

Operator Name: TWM Production Company Lease Name: DICE Well #: F-5

Sec. 27 Twp. 26 S. R. 18 East West County: Allen

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run:</p>	<p><input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <p>Name Top Datum</p>
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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 O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacjs Used	Type and Percent Additives
SURFACE		7"		20	PORTLAND	5	
CASING		2-7/8"		865	PORTLAND	89	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2	771.5 TO 775.5 9 SHOTS	NOT FRACTURED AT THIS TIME. WHEN	
	781.0 TO 786.0 11 SHOTS	WE DO HAVE WELL FRAC WE WILL FURNI	
		ANOTHER ACO 1	

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other <i>(Specify)</i>	

W & W PRODUCTION COMPANY

FEDERAL I.D. # 48-0843238

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APRIL 20, 2003

TWM Production Co.

1150 Highway 39

Chanute, Kansas 66720

Dice lease well # F-5

API: 15-001-28,991

4330 S LINE 4350 E LINE

6'	DIRT	0- 6	4'	Shale	775-779
31'	LIME	37- 37	5'	oil sand	779-784
23'	Shale	37- 60	81'	broken shale	784-865
15'	Lime	60-75			
48'	Shale	75-123			
77'	Lime	123-200			
5'	Shale	200-205			
10'	Lime	205-215			
5'	Shale	215-220		Seating nipple 768'	
7'	Lime	220-227		Cemented long string 4-16-03	
5'	Shale	227-232		w/89 sacks	
1'	Coal	232-233		Perforate 771.5 - 775.5 (5 perf.)	
42'	Lime	233-275		781.0 - 786.0 4-21-03	
165'	Shale	275-440		Cemented surface 4-8-03	
23'	Lime	440-463			
32	Shale	463-495			
20'	Lime	495-515			
28'	Shale	515-543			
29'	Lime	543-572			
31'	shale	572-603			
15'	Lime	603-618			
152'	Shale	618-770			
5'	Sand dark	770-775			
	solid				
4'	Shale	775-779			