

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 # 7506 name First Energy Corporation address 16701 Greenspoint Park Dr. Suite 200 City/State/Zip Houston, Texas 77060

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

Contractor: license # 6033 name Murfin Drilling Co.

Wellsite Geologist Henry C. Hobbs Phone (303) 586-5277

Designate Type of Completion

New Well Re-Entry Workover

Oil Gas Dry SWD Inj Other (Core, Water Supply etc.) Temp Abd Delayed Comp.

If OWWO: old well info as follows:

Operator Well Name Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

9-17-84 9-27-84 9-28-84 Spud Date Date Reached TD Completion Date

4700' Total Depth PBSD

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

API NO. 15-109-20352-00-00

County Logan

NE NW SE Sec 26 Twp 11S Rge 33 West

2310 Ft North from Southeast Corner of Section 1650 Ft West from Southeast Corner of Section

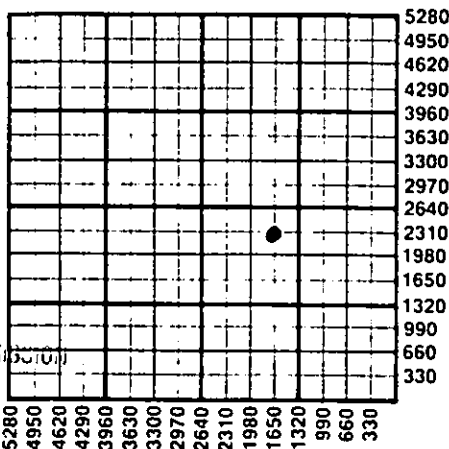
Lease Name Bertrand Well# 65-26

Field Name Wildcat

Producing Formation

Elevation: Ground 3092' KB 3097'

Section Plat



RECEIVED STATE CORPORATION COMMISSION

DEC 26 1984

WATER SUPPLY INFORMATION

Wichita, Kansas

Source of Water: Division of Water Resources Permit #

Groundwater Ft North From Southeast Corner and Ft West From Southeast Corner of Sec Twp Rge East West

Surface Water Ft North From Southeast Corner and 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 #

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.

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.

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 Title Production Clerk Date 12-17-84

Subscribed and sworn to before me this 17th day of December 1984

Notary Public Date Commission Expires June 7, 1987

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

Sec. 11, Twp. 11, Rge. 33

Operator Name First Energy Corporation Lease Name Bertrand Well# 65-26 SEC 26 TWP. 11S RGE. 33 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 4170'-4220' (Lansing/KC)
 30-60-60-120
 IHP: 2271 FHP: 2212
 IFP: 102-132 FFP: 204-255
 ISIP: 1275 FSIP: 1275
 Rec'd 186' gas, 221' heavy oil & gas cut mud

DST#2 4230'-4263' (Lansing/KC)
 30-60-30-60, BHT=116°F
 IHP: 2330 FHP: 2291
 IFP: 112-183 FFP: 265-275
 ISIP: 1305 FSIP: 1305
 Rec'd 744' gas, 62' gas cut mud & oil, 496' frothy muddy oil

DST#3 4263'4295' (Lansing/KC)
 30-60-30-60, BHT=118°F
 IHP: 2330 FHP: 2301
 IFP: 132-204 FFP: 275-275
 ISIP: 12-85 FSIP: 1275
 Rec'd 280' gas, 124' oil cut mud, 186' heavy oil & gas cut mut, 248' gassy mud

DST#4 4575'-4620' (Cherokee)
 30-60-30-60, BHT=120°F
 IHP: 2475 FHP: 2448
 IFP: 61-51 FFP: 61-51
 ISIP: 749 FSIP: 619
 Rec'd 15' mud w/oil specs

Name	Top	Bottom
Dakota	1348'	
Topeka	3724'	
Lansing/KC	4040'	
Marmaton	4354'	
Pawnee	4467'	
Ft. Scott	4502'	
Cherokee	4528'	
Mississippian	4660'	

Logs

Guard Log

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			
size	set at	packer at					
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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity		
				CFPB			

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL

Dually Completed.
 Commingled