Company: Great Western Oil & Gas, LLC
Well: Bird 1-12-1N-67W
County: Weld
State: Colorado
Location: API # 05-123-24252-00
Sec 12 Twp 1N Rng 67W
2,000' FNL & 1,200' FWL
Permanent Datum: Ground Level
Elevation: 4,900 ft
Log Measured From: KB
Drilling Measured From: KB
Elev.: K.B. 4,914 ft
G.L. 4,900 ft
D.F. 4,913 ft

Date: 10-Jul-22
Run Number: ONE
Depth Driller: 7,600 ft
Depth Logger: 7,597 ft
Bottom Logged Interval: 7,597 ft
Top Logged Interval: 3,500 ft
Type Fluid in Hole: Water Based Mud
Salinity: 8.5 ppg
Density / Viscosity: 9.2 lb/gal / 40 s/qt
pH / Fluid Loss: 9.5 / 8.4 cc
Source of Sample: Flowline
Rm @ Meas. Temp: 0.0 @ 0 °F
Rmf @ Meas. Temp: 0.0 @ 0 °F
Rmc @ Meas. Temp: 0.0 @ 0 °F
Source of Rmf / Rmc: Measured / Measured
Rm @ BHT: 0.0 @ 0 °F
Time Since Circulation: 24 hrs
Max. Rec. Temp.: 0 °F
Equipment / Base: 8944 / Greeley
Recorded By: Jeff Hall
Witnessed By: Mr. Rig Hand

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions as set out in our current price schedule.

Comments:

Annular volume calculated for 4 1/2" casing
Straight Drilling Rig 2
Surface Casing Set To 1,000'
API # 05-123-24252-00

Calculations Filter: 10.0 lb
Matrix Density: 2.71 g/cm³
Fluid Density: 1.0 g/cm³
Formation Salinity: 0 ppk
Hole Salinity: 0 ppk
Created by: The Sky: Dr. M. dtl. GET, Inc. Log Open Caased 09:12:29
Created on: Depth in Feet scaled 1:240

Density Caliper (in) 6 16
Gamma Ray (GAPI) 0 150
GP Limit 0 150
Deep Resistivity (Ohm-m) .2 2000
Medium Resistivity (Ohm-m) .2 2000
Shallow Resistivity (Ohm-m) .2 2000
Density Porosity (pu) 45 -15
Neutron Porosity (pu) 45 -15