

10/25/84
KC

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
10-06-84 10-14-84 10-25-84
Spud Date Date Reached TD Completion Date

3625' N/A
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 197.79' @ .205' feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set 1688' feet

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

API NO. 15 - 163-22,506-00-00

County Rooks

NW NW NW Sec 10 Twp 7S Rge 20W

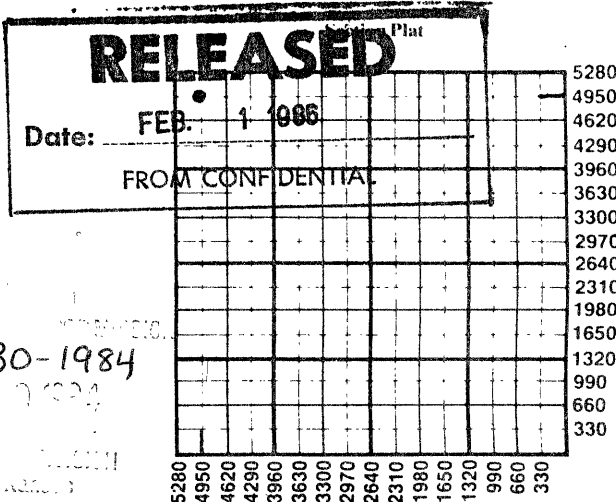
4950 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Probasco "A" Well# 4

Field Name Probasco

Producing Formation Lansing-KC

Elevation: Ground 2104' KB 2109'



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 of Sec Twp Rge East West

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

Other (explain) (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.

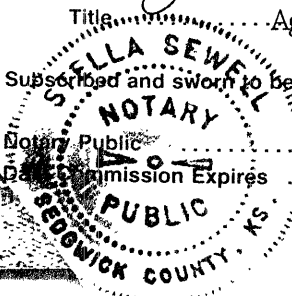
Signature Jean Angle
Title Agent Date 11-29-84

Subscribed and sworn to before me this 29th day of November 19 84

Notary Public Stella Sewell
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)
NOV 30 1984
Form ACO-1 (7-84)

CONFIDENTIAL State Geological Survey
WICHITA, KANSAS



Operator Name Frontier Oil Company Lease Name Probasco A Well# 4 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 test 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

Name	Top	Bottom
Anhydrite	1672	(+ 437)
Topeka	3090	(- 981)
Heebner	3292	(-1183)
Toronto	3316	(-1207)
Lansing	3330	(-1221)
Base KC	3535	(-1426)
Cherty Cong.	3573	(-1464)
Arbuckle	3611	(-1502)
RTD	3625	(-1516)

DST 1 (3354-3374) 60-30-60-30 strg blo both ops
 Rec 1080' GIP, 1890' CGO IF 90-520 FF 554-694
 ISI 1128 FSI 1128.

DST 2 (3374-3418) 60-30-60-30 strg blo both ops
 Rec 90'M, 620' MSW IF 90-226 FF 226-384 ISI 948
 FSI 903

DST 3 (3468-3486) 60-30-60-30 strg blo both ops
 Rec 1120' GIP, 1650' CGO, IF 113-486 FF 542-610
 ISI 681 FSI 655

DST 4 (3488-3508) 150-30 tool malfunctioned fair to
 strg blo Rec 420' GIP, 90' CGO, 90' MCGO IF 45-102
 FSI 768

DST 5 (3520-3570) 30-30-30-30 wk blo Rec 10'M
 IF 57-57 FF 57-57 ISI 193 FSI 113

RTD 3625'

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#	205'	Common	160	2% gel 3% cc
FO Tool	"	"	"	1688'	-	-	-
Production	"	"	"	3620'	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	3369' to 3374'	500 gal. 15% regular	3369-3374'
4	3480' to 3486'	500 gal. 15% regular	3480-3486'
4	3495' to 3501'	500 gal. 15% regular	3495-3501'

TUBING RECORD			
size	set at	packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2-3/8"	3540'	N/A	

Date of First Production	Producing method				
10-25-84	<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
	118.20 Bbls	-0- MCF	78.80 Bbls	N/A CFPB	36.5° Ap

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

Dually Completed.
 Commingled

PRODUCTION INTERVAL

3369-3374'
 3480-3486'
 3495-3501'