

Operator Name **FIRST ENERGY CORPORATION**..... Lease Name **DOUGLAS BIXENMAN** Well # **41-25**

Sec. **25** Twp. **10S** Rge. **31** East West County **THOMAS**

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
STONE CORRAL	2480	2514
FORAKER	3404	3450
TOPEKA	3709	3931
HEEBNER	3931	3952
LANSING	3970	4212
PAWNEE	4364	4396
CHEROKEE	4422	4536
MISSISSIPPIAN	4536	4622

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#	316	60/40POZ	235	2% gel 3% cc
PRODUCTION	7-7/8	4-1/2	10.50	4620	50/50POZ	100	2% gel 10% gilsonite SK
					COMMON	225	W/D-29.BI.

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	4146-53 "J"	500 gal 15% MCA	4146-53
2	4162-67 "I"	none communicated w/up zone	
2	4112-18 "H"	250 gal MCA 2000gal mod	202 4112-18
2	4194-4200 "K"	500 gal 15% 2500 gal 15%	4194-4200

TUBING RECORD		ANCHOR	
Size	Set At	Set At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2-3/8		4171	

Date of First Production	Producing Method
12-16-83	<input type="checkbox"/> Flowing <input checked="" 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
	40 Bbls	TSTM MCF	50 Bbls	TSTM	CFPB

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease

Dually Completed
 Commingled

LANSING-KC
 "H", "I", "J", "K" Zones

15-193-20289-0000

WELL LOG

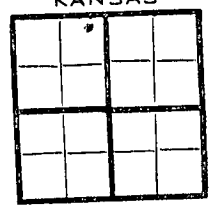
COMPANY FIRST ENERGY CORPORATION
 16701 Greenspoint Park Drive
 Suite 200
 Houston, Texas 77060

FARM Doug Bixenman NO. 41-25

SEC. 25 T. 10S R. 31W
 LOC. C NE NE NW

RIG. NO. 16
 TOTAL DEPTH 4625'
 COMM. 11-9-83 COMP. 11-19-83

COUNTY Thomas
 KANSAS



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

CASING

20	10		ELEVATION
15	8	- 5/8" csg set @ 316' w/235 sx 60-40 Poz,	
12	6	2% gel, 3% CC	
13	5		PRODUCTION
	4 1/2"	csg set @ 4621' w/100 sx Poz, 2% gel, + 225 sx D-29	

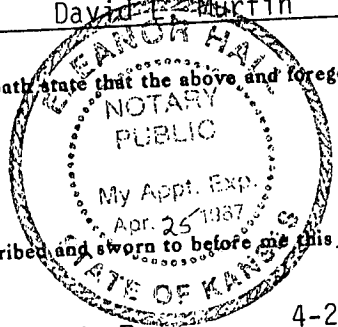
FIGURES INDICATE BOTTOM OF FORMATIONS

Soil & Sand	145'
Shale	317'
Sand & Shale	1935'
Shale	2480'
ANHY	2514'
Shale	2780'
Shale & Lime (RTD)	4625'

State of KANSAS
 County of SEDGWICK ss:

STATE CORPORATION COMMISSION
 JAN 12 1987
 CONSERVATION DIVISION
 Wichita, Kansas

I, David L. Murfin of the Murfin Drilling Company
 upon oath state that the above and foregoing is a true and correct copy of the log of the Doug Bixenman #41-25 well.



David L. Murfin
 David L. Murfin
 19 83

Subscribed and sworn to before me this 29th day of November
 My Commission Expires: 4-25-87

Edward Hall
 NOTARY PUBLIC

FIRST ENERGY CORPORATION GEOLOGICAL WELL SUMMARY

OPERATOR First Energy Corporation	FEE Douglas Bixenman	WELL NO. #41-25
SPECT NAME Triangle Prospect	PROSPECT NO.	DATE 11/21/83
CITY/STATE Thomas Co., Kansas	DISTRICT OFFICE	
LOCATION SEC. 25, T10S, R31W NENENW	ELEVATION GL 2909' KB 2914'	
DATE 11/9/83	COMPLETION DATE	TOTAL DEPTH 4625'
S/DEPTHS DI SFL w/GR 4616-317' EPL w/GR 4592-2450' CYBERLOOK 4565-3400' CNL w/GR 4619-2450'		CASING/TUBING SIZE & DEPTH

COMPLETION / TEST SUMMARY

GEOLOGICAL SUMMARY

This well came in a foot or two low to the 42-25. The principal pays are all present with the exception of the Pawnee.

