

SIDE TWO

Operator Name Thunderbird Drilling, Inc. Lease Name North "A" Well # 1

Sec. 20 Twp. 16S Rge. 20W ☐ 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

DST #1, 3955-3990/30-30-30-30, rec. 20' vsocm,
 IFP 25-38#, FFP 38-38#, BHP 742-604#

Name	Top	Bottom
Anhydrite	1423+	743
B/Anhydrite	1456+	710
Topeka	3233-	1067
Heebner	3532-	1366
Toronto	3552-	1386
Lansing-KC	3574-	1408
BKC	3831-	1665
Pawnee	3907-	1741
Cherokee Sd	3967-	1801
Arbuckle	4029-	1863
RTD	4055-	1889
LTD	4057-	1891

CASING RECORD ☒ New ☐ 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#	296.64	60/40 Poz	160	3% CC, 2% Gel
PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
TUBING RECORD				Size Set At Packer at Liner Run ☐ Yes ☐ No			
Date of First Production		Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ 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