



SIDE TWO

Operator Name Thunderbird Drilling, Inc. Lease Name Jacobs Well # 1

Sec. 34 Twp. 13 Rge. 27  East  West County Gove

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

DST #1, 3865-86/45-60-45-60, rec. 1095' msw w/s.o. IFP 86-324\$, FFP 400-497#, BHP 1151-1151#  
 DST #2, 3991-97/45-60-45-60, rec. 1050' mw, IFP 10-186#, FFP 389-443#, BHP 421-1216#  
 DST #3, 3937-70/45-60-75-90, rec. 310' mw, IFP 21-75#, FFP 97-162#, BHP 1280-1280#  
 DST #4, 3969-4032/30-30-30-30, rec. 2' mud, IFP 21-21#, FFP 21-21#, BHP 21-21#  
 DST #5, 4024-4065/30-30-30-30, rec. 2' mud, IFP 32-32#, FFP 32-32#, BHP 43-32#  
 DST #6, 4073-4200/45-60-30-30, rec. 10' mud, IFP 32-32#, FFP 32-32#, BHP 43-32#  
 DST #7, 4282-4325/30-30-30-30, rec. 5' mud, IFP 32-32#, FFP 43-54#, BHP 43-54#

Name	Formation Description	
	Top	Bottom
Anhydrite	2052+	529
B/Anhydrite	2091+	490
Heebner	3758-	1177
Toronto	3786-	1205
Lansing-Kansas City	3799-	1218
Stk Sh	4028-	1447
BKC (Sample)	4087-	1506
Fort Scott	4284-	1703
Mississippian	4391-	1810
LTD	4419-	1838
RTD	4420-	1839

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	20	328	Common	225	3% c.c. 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	Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....
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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 .....