

1019184 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 [X] New Well [] Re-Entry [] Workover

[X] 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: [X] Mud Rotary [] Air Rotary [] Cable .09-16-84 .09-24-84 .10-09-84 Spud Date Date Reached TD Completion Date

.3615! 3570! Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 203.86! @ 211.66 feet

Multiple Stage Cementing Collar Used? [X] Yes [] No

If Yes, Show Depth Set 1699 . feet

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

API NO. 15-163-22,484

County Rooks

40'E of NW NE NW Sec 10 Twp 7S Rge 20W (location)

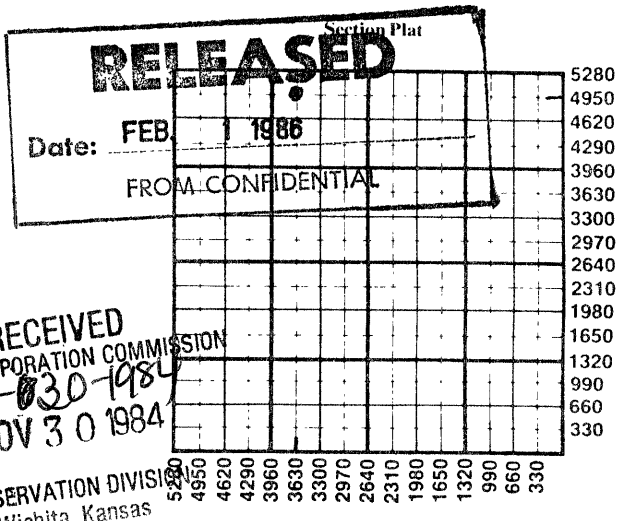
4950 Ft North from Southeast Corner of Section 3590 Ft West from Southeast Corner of Section (Note: locate well in section plat below)

Lease Name Probasco "A" Well# 2

Field Name Probasco

Producing Formation Lansing-KC

Elevation: Ground 2138' KB 2143'



RECEIVED STATE CORPORATION COMMISSION NOV 30 1984 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 and (Well) Ft. West From Southeast Corner of Sec Twp Rge [] East [] West

[X] Surface Water 750 . Ft North From Southeast Corner and 1100 . Ft West From Southeast Corner Sec 10 Twp 7S Rge 20 [] East [X] West

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

Disposition of Produced Water: -0-Wtr. [] 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.

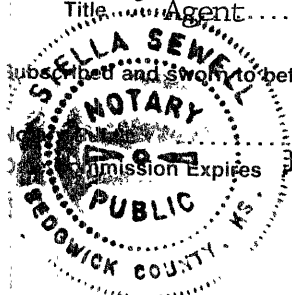
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

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 Stella Sewell NOV 30 1984 Commission Expires June 24, 1988



CONFIDENTIAL State Geological Survey WICHITA, KANSAS

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

Form ACO-1 (7-84)

Sec. 10 Twp. 7S Rge. 20W

Operator Name Frontier Oil Company Lease Name Probasco A Well# 2 SEC 10 TWP 7S RGE 20W

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 (3354-3390) 30-30-30-30 wk blo Rec 10' CO, 20' OCM
 IF 40-50 FF 45-57 ISI 887 GSI 261

DST 2 (3406-3450) 60-30-60-30 1st op wk blo 2nd op
 vy wk blo dd 40" Rec 45' OCM, 15' CO IF 56-68
 FF 70-72 ISI 210 FSI 156

DST 3 (3450-3502) 30-45-30-45 1st op wk blo dd 10"
 2nd op no blo fl tool no help Rec 10'M IF 45-45
 FF 45-56 ISI 858 FSI 813

DST 4 (3502-3520) 60-45-60-45 Rec 980' GIP, 1180' O
 IF 68-385 FF 362-475 ISI 881 FSI 892 strg blo both
 ops.

DST 5 (3520-3540) 165-45 1st op not shut in. Rec 600'
 GIP, 360' O IF 45-159 FSI 894

DST 6 (3603-3610) 30-45-30-45 1st op sever plug act
 2nd op wk blo 15" Rec 10'M w/f sp O. FF 45-45 FSI 547

DST 7 (3603-3615) 60-30-60-45 strg blo dec sl.
 Rec 360' GIP, 465' O. IF 40-148 FF 182-216 ISI 193
 FSI 352.

RTD 3615'

Name	Top	Bottom
Anhydrite	1697	(+ 446)
Topeka	3119	(- 976)
Heebner	3324	(-1181)
Toronto	3347	(-1204)
Lansing	3361	(-1218)
Base KC	3570	(-1427)
Arbuckle	3600	(-1457)
RTD	3615	(-1472)

RELEASED

FEB 07 1986

FROM CONFIDENTIAL

2-7-86

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#	211.66'	Common	150	2% gel 3% cc
DV	7-7/8"	4-1/2"	10-1/2#	1699'	50-50 Poz	550	5% gel
Production	"	"	"	3603'	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	3508' to 3514'	500 gal 15% Regular Acid	3508-3514'
4	3522' to 3532'	500 gal 15% Regular Acid	3522-3532'

TUBING RECORD				Liner Run	
size	set at	packer at		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
2-3/8"	3539'	N/A			

Date of First Production	Producing method				
10-09-84	<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
	103 Bbls	-0- MCF	-0- Bbls	-0- CFPB	

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

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL

3508 - 3514'

3522 - 3532'