LAYS / SHOWS: FORMATION	DEPTHS	NET. FT.	TYPE / REMARKS
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CORRELATIONS FORMATION	WELL BIXENMAN #41-25	KEY WELL (IDENTIFY) #42-25 BIXENMAN	KEY WELL	KEY WELL
STONE CORRAL	2480' (+ 434)	2483' (+ 441)		
FORAKER	3404' (- 490)	3409' (- 485)		
TOPEKA	3709' (- 795)	3715' (- 791)		
HEEBNER	3931' (-1017)	3940' (-1016)		
LANSING	3970' (-1056)	3978' (-1054)		
PAWNEE	4364' (-1450)	4370' (-1446)		
CHEROKEE	4422' (-1508)	4431' (-1507)		
MISSISSIPPIAN	4536' (-1622)	4550' (-1626)		

RECOMMENDATIONS / REMARKS

This well will be completed as an oil well in the Lansing/KC.

STATE CORPORATION COMMISSION

JAN 12 1987

CONSERVATION DIVISION
Wichita, Kansas

DISTRIBUTION	SUBMITTED BY LOUISE WELLER
CC G. JOYCE CB: DEAN S. PLANT	

ELECTRICAL LOG RESULTS

FIRST ENERGY

OPERATOR First Energy Corporation

FEE NAME & NUMBER Bixenman #41-25

PROSPECT NAME Triangle W.C. _____ DEV. X

LOCATION SEC. 25 NENENW T 10S R 31W

COUNTY Thomas STATE Kansas

RUN NO. 1 DATE 17 NOV 83 WITNESSED BY John Reynolds

DRILLERS TOTAL DEPTH 4625'

LOGGERS TOTAL DEPTH 4622'

INTERVAL SURVEYED 4616-317'

SERVICE RUN - DI SFLw/GR, EPL w/GR, CYBERLOOK, CNL w/GR

POTENTIALLY PRODUCTIVE ~~XXXXXX~~ LIMESTONES

DEPTHS	'D' Zone	COMMENTS:
4040-44'	'D' Zone	
4050-57'	'E' Zone	
4113-18'	'H' Zone	4413-17' Ft. Scott
4142-53'	'I' Zone	
4162-67'	'J' Zone	
4407-09'	FT SCOTT	

SIDEWALL CORES - DRILL STEM TEST - FORMATION TEST - ETC.

COMMENTS: DST #1 (3995-4030') Rec 61' fl. 1' cl oil (42°) 60' VSOCM 1% oil, 94% M, 5% W. DST #2 (4038-56') Rec 1159' fl. 511' gas, 276' CGO (38.2°), 1% wtr. 77' G&OCMSW 10% oil, 69%W, 21% M. 806' GCSW
 DST #3 (4276-4378') Rec 253' fl. 129' VSOCMW, 2% oil, 46% W, 52% M. 124' MSW, 60% W, 40% M. DST #4 (4396-4432') Rec 90' CGO (42.1°), 80% oil, 20% gas. 80' GOCM, 45% oil, 2% W, 53% M, 1054' GIP DST #5 (4427-4540') Rec 45' OCM, 2% oil, 13% wtr, 85% M, 15' GIP

GENERAL REMARKS

This well came in a foot or two low to the #42-25. The principal pays are all present with the exception of the Pawnee.

COMPARATIVE CORRELATIONS with SUBJECT WELL

HORIZON	STONE CORRAL	2480'	(+ 434)	2483'	(+ 441)
FORAKER		3404'	(- 490)	3409'	(- 485)
TOPEKA		3709'	(- 795)	3715'	(- 791)
HEEBNER		3931'	(-1017)	3940'	(-1016)
LANSING		3970'	(-1056)	3978'	(-1054)
PAWNEE		4364'	(-1450)	4370'	(-1446)
CHEROKEE		4422'	(-1508)	4431'	(-1507)
MISSISSIPPI		4536'	(-1622)	4550'	(-1626)

DECISION: This well will be completed as an oil well in the Lansing / KC.

02 1ST ENERGY CORP. 04:22 08/19/83

RECOMMENDATIONS / REMARKS

This well will be completed as an oil well in the Lansing/KC.

STATE CORPORATION COMMISSION

JAN 19 1987

CONSERVATION DIVISION
Wichita, Kansas

DISTRIBUTION

cc G. JOYCE
B. DEAN
S. PLANT

SUBMITTED BY
LOUISE WELLER

<u>PAY</u>	<u>FORMATION</u>	<u>DEPTH</u>	<u>NT. FT.</u>	<u>TYPE/REMARKS</u>
PAY	Lansing 'D' Zone	4040-44'	4'	DST #2 Ø Cross Plot-Ø EPT OVERLA
POSSIBLE	Lansing 'E' Zone	4050-57'	7'	" " " " "
PAY	Lansing 'H' Zone	4113-18'	5'	" " " " "
PAY	Lansing 'I' Zone	4142-53'	11'	" " " " "
PAY	Lansing 'J' Zone	4162-67'	5'	" " " " "
POSSIBLE	Ft. Scott	4407-09'	2'	DST #4 " " " " "
POSSIBLE	Ft. Scott	4413-17'	4'	DST #4 " " " " "

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JAN 12 1927

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Wichita, Kansas