Boxberger Geological Services
0294 Cliff View Circle
Parachute, CO 81635
Phone: 970-285-2494
Fax: 970-285-2492

Operator: Ursa Resources
Well: Monument Ridge B 43C-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: 123'
Spud Date: 11/21/15
TD Date: 12/30/15

Surface Hole: 995' FSL x 166' FEL
Bottom Hole: 1897' FSL x 655' FEL
Drilling Fluid: LSND
Dates Logged: 12/28/15 - 12/30/15
Depth Logged: 3498' - 7071'
Logger: Tarin Boxberger

Torque (Ft Lbs) 0.0 15000.0
WOB (Klbs) 0.0 60.0
Stand Pipe Pressure (PSI) 0.0 2400.0
Flow (Percent) 0.0 100.0
ROP (Feet/Hour) 0.0 500.0
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 = 3498'. BGS service begins on 12/28/15 at 14:32.

Bit #3
7 7/8
Varel
V516DU
In at 1788'

Connection at 3506.6'

Connection at 3549.3'

In: 9.2/49
Out: 9.2/56
Connection at 3591.9'

Pump Sweep
10 Barrels
Connection at 3634.6'

In: 9.2/50
Out: 9.2/61

Zero Mud Gain/Loss

Connection at 3677.3'

Connection at 3720.1'

Connection at 3762.7'
In: 9.1/47
Out: 9.2/55

Prog Williams Fork = 3798' MD
Connection at 3805.5'
Pump Sweep
10 Barrels

Connection at 3848.4'

Connection at 3891.1'

Zero Mud Gain/Loss

Connection at 3933.8'
In: 9.2/47
Out: 9.0/48

Connection at 3976.5'

Connection at 4019.2'

Connection at 4061.8'
Pump Sweep
15 Barrels

Connection at 4104.3'

Connection at 4147.1'

Connection at 4189.7'

In: 9.2/44
Out: 9.0/48
Connection at 4232.5'

Connection at 4275.1'

Connection at 4317.8'
Pump Sweep
15 Barrels

Connection at 4360.4'
In: 9.2/49
Out: 9.2/50

Connection at 4403.1'

Connection at 4445.9'

Connection at 4488.5'

Connection at 4531.2'

Connection at 4573.9'
Pump Sweep
15 Barrels

Connection at 4616.5'
In: 9.2/46
Out: 9.1/48

Connection at 4659.2'

Connection at 4701.9'

Connection at 4744.7'

Connection at 4787.4'

In: 9.2/45
Out: 9.2/48

Connection at 4830'
Pump Sweep

Connection at 4872.7'

Prog Top Gas = 4901' MD
Connection at 4915.4'

Connection at 4958.1'

Connection at 5000.8'

Connection at 5043.5'
In: 9.2/40
Out: 9.2/45

Connection at 5086.3'
Pump Sweep
15 Barrels

Zero Mud Gain/Loss

Connection at 5129.1'
Transfer Mud

Zero Mud Gain/Loss
Connection at 5171.8'
In: 9.3/40
Out: 9.3/41

Connection at 5214.5'

Connection at 5257.2'
In: 9.3/40
Out: 9.4/42

Connection at 5299.9'
Pump Sweep
10 Barrels

Connection at 5342.5'
Zero Mud Gain/Loss

Connection at 5385.2'

Connection at 5427.9'
In: 9.3/41
Out: 9.3/43

Connection at 5470.6'

Zero Mud Gain/Loss
Connection at 5513.3'

In: 9.3/40
Out: 9.4/42
Connection at 5555.9'

Connection at 5598.6'
Pump Sweep
10 Barrels

Connection at 5641.3'

In: 9.3/40
Out: 9.3/43
Connection at 5684.1'

Zero Mud Gain/Loss
Connection at 5726.8'
Low Gas Data
5729' - 5838'
Gas detector malfunction

Connection at 5769.5'
In: 9.3/42
Out: 9.4/48

Connection at 5812.2'

Low Gas Data
5729' - 5838'
Gas detector malfunction

Pump Sweep
10 Barrels
Connection at 5854.7'
In: 9.3/41
Out: 9.4/45

Connection at 5897.4'
Low Gas Data
5898' - 5998'
Gas detector malfunction

Connection at 5940.2'

In: 9.4/42
Out: 9.4/48

In: 9.4/39
Out: 9.4/45
Connection at 5982.9'
Low Gas Data
5898' - 5998'
Gas detector malfunction

Connection at 6025.6'
Low Gas Data
6020' - 6074'
Gas detector malfunction
In: 9.4/39
Out: 9.4/45

Connection at 6068.4'

Connection at 6111.1'
Pump Sweep
10 Barrels

In: 9.4/39
Out: 9.4/41
Connection at 6153.7'

Connection at 6196.4'

Prog Cameo = 6203' MD

Connection at 6239.2'
In: 9.3/35
Out: 9.3/40

Connection at 6281.9'

Connection at 6324.6'

Connection at 6367.4'

Pump Sweep

Connection at 6410.1'

Zero Mud Gain/Loss

Connection at 6452.8'
Low Gas Data
6435' - 6468'
Gas detector malfunction

In: 9.5/42
Out: 9.2/45
Connection at 6495.6'

Connection at 6538.3'

In: 9.5/45
Out: 9.3/46
Low Gas Data
6561' - 6615'
Gas detector malfunction
Connection at 6580.8'

Connection at 6623.5'
Pump Sweep
15 Barrels

Connection at 6666.2'

Connection at 6708.9'
In: 9.6/45
Out: 9.5/45

Connection at 6751.6'

Connection at 6794.2'
Low Gas Data
6795' - 6835'
Gas detector malfunction

Connection at 6836.9'

In: 9.5/45
Out: 9.1/48
Low Gas Data
6864' - 6904'
Gas detector malfunction

Connection at 6879.6'
Pump Sweep
10 Barrels

Prog Rollins = 6903' MD

Connection at 6922.2'

In: 9.6/43
Out: 9.5/48
Connection at 6964.8'

Connection at 7007.4'

Connection at 7050.1'
In: 9.5/41
Out: 9.3/46
Bit #3
FTG: 5283'
HRS: 46.5
Monument Ridge B 43C-08-7-95 TD'd at 7071' on 12/30/15 at 03:53.