

SIDE TWO

Operator Name Pate-Dombaugh Petroleum Lease Name Maneth Well # 1

Sec. 10 Twp. 17S Rge. 16 East West County Rush

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
Anhydrite	1099 (+ 891)	
Topeka	2989 (- 999)	
Heebner	3225 (-1235)	
Toronto	3243 (-1253)	
Lansing	3281 (-1291)	
Base of KC	3511 (-1521)	
Cong. Sand	3543 (-1553)	
Arbuckle	3575 (-1585)	
Total Depth	3585 (-1595)	

DST #1 3298-3333 (35&50' Zones)
 Open 30" closed 30" open 30" closed 45"
 weak blow building to strong.
 Rec. 130' very slightly oil & gas cut mud.
 IBHP 747#/30" IF 45#-56# FF779#-96#
 657#/45"
 Drilling at 3340'.

DST #2 3506-48 (Congl. Sand)
 Open 30" closed 30" open 30" closed 45"
 Weak blow dead in 15" on second opening.
 Rec. 90' oil spotted mud.
 IBHP 759#/30" IF 56-56# FF 79-79# FBHP 680#/45"

CASING RECORD <input 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 C.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	28#	761	60/40 pos	350	2% gel 3%acc
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	CFPE			

METHOD OF COMPLETION Production Interval

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