

11. The acts of the statutes, rules and regulations promulgated to regulate the oil and gas industry have

32-56-8

SIDE TWO

Operator Name Range Oil Company, Inc. Lease Name Minard Well # 2Sec. 8 Twp. 27S Rge. 6 ☒ East ☐ West County Butler

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 3130'-3143', 30-30-60-60; Blow: wk.
 Rec: 3' HOCM + 130' MSW. IFP 37-53.
 ISIP 554. FFP 60-90. FSIP 560.
 T: 112°F.

Name	Top	Bottom
Lans	1828	(-432)
B/Lans	1995	(-599)
KC	2150	(-754)
BKC	2324	(-928)
Marm	2402	(-1006)
Alt	2447	(-1051)
Paw	2509	(-1113)
Ck	2563	(-1167)
Miss	2761	(-1365)
M-Os	2859	(-1463)
Kd	3073	(-1677)
Vi	3140	(-1744)
RTD	3143	(-1747)

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	23	217	Common	150	3% CaCl

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).....