

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+875-5755

Contractor: license # 6033
name Murfin Drilling Company

Wellsite Geologist James K. Price
Phone 303-293-8080

Designate Type of Completion

New Well Re-Entry Workover

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
3-6-85 3-15-85 4-14-85
Spud Date Date Reached TD Completion Date

4660'
To Depth PBDT

Amount of Surface Pipe Set and Cemented at 351' feet

Multistage 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 - 193-20,341 26-9-32W

County Thomas

C NW NW Sec 26 Twp 9 Rge 32 East West
(location)

4620 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

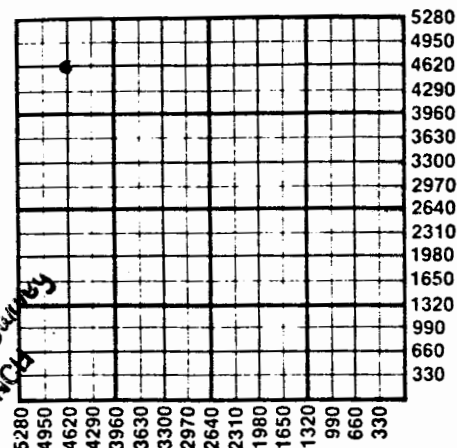
Lease Name Bertrand Well# 11(40)-26

Field Name Broughm (Proposed)

Producing Formation Johnson and Lansing/Kansas City

Elevation: Ground 3055' KB 3060'

Section Plat



MAR 10 1986
State of Kansas
SMICHTA BRANCH

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.

Operator Name First Energy Corp.

Lease Name Bertrand

11(40)-26

Well# SEC 26 TWP 9S RGE 26 East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stems 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 4106-4136' (Lansing/Kansas City)
30-60-60-120, Temp=108° F
IHP 2177 psi FFP 901-1212 psi
IFP 218-851 " FSIP 1323 "
ISIP 1313 " FHP 2157 "
Rec'd 2480' water, Chl = 53,000 ppm

Table with 3 columns: Name, Top, Bottom. Rows include Dakota, Stone Corral, Topeka, Lansing/Kansas City, Pawnee, Fort Scott, Cherokee, Mississippian.

DST #2 4180-4250' (Lansing/Kansas City)
30-60-60-120, Temp=108° F
IHP 2197 psi FFP 291-437 psi
IFP 83-229 " FSIP 1353 "
ISIP 1353 " FHP 2177 "
Rec'd 280' GIP, 125' GCO, 280' SOCM SW (Chl=54,000 ppm)
430' SW

LOGS

Sonic Cement Bond Log
RA Guard Log

DST #3 4246-4336' (Lansing/Kansas City)
30-60-60-120, Temp=108° F
IHP 2346 psi FFP 395-500 psi
IFP 166-343 " FSIP 901 "
ISIP 911 " FHP 2292 "
Rec'd 1110' GIP, 365' GCO, 375' OCM, 372' HM, W + GCO

TUBING RECORD table with columns: size, set at, packer at, Liner Run, Date of First Production, Producing method, Estimated Production Per 24 Hours, Oil, Gas, Water, Gas-Oil Ratio, Gravity.

METHOD OF COMPLETION

Disposition of gas: vented sold used on lease
 open hole perforation other (specify)
 Dually Completed.
 Commingled

PRODUCTION INTERVAL

4393-97', 4315-21'
4199-4202'

Table with 8 columns: drilled, set (in O.D.), lbs/ft., depth, cement, used, additives. Rows include surface production and other data.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table with 4 columns: shots per foot, specify footage of each interval perforated, (amount and kind of material used), Depth. Rows include 2 shots per foot at various intervals with material details.

WELL LOG

x APR 1 1985

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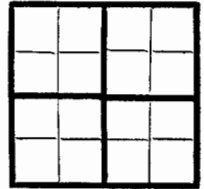
COMPANY First Energy Corporation
 16701 Greenspoint Park Dr., St. 200
 Houston, TX 77060

FARM BERTRAND NO. 11-(40)-26

SEC. 26 **T.** 9S **R.** 32W
LOC. C NW NW

RIG. NO. 2
TOTAL DEPTH 4660'
COMM. 3-6-85 **COMP.** 3-16-85

COUNTY Thomas
 KANSAS



CONTRACTOR Murfin Drilling Company
 250 N. Water, Suite 300
 Wichita, KS 67202

CASING

20 10
 15 8 -5/8" csg set @ 351' w/250 sx 60-40
 12 6 Pozmix, 2% gel, 3% cc

ELEVATION

13 5
 4-1/2" csg set @ 4659' w/100 sx 50-50 Pozmix, 2% gel + 225 sx Common D-29
FIGURES INDICATE BOTTOM OF FORMATIONS

PRODUCTION

Sand & Clay	220'
Shale	1660'
Sand & Shale	2627'
Anhydrite	26__'
Shells & Shale	3215'
Shale & Lime	(RTD) 4660'

MAR 10 1986

White Geophysical
 WICHITA BRANCH