Boxberger Geological Services
0294 Cliff View Circle
Parachute, CO 81635
Phone: 970-285-2494
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Operator: Ursa Resources
Well: Monument Ridge B 43D-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: 70'
Spud Date: 01/09/16
TD Date: 02/20/16

Surface Hole: 965' FSL × 166' FEL
Bottom Hole: 1560' FSL × 664' FEL
Drilling Fluid: LSND
Dates Logged: 02/18/16 - 02/21/16
Depth Logged: 3442' - 7010'
Logger: Tarin Boxberger

Torque (Ft Lbs) 0.0 16000.0
WOB (Klbs) 0.0 60.0
Stand Pipe Pressure (PSI) 0.0 2800.0
Flow (Percent) 0.0 100.0
ROP (Feet/Hour) 0.0 400.0
Total Gas (Units) 1.0 10000.0
Rotary (RPM) 0.0 80.0
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 = 3442'. BGS service begins on 02/18/16 at 19:57.

Bit #2
7 7/8
Varel
V516DU
In at 1735'

Connection at 3465.2'
Pump Sweep
10 Barrels

Connection at 3507.9'

Connection at 3550.5'

In: 9.4/42
Out: 9.4/49

Connection at 3593.1'

Connection at 3635.8'
Pump Sweep
10 Barrels

Connection at 3678.5'

Connection at 3721.2'
In: 9.4/41
Out: 9.4/38

Prog Williams Fork = 3742' MD

Connection at 3764'

Connection at 3806.8'
Pump Sweep
10 Barrels

Connection at 3849.5'

In: 9.5/39
Out: 9.5/42

Connection at 3892.2'

Connection at 3934.8'

Connection at 3977.5'

Connection at 4020.3'

In: 9.5/38
Out: 9.5/39

Connection at 4063'
Pump Sweep
10 Barrels

Connection at 4105.7'

Connection at 4148.5'

Connection at 4191.2'

In: 9.4/37
Out: 9.4/38

Connection at 4233.9'

Zero Mud Gain/Loss

Connection at 4276.6'

Connection at 4319.3'
In: 9.5/37
Out: 9.5/41

Connection at 4362'
Pump Sweep
10 Barrels

Connection at 4404.7'

Connection at 4447.5'

Connection at 4490.2'
In: 9.4/40
Out: 9.5/44

Connection at 4532.9'

Connection at 4575.7'

In: 9.4/39
Out: 9.5/41

Connection at 4618.4'

Connection at 4661.1'
In: 9.5/39
Out: 9.5/40

Connection at 4703.8'

In: 9.5/40
Out: 9.5/41
Connection at 4746.5'
Pump Sweep
10 Barrels

Connection at 4789.3'

In: 9.4/40
Out: 9.5/46
Connection at 4832'
Prog Top Gas = 4835' MD

Transfer Mud

Connection at 4874.7'

In: 9.4/40
Out: 9.5/44

Connection at 4917.4'

Connection at 4960.1'

Zero Mud Gain/Loss

Connection at 5002.7'

Connection at 5045.3'
Pump Sweep
10 Barrels

In: 9.4/39
Out: 9.5/40

Connection at 5088.1'

Connection at 5130.8'

Connection at 5173.5'
In: 9.4/39
Out: 9.5/39

Connection at 5216.3'
In: 9.4/39
Out: 9.4/39

Connection at 5259'

Connection at 5301.7'
In: 9.5/37
Out: 9.5/40

Connection at 5344.3'

Connection at 5387.1'

Connection at 5429.9'

In: 9.5/40
Out: 9.5/41

Connection at 5472.6'

Connection at 5515.3'

Pump Sweep
10 Barrels

Transfer Mud

Connection at 5558'

Connection at 5600.7'

Connection at 5643.5'

In: 9.5/43
Out: 9.4/40

Connection at 5686.2'

Connection at 5728.8'

Connection at 5771.4'
Pump Sweep
10 Barrels

Connection at 5814.3'

Connection at 5857.2'
In: 9.5/39
Out: 9.5/42

Connection at 5899.9'

Connection at 5942.7'

Connection at 5985.4'

Pump Sweep
10 Barrels

In: 9.5/39
Out: 9.5/41

Connection at 6028.1'

Bit #2
FTG: 4325'
HRS: 44

Bit #3
7 7/8
Security
MM55
In at 6060'

Connection at 6070.8'
Transfer Mud

In: 9.7/44
Out: 9.7/50
Connection at 6113.5'

Prog Cameo = 6137' MD

Transfer Mud
Connection at 6156.1'

Connection at 6198.8'

In: 9.7/41
Out: 9.7/47

Connection at 6241.5'
Pump Sweep
10 Barrels

Connection at 6284.2'

Connection at 6326.9'

Connection at 6369.6'

Connection at 6412.2'

Connection at 6454.9'

Connection at 6497.6'

In: 9.6/40
Out: 9.6/43

Connection at 6540.3'

Pump Sweep
10 Barrels

Connection at 6583'

Connection at 6625.8'

Connection at 6668.3'

Connection at 6711'

Connection at 6753.7'

In: 9.6/38
Out: 9.7/44

Connection at 6796.4'
Pump Sweep
10 Barrels

Prog Rollins = 6837' MD
Connection at 6839.1'

Connection at 6881.8'

Connection at 6924.5'

Connection at 6967.3'

Bit #3
FTG: 950'
HRS: 8

In: 9.7/42
Out: 9.4/46

Monument Ridge B 43D-08-7-95 TD'd at 7010' on 02/20/16 at 23:46.