

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 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 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

API NO. 15 - 199-20.055-00-00
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)

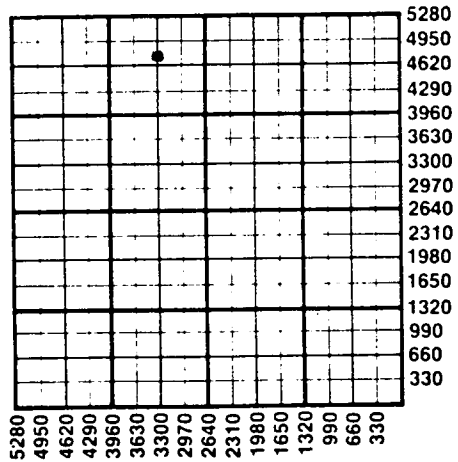
Lease Name Richard F. Garvey Well# 21-9(40)

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-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 *9-18-84*

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

Notary Public *Carol J. Sheppard*
Date Commission Expires *CAROL J. SHEPPARD*
Notary Public in and for State of Kansas
My Commission Expires April 8, 1985

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C 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. 9 Twp. 12 Rge. 38W

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

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 <input checked="" 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#	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
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION **PRODUCTION INTERVAL**

Disposition of gas: vented open hole perforation
 sold other (specify)

used on lease Dually Completed.
 Commingled