

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 # 9926
Name Boese Brothers
Address Box 696
City/State/Zip Monument, Kansas 67747

Purchaser KOCH

Operator Contact Person Ronald D. Boese
Phone 913-672-3545

Contractor: License #
Name Abercrombie Drilling, Inc.

Wellsite Geologist Jim Hardin
Phone 913-628-3918

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

6/6/85 Spud Date 4745
6/13/85 Date Reached TD 2651
6/12/85 Completion Date
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 210 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set... feet
If alternate 2 completion, cement circulated from 2651 feet depth to surface w/ 600 SX cmt

API NO. 15-109-20,374-0000

County Logan

C SE SE 20 12 33 East West

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

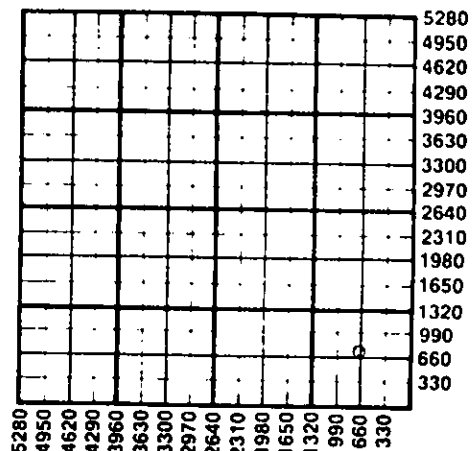
Lease Name Bertrand Well # 3

Field Name Owen Ext. West

Producing Formation Kansas City

Elevation: Ground 3148 KB 3153

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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... Ft North from Southeast Corner (Stream, pond etc)... Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain) Farm pond (purchased from city, R.W.D. #)

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 Ronald D. Boese

Title Partner Date 7/15/85

Subscribed and sworn to before me this 15 day of July 1985

Notary Public Patricia M. Miller

Date Commission Expires October 14, 1985

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)
RECEIVED
STATE CORPORATION COMMISSION

PATRICIA M. MILLER
NOTARY PUBLIC
State of Kansas
My Appt. Expires 10-14-85

Form ACO-1 (7-84)
7-22-85
CONSERVATION DIVISION
Wichita Kansas

Section 12 Page 3210

SIDE TWO

Operator Name Boese Brothers Lease Name Bertrand Well # 3

Sec. 20 Twp. 12 Rge. 33 East West County Logan

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#1-4169-4200-60/60/60/60 1st open FP 23/290
 SIP 1196 2nd open FP 295/452 SIP 1146
 REC. 940 WATER
 DST#2-4299-4337-60/60/60/60 1st open FP 18/157
 SIP 482 2nd open FP 159/285 SIP 482
 REC. 650 WATER

Name	Top	Bottom
Anhydrite	2638	
Topeka	3833	
Heebner	4056	
Lansing/KC	4099	
Base KC	4400	
Marmaton	4436	
Ft. Scott	4591	
Cherokee	4619	
Johnson	4661	
Mississippi	4737	

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 1/2	210	60/40/P.C.	150	2% gel 3% cc
Production	7 7/8"	4 1/2"	10 1/2	2651	RLite	450	
					Common	150	2% gel 3% gel

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	2200-2250	None	
2	2120-2140	None	

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Size	Set At	Packer at			
2 3/8"	1608	1610			

Date of First Production	Producing Method
	<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	
			Injection rate	2 BBL MIN.	

METHOD OF COMPLETION

Production Interval

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

15-109-20374-0000

ABERCROMBIE DRILLING, INC.

801 UNION CENTER
WICHITA, KANSAS 67202

OPERATOR: Boese Brothers
CONTRACTOR: Abercrombie Drilling, Inc.

BERTRAND #3 (Rig #5)
C SE SE
Sec. 20-12S-33W
Logan Co., KS

Boese Brothers
Monument, KS 67747

913-672-3545

Oper. # 9926
Page 2 API# 15-109-20,374

6/12/85 4680' Drlg. Cut 265'/24 hrs. 23 1/4 hrs. Drlg., 3/4 hrs. Other. Bit #2, HP-53, (SN 1289) Mud wt. 9.8, Visc. 46, PV/YP 14/32, gels 9/26. Mud wt. 9.6, ph 7, 41,000 Chl., 8.6% Sol., Daily mud \$395.00, Acc. mud \$4282.50. Bit wt. 38,000# @ 60 RPM. Pump press. 1000# @ 48 SPM.

6/13/85 TD 4745'. Cut 65'/24 hrs. 4 3/4 hrs. Drlg., 16 1/2 hrs. DW, 3 hrs. Other. Daily mud \$202.50, Acc. mud \$4485.00. Ran 63 jts. of 10 1/2# 4 1/2" casing (tally 2645.59') set @ 2651' and cemented with 450 sx. BJ Lite, followed with 150 sx. Common, 2% gel, 3% c.c. Cement did circ. Plug down 4:15 a.m., 6/13/85.

RECEIVED
STATE CORPORATION COMMISSION

JUL 21

CONSERVATION DIVISION
Wichita, Kansas