

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

API NO. 15 - 109-20,348-0000  
County Logan  
C NE SW NE Sec 26 Twp 11S Rge 33

...3630... Ft North from Southeast Corner of Section  
...1650... Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

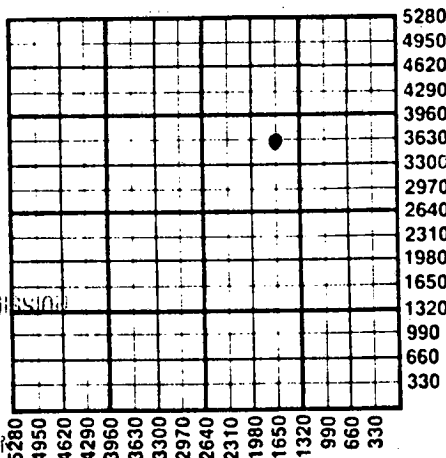
Lease Name Bertrand Well# 63-26..

Field Name

Producing Formation

Elevation: Ground 3107 KB 3112

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
OCT 22 1984  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:  
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... Ft North From Southeast Corner and  
(Stream, Pond etc.)... Ft West From Southeast Corner  
Sec Twp Rge  East  West  
 Other (explain) .....  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Operator: license # 7506  
name First Energy Corporation  
address 16701 Greenspoint Park Drive  
Suite 200  
City/State/Zip Houston, Texas 77060

Operator Contact Person Gayle Carter  
Phone (713) 847-5755

Contractor: license # 6033  
name Murfin Drilling Company

Wellsite Geologist Anthony Kruse  
Phone (913) 628-2993

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  
9-6-84 9-15-84 9-16-84  
Spud Date Date Reached TD Completion Date  
4771  
Total Depth PBDT  
Amount of Surface Pipe Set and Cemented at 345 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set feet  
If alternate 2 completion, cement circulated  
from feet depth to w/ SX cmt

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 *Gayle Carter*  
Title Production Clerk Date 10-18-84

Subscribed and sworn to before me this 18th day of October 1984

Notary Public  *Pamela R. Ambler*  
Date Commission Expires 6-07-87

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)

Form ACO-1  
(This form supercedes  
previous forms  
ACO-1 & C-10)

Sec. 26 Twp. 11 S. Rge. 33 E

Operator Name First Energy Corporation Lease Name Bertrand Well# 63-26 SEC. 26 TWP. 11S. RGE. 33

West

**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests  
 ving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static  
 vel, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach  
 tra 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

ST#1 4215'-4240' (Lansing/KC)  
 0-60-60-120, Temp. = 117°  
 FP: 71-71 SIP: 1255-1265  
 FP: 81-81 Hy mud: 2242-2212  
 ec'd 5' oil & gas cut mud, Chl=28,000 ppm

Name	Top	Bottom
Topeka	3744'	
Toronto	4050'	
Lansing/KC	4064'	
Pawnee	4494'	
Ft. Scott	4521'	
Cherokee	4540'	
Mississippian	4671'	

ST#2 4258'-4288' (Lansing/KC)  
 0-60-60-120, Temp. = 117°  
 FP: 61-61 SIP: 102-71  
 FP: 61-61 Hy mud: 2350-2311  
 ec'd 5' oil spotted mud

Logs  
 CNL  
 DIL

ST#3 4284'-4322' (Lansing/KC)  
 0-60-60-120, Temp. = 118°  
 FP: 91-91 SIP: 1275-1275  
 FP: 102-112 Hy mud: 2281-2243  
 ec'd 100' gas, 30' oil cut watery mud  
 110' mud cut water, Chl=28,000 ppm

ST#4 4595'-4643' (Johnson)  
 0-60-30-90, Temp. = 122°  
 FP: 71-61 SIP: 183-132  
 FP: 61-51 Hy mud: 2370-2340  
 ec'd 30' mud

RELEASED  
 JAN 17 1986  
 FROM CONFIDENTIAL

CASING RECORD <input 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	24	345'	60-40. POZ.	250	3%CC, 2% 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
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
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		
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 type="checkbox"/> perforation <input type="checkbox"/> other (specify)		PRODUCTION INTERVAL	
				<input type="checkbox"/> Dually Completed. <input type="checkbox"/> Commingled			