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

**Operator:** Ursa Resources
**Well:** Yater 11B-17-07-95
**Location:** Sec. 17 T7S R95W
**Field:** Battlement Mesa
**County:** Garfield
**State:** Colorado

**Drilling Rig:** Capstar 321
**Ground Elevation:** 5519'
**KB Elevation:** 5536'
**TVD vs. MD:** 1083'
**Spud Date:** 07/27/15
**TD Date:** 08/15/15

**Surface Hole:** 1792' FSL x 1128' FWL
**Bottom Hole:** 392' FNL x 651' FWL
**Drilling Fluid:** LSND
**Dates Logged:** 08/14/15 - 08/15/15
**Depth Logged:** 4346' - 7771'
**Loggers:** T. Boxberger/K. Colligan

Torque (Ft Lbs) 0.0 20000.0
WOB (Klbs) 0.0 60.0
Stand Pipe Pressure (PSI) 0.0 2800.0
Flow (Percent) 0.0 50.0
ROP (Feet/Hour) 0.0 500.0
Total Gas (Units) 1.0 10000.0
Rotary (RPM) 0.0 60.0
Differential Pressure (PSI) 0.0 800.0
PVT Mud Gain/Loss (Barrels) -100.0 100.0
Total Mud (Barrels) 350.0 450.0

**Comments**

Logging depth = 4346'. BGS service begins on 08/14/15 at 06:14.

Pump Sweep
20 Barrels

Bit #3
7 7/8
Varel
V516DU
In at 1925'

Connection at 4382.5'

In: 9.4/39
Out: 9.5/40

Connection at 4425.2'

Connection at 4467.9'

Connection at 4510.6'
In: 9.4/37
Out: 9.4/38

Transfer Mud
Connection at 4553.1'

Connection at 4595.9'

Connection at 4638.6'

In: 9.4/36
Out: 9.3/38

Pump Sweep
10 Barrels

Connection at 4681.3'

Connection at 4724.1'

In: 9.4/36
Out: 9.5/38
Connection at 4766.6'

Connection at 4809.3'

Connection at 4851.9'
Pump Sweep
20 Barrels

In: 9.4/36
Out: 9.4/38

Connection at 4894.8'

Connection at 4937.5'

Connection at 4980.3'

In: 9.4/35
Out: 9.4/37

Connection at 5023'

Connection at 5065.7'
Pump Sweep
10 Barrels

Connection at 5108.4'

Connection at 5151'
In: 9.4/39
Out: 9.3/40

Connection at 5193.7'

Connection at 5236.4'
Pump Sweep
20 Barrels

In: 9.4/38
Out: 9.4/40

Connection at 5279.1'

Connection at 5321.9'

In: 9.4/37
Out: 9.5/39
Connection at 5364.6'

In: 9.4/37
Out: 9.4/36

Connection at 5407.3'

Connection at 5450.1'
Pump Sweep
10 Barrels

Connection at 5492.9'
In: 9.4/37
Out: 9.4/38

Connection at 5535.6'

Prog Top Gas
= 5577' MD
Connection at 5578.3'

Connection at 5621'

Transfer Mud

Connection at 5663.7'

Connection at 5706.5'
Pump Sweep
20 barrels

Connection at 5749.3'

Connection at 5792'

In: 9.4/38
Out: 9.4/38

Connection at 5834.6'

Connection at 5877.3'

Connection at 5920.1'

Connection at 5962.8'

Connection at 6005.5'

In: 9.4/42
Out: 9.5/39

Connection at 6048.3'
Pump Sweep
10 Barrels

Connection at 6090.9'

Connection at 6133.6'

Connection at 6176.5'

Connection at 6219.2'

In: 9.5/38
Out: 9.3/45

Connection at 6262'

Connection at 6304.7'
Pump Sweep
10 Barrels

Connection at 6347.4'

Transfer Mud

Connection at 6390.1'

Connection at 6432.8'

Connection at 6475.5'

In: 9.5/40
Out: 9.3/42

Connection at 6518.2'

Connection at 6561'
Pump Sweep
20 Barrels

Connection at 6603.7'

Connection at 6646.3'

Connection at 6689'
In: 9.5/38
Out: 9.3/43

Connection at 6731.6'

Connection at 6774.2'

Connection at 6816.8'
Pump Sweep
10 Barrels

Connection at 6859.5'

Connection at 6902'

In: 9.6/39
Out: 9.5/39

Connection at 6944.8'

Connection at 6987.4'

Connection at 7030.1'

Prog Cameo = 7035' MD

In: 9.6/40
Out: 9.5/41

Connection at 7072.8'

Pump Sweep
10 Barrels

Connection at 7115.6'

Connection at 7158.4'
In: 9.6/40
Out: 9.6/43

Connection at 7201.1'

Connection at 7243.9'
In: 9.6/41
Out: 9.6/42

Connection at 7286.6'

Connection at 7329.3'
Pump Sweep
10 Barrels

Connection at 7372'
In: 9.6/42
Out: 9.5/46

Transfer Mud
Connection at 7414.8'

Connection at 7457.5'

In: 9.6/40
Out: 9.5/43

Connection at 7500.2'
Pump Sweep
10 Barrels

Connection at 7542.9'

Prog Rollins = 7546' MD

Connection at 7585.6'

In: 9.6/40
Out: 9.5/42

Connection at 7628.4'

Connection at 7671.1'

Connection at 7713.8'
In: 9.6/40
Out: 9.5/44

Pump Sweep
20 Barrels

Connection at 7756.6'

Bit #3
FTG: 5846'
HRS: 47

Yater 11B-17-07-95 TD'd at 7771' on 08/15/15 at 14:09.