



Operator Name Golden Eagle Drilling, Inc. Lease Name Christensen Well # 15-52

Sec. 15 Twp. 1 Rge. 38 County Cheyenne

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 [X] Yes [ ] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No

Formation Description [X] Log [ ] Sample

DST #1 4090-4180 45-45-30-30 rec 25'
mud IBHP 203 FBHP 118 F 36-36, -39-42
DST #2 4523-66, 30-30-15 rec 15' mud
FP 21-21, 24, 27 SIP 39
DST #3 4589-4670 45-45-45-45 rec 220'
mud FP 30-72, 75-106 IBHP 1170 FBHP 1106
DST#4 4788-4871 15-30-30-30 rec 180' MW
IBHP 1274 FBHP 1272 FP 261-436, 535-754
DST #5 4884-4936, 45-45-45-45 rec 770 MSW
IBHP 1287 FBHP 1285, FP 126, 244, 301-360
DST #6 4624-58 15-45-360-90 rec 516 MSW
IBHP 1258 FBHP 1118 F.P. 27-33, 39-231

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite (3145), Topeka (3934), Deer Creek (4015), Oread (4070), Lansing K.C. (4142), Ft. Scott (4550), Cherokee (4576), Morrow (4774), Miss (4878), Granite Wash (5143).

CASING RECORD [X] New [ ] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: 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. Row 1: Surface, 12.25, 8.5/8, 20, 170, 60-40, 100, 3% gel, 2% cc.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Table with 4 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record, Depth. Multiple rows for data entry.

TUBING RECORD Size Set At Packer at Liner Run [ ] Yes [ ] No

Date of First Production Producing Method [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain)