



SIDE ONE

ad pc

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL 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 Hobbs
Phone 303-586-5277

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

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

f OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

7-30-84 8-9-84 8-10-84
Spud Date Date Reached TD Completion Date

4979
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 344 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

will line log received

API NO. 15 - 199-20.055

County Wallace

100' NC NE NW Sec 9 Twp 12 Rge 38 ☐ East ☒ West
(location)

4720 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

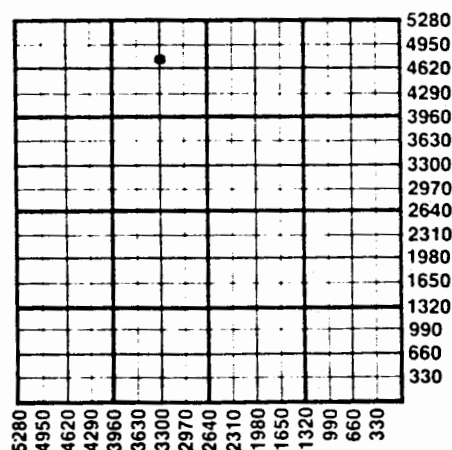
Lease Name Richard F. Garvey Well# 21-9(40)

Field Name

Producing Formation

Elevation: Ground 3315' KB 3320'

Section Plat



* 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-11 form with all temporarily abandoned wells.

CONSERVATION DIVISION

103035

First Energy Corporation
operator Name Lease Name Garvey Well# 21-9(40) SEC 9 TWP 12 RGE 38
SIDE TWO
21-9(40)
SEC 9 TWP 12 RGE 38
☐ East
☒ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests, flowing 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

Name	Top	Bottom
Topeka	3680'	
Lansing/KC	3983'	
Cherokee	4486'	
Mississippi	4795'	

DST#1 4650-4725' (Morrow)
Test Time: 30-60-60-120, temp. 128°F

IHP 2368 FFP 851-1003
IFP 303-744 FHP 2293
ISIP 128
Rec'd 800' GOWM, 3% gassy oil, 22% mud, 75% water

Core #1 4683-4725' (Morrow)

4683' to 4684' - black carbonaceous shale
4684' to 4685' - gray sandstone with shale parting, slight oil odor, possible scattered spotted stain, medium to coarse grains.
4685' to 4688.5' gray white sandstone with slight odor with thin shale partings, scattered stain.
4688.5' to 4691.5' - same as above with shale partings, fine grained sandstone, mostly wet.
4691.5' to 4698.5' - gray, coarse grained sandstone with slight odor, spotted stain, shows good porosity and permeability.
4698.5' to 4707' - fine grained hard tight sandstone with shale partings, slight odor, spotted stain.
4707' to 4715' - fine grained sandstone, wet, few shale partings, no odor, no stain.
4715' to 4725' - black carbonaceous shale.

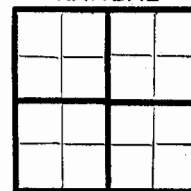
CASING RECORD ☒ new ☐ used							
Report all strings set - conductor, surface, intermediate, production, etc.							
Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12-1/4	8-5/8"	24#	344	60/40 POZ	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

WELL LOG

COMPANY FIRST ENERGY CORPORATION
 16701 Greenspoint Park Dr., St. 200
 Houston, TX 77060
FARM Richard F. Garvey No. 22-9 (40)
RIG. NO. 23
TOTAL DEPTH 4979'
COMM. 7-30-84 **COMP.** 8-10-84
CONTRACTOR MURFIN DRILLING COMPANY
 250 N. Water, Suite 300
 Wichita, KS 67202
CASING
 20 10
 15 8 -5/8" csg set @ 346' w/250 sx 60-40 Poz,
 12 6 2% gel, 3% cc
 13 5

SEC. 9 **T.** 12S **R.** 38W
LOC. 100' N C NE NW

COUNTY Wallace
 KANSAS



ELEVATION

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface sand	55'
Shale	346'
Sand & Shale	2615'
Anhydrite	2647'
Lime & Shale	2790'
Sand & Shale	3200'
Lime & Shale	3535'
Sand & Shale & Lime	3675'
Lime & Shale (RTD)	4979'

SEP 25 1984

State Geological Survey
 WICHITA BRANCH

RECEIVED
 STATE CORPORATION COMMISSION

SEP 24 1984

CONSERVATION DIVISION
 Wichita, Kansas