 10-13-84	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)
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Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
115 Bbls		-0- MCF	-0- Bbls	N/A	CFPB 36.5°

Disposition of gas: <input type="checkbox"/> vented <input type="checkbox"/> sold <input type="checkbox"/> used on lease	METHOD OF COMPLETION <input type="checkbox"/> open hole <input checked="" type="checkbox"/> perforation <input type="checkbox"/> other (specify)	PRODUCTION INTERVAL 3462 - 3468' 3475 - 3482'
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CONFIDENTIAL  Dually Completed.  Commingled