

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 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
8-23-84 9-4-84 9-19-84
Spud Date Date Reached TD Completion Date

4750' 4702'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 346 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. 15-109-20,341-0000

County Logan

SW SW NE Sec 26 Twp 11S Rge 33 East West

2970 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

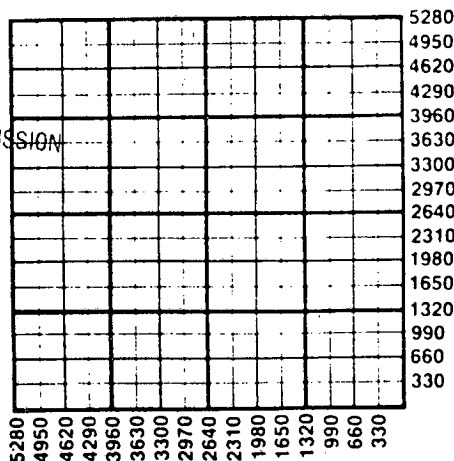
Lease Name Bertrand Well# 54-26

Field Name ~~Wildcat~~ Cook, So

Producing Formation Lansing/Kansas City

Elevation: Ground 3100' KB 3105'

Section Plat



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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 #

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 10-8-84

Subscribed and sworn to before me this 18th day of October 19 84

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. 11S Rge. 33E

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

WELL LOG

15109-20341-0000

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
Samples Sent to Geological Survey
Cores Taken

Yes No
Yes No
Yes No

Formation Description
Log Sample

Table with 3 columns: Name, Top, Bottom. Rows include Topeka, Hebner, Toronto, Lansing/Kansas City, Marmaton, Pawnee, Fort Scott, Cherokee, Mississippian.

DST#1 4038'-4068' (Lansing/KC)

30-60-60-120, Temp.=118°
IFP: 91-384 Hy mud: 2411-2209
SFP: 425-736
SIP: 1216-1236
Rec'd 180' muddy SW, Chl=23,000 ppm

DST#2 4074'-4095' (Lansing/KC)

30-60-60-120, Temp.=115°
IFP: 80-242 Hy mud: 2169-2118
SFP: 293-344
SIP: 816-756
Rec'd 10' oily, muddy water, 120' muddy water

DST#3 4118'-4139' (Lansing/KC)

30-60-60-120, Temp.=115°
IFP: 50-101 Hy mud: 2219-2109
SFP: 161-212
SIP: 1236-1236
Rec'd 360' gassy oil

DST#4 4135'-4152' (Lansing/KC)

30-60-30-90, Temp.=115°
IFP: 70-70 Hy mud: 2229-2199
SFP: 90-90
SIP: 1246-1256
Rec'd 120' slightly oil specked mud

Logs
DIL
CNL

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CASING RECORD

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: Purpose of string, size hole drilled, size casing set, weight lbs/ft, setting depth, type of cement, # sacks used, type and percent additives.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table with 3 columns: shots per foot, specify footage of each interval perforated, (amount and kind of material used), Depth.

TUBING RECORD

size 2-3/8" set at 4294' packer at 4284'

Liner Run Yes No

Date of First Production 9-23-84

Producing method flowing pumping gas lift Other

Estimated Production Per 24 Hours

Oil 86 Bbls Gas -0- MCF Water 40 Bbls Gas-Oil Ratio N/A Gravity CFPB

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: vented, sold, used on lease

open hole, perforation, other (specify), Dually Completed, Commingled

4250-4276

ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR First Energy Corp LEASE NAME Bertrand
WELL NO. 54-26

SEC 26 TWP 11S RGE 33 (E)
(W)

FILL IN WELL INFORMATION AS REQUIRED.
Show all important zones of porosity and contents thereof,
cored intervals, and all drill-stem tests, including depth
interval tested, cushion used, time tool open, flowing &
Shut-in pressures, and recoveries.

Show Geological markers,
logs run, or Other
Descriptive information.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>DST #5 4192'-4222' (Lansing/KC) 30-60-60-120, Temp.=116° IFP: 141-465 Hy mud: 2290-2270 SFP: 546-826 SIP: 1293-1326 Rec'd 720' gassy, watery oil, 300' gassy oil cut water</p>				
<p>DST #6 4241'-4275' (Lansing/KC) 30-60-60-120, Temp.=113° IFP: 91-222 Hy mud: 2350-2260 SFP: 323-465 SIP: 1286-1276 Rec'd 1230' clean gassy oil</p>				
<p>DST #7 4269'-4310' (Lansing/KC) 30-60-60-120, Temp.=114° IFP: 91-242 Hy mud: 2330-2300 SFP: 323-455 SIP: 1266-1256 Rec'd 1060' clean gassy oil</p>				
<p>DST #8 4542'-4624' (Johnson) 30-60-60-120, Temp.=121° IFP: 141-263 Hy mud: 2391-2370 SFP: 293-384 SIP: 1026-966 Rec'd 120' drilling mud, 300' gas cut watery mud</p>				

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