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STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

**L COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY**

DESCRIPTION OF WELL AND LEASE

API NO. 15 - 109-20352

County Logan

NE NW SE Sec 26 Twp 11S Rge 33 East West
(location)

2310 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

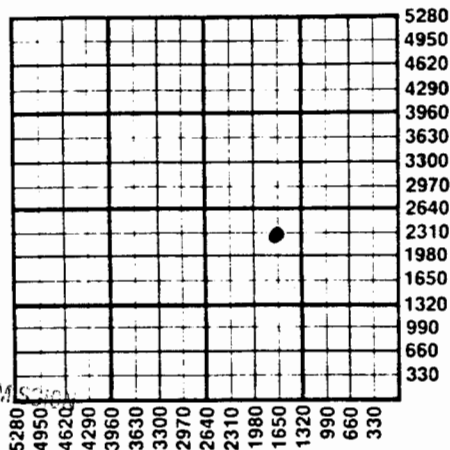
Lease Name Bertrand Well# 65-26

Field Name Wildcat

Producing Formation

Elevation: Ground 3092' KB 3097'

Section Plat



RECEIVED
STATE CORPORATION COMMISSION

DEC 26 1984

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

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

If 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 Reached TD Completion Date

4700'
Total Depth PBTD

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.

JAN

9 1985

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
 LHP: 2271 FHP: 2212
 LFP: 102-132 FFP: 204-255
 LSIP: 1275 FSIP: 1275
 Rec'd 186' gas, 221' heavy oil & gas cut mud

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

DST#2 4230'-4263' (Lansing/KC)

30-60-30-60, BHT=116°F
 LHP: 2330 FHP: 2291
 LFP: 112-183 FFP: 265-275
 LSIP: 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
 LHP: 2330 FHP: 2301
 LFP: 132-204 FFP: 275-275
 LSIP: 12-85 FSIP: 1275
 Rec'd 280' gas, 124' oil cut mud, 186' heavy oil & gas cut mut, 248' gassy mud

Logs

Guard Log

DST#4 4575'-4620' (Cherokee)

30-60-30-60, BHT=120°F
 LHP: 2475 FHP: 2448
 LFP: 61-51 FFP: 61-51
 LSIP: 749 FSIP: 619
 Rec'd 15' mud w/oil specs

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% gal.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth

WELL LOG

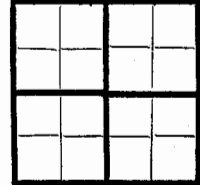
COMPANY First Energy Corporation
 16701 Greenspoint Park Dr., Suite 200
 Houston, Texas 77060
FARM BERTRAND NO. 65-26

SEC. 26 T. 11S R. 33W
 LOC. NE NW SE

RIG. NO. 23
TOTAL DEPTH 4700'
COMM. 9-17-84 **COMP.** 9-28-84

COUNTY Logan
 KANSAS

CONTRACTOR MURFIN DRILLING COMPANY
 250 N. Water, Suite 300
 Wichita, Kansas 67202



CASING
 10 10
 15 8-5/8" csg. set @ 345' w/250 sx. 60-40 Pozmix ELEVATION
 12 6 2% Gel, 3% CC
 13 5

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand & Surface Soil	180'
Shale	345'
Sand & Shale	2591'
Anhydrite	2635'
Sand & Shale	3350'
Lime & Shale (RTD)	4700'

JAN 9 1985

STATE OF KANSAS
 STATE GEOLOGICAL SURVEY

DEC 26 1984

CONSERVATION DIVISION
 Wichita, Kansas

State Geological Survey
 WICHITA BRANCH