Boxberger Geological Services
0294 Cliff View Circle
Parachute, CO 81635
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Operator: Ursa Resources
Well: Monument Ridge B 44D-08-7-95
Location: Sec. 8 T7S R95W
Field: Battlement Mesa
County: Garfield
State: Colorado

Drilling Rig: Capstar 321
Ground Elevation: 5702'
KB Elevation: 5719'
TVD vs. MD: 97'
Spud Date: 10/17/16
TD Date: 11/08/16

Surface Hole: 970' FSL x 144' FEL
Bottom Hole: 245' FSL x 644' FEL
Drilling Fluid: LSND
Dates Logged: 11/07/16 - 11/08/16
Depth Logged: 3430' - 6977'
Logger: Tarin Boxberger

Torque (Ft Lbs) 0.0 18000.0
WOB (Klbs) 0.0 60.0
Stand Pipe Pressure (PSI) 0.0 2800.0
Flow (Percent) 0.0 60.0
ROP (Feet/Hour) 0.0 400.0
Total Gas (Units) 1.0 10000.0
Rotary (RPM) 0.0 75.0
Differential Pressure (PSI) 0.0 800.0
PVT Mud Gain/Loss (Barrels) -100.0 100.0
Total Mud (Barrels) 300.0 500.0

Comments

Logging depth = 3430'. BGS service begins on 11/07/16 at 06:57.

Bit #2
7 7/8
Security
MM55
In at 1765'

Connection at 3463.6'
Pump Sweep
10 Barrels

Connection at 3506.3'
In: 9.3/43
Out: 9.4/49

Connection at 3549'

Connection at 3591.6'

Connection at 3634.3'

In: 9.3/42
Out: 9.3/51

Connection at 3676.9'

Connection at 3719.5'

Prog Williams Fork = 3730' MD

Connection at 3762.3'
Pump Sweep
10 Barrels

Connection at 3805'
In: 9.4/41
Out: 9.4/52

Connection at 3847.6'

Connection at 3890.3'
Lost Circulation
50 Barrels

Transfer Mud

In: 9.1/43
Out: 8.9/42

Connection at 3933'

Connection at 3975.7'

Connection at 4018.4'

Connection at 4061.1'

Transfer Mud
Connection at 4103.8'
In: 9.2/35
Out: 9.2/37

Connection at 4146.5'

Connection at 4188.9'

Connection at 4231.5'
In: 9.2/37
Out: 9.1/39

Connection at 4274.3'

Connection at 4317'

Connection at 4359.7'

Connection at 4402.3'

Connection at 4444.8'

Connection at 4487.4'
In: 9.1/36
Out: 8.8/40

Connection at 4530.1'

Transfer Mud
In: 9.2/37
Out: 9.2/39
Connection at 4572.8'

Connection at 4615.4'

Connection at 4658.1'

Connection at 4700.8'

Connection at 4743.5'

In: 9.2/40
Out: 9.2/40

Connection at 4786.2'

Connection at 4828.9'
Prog Top Gas = 4830' MD

Connection at 4871.6'

Connection at 4914.3'

In: 9.2/37
Out: 9.1/39

Connection at 4957'
Pump Sweep
10 Barrels

Connection at 4999.7'

Connection at 5042.5'

Connection at 5085.3'

In: 9.2/39
Out: 8.9/39

Connection at 5127.9'

Connection at 5170.5'

Connection at 5213.2'

Connection at 5255.9'
In: 9.2/39
Out: 9.2/39

Connection at 5298.6'

Connection at 5341.3'

Connection at 5383.9'

In: 9.3/38
Out: 9.2/39

Connection at 5426.4'
Pump Sweep
10 Barrels

Connection at 5469.1'

Connection at 5511.9'
In: 9.3/38
Out: 9.2/40

Connection at 5554.6

Connection at 5597.4'
In: 9.4/38
Out: 9.1/42

Connection at 5640.1'

Connection at 5682.8'

Connection at 5725.6'
In: 9.4/36
Out: 9.4/42

Connection at 5768.3'

Connection at 5810.9'

Connection at 5853.6'
In: 9.5/37
Out: 9.5/36

Connection at 5896.3'

Connection at 5939'

In: 9.6/40
Out: 9.2/40

Connection at 5981.6'

Connection at 6024.4'
In: 9.6/39
Out: 9.6/38

Connection at 6067'

Connection at 6109.7'
In: 9.6/37
Out: 9.5/40

Prog Cameo = 6132' M

Connection at 6152.4'

Transfer Mud

Connection at 6195.1'

Connection at 6237.8'
In: 9.6/36
Out: 9.5/42

Connection at 6280.4'

Connection at 6323.2'

Connection at 6365.9'
In: 9.7/37
Out: 9.5/44

Connection at 6408.6'

Connection at 6451.3'

In: 9.7/36
Out: 9.4/42

Connection at 6493.8'

Connection at 6536.5'
In: 9.7/37
Out: 9.5/38

Connection at 6579.2'

Connection at 6621.9'

Connection at 6664.6'

In: 9.7/40
Out: 9.6/42

Connection at 6707.4'

Connection at 6750.1'

Connection at 6792.8'

Prog Rollins = 6832' MD
Connection at 6835.4'

Connection at 6878.1'
In: 9.7/38
Out: 9.4/40

Connection at 6920.8'
Pump Sweep
10 Barrels

Bit #2
FTG: 5212'
HRS: 46
Connection at 6963.5'
Monument Ridge B 44D-08-7-95 TD'd at 6977' on 11/08/16 at 19:27.