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

**Operator:** Ursa Resources
**Well:** Yater 11D-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:** 816'
**Spud Date:** 06/19/15
**TD Date:** 07/19/15

**Surface Hole:** 1742' FSL x 1129' FWL
**Bottom Hole:** 1051' FNL x 660' FWL
**Drilling Fluid:** LSND
**Dates Logged:** 07/17/15 - 07/19/15
**Depth Logged:** 4038' - 7460'
**Logger:** Tarin Boxberger

Torque (Ft Lbs) 0.0 20000.0
WOB (Klbs) 0.0 50.0
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 75.0
Differential Pressure (PSI) 0.0 750.0
PVT Mud Gain/Loss (Barrels) -100.0 100.0
Total Mud (Barrels) 350.0 450.0

**Comments**

Logging depth = 4038'. BGS service begins on 07/17/15 at 23:49.

Connection at 4039.3'
Pump Sweep
15 Barrels

Bit #3
7 7/8
Security
MM55
In at 1885'

Connection at 4082'

Zero Mud Gain/Loss

Connection at 4124.7'
In: 9.4/41
Out: 9.4/47

Connection at 4167.4'

Connection at 4210.2'

Pump Sweep
15 Barrels

Connection at 4252.8'
In: 9.4/38
Out: 9.5/44

Zero Mud Gain/Loss
Connection at 4295.3'

Connection at 4338.1'

In: 9.4/38
Out: 9.5/42

Pump Sweep
15 Barrels
Connection at 4380.7'
Zero Mud Gain/Loss

Connection at 4423.4'

Zero Mud Gain/Loss
Connection at 4466.1'

In: 9.5/38
Out: 9.5/40

Connection at 4508.7'

Connection at 4551.2'

In: 9.5/37
Out: 9.5/40
Connection at 4593.8'

Connection at 4636.5'

Connection at 4679.1'
In: 9.5/38
Out: 9.5/41

Pump Sweep
15 Barrels

Connection at 4721.7'

Connection at 4764.4'

In: 9.4/40
Out: 9.4/47

Connection at 4807.1'

Transfer Mud

Connection at 4849.7'

Connection at 4892.2'
Pump Sweep
15 Barrels
In: 9.5/41
Out: 9.4/43

Connection at 4935'

Connection at 4977.7'

Connection at 5020.4'
In: 9.5/41
Out: 9.2/42

Connection at 5063.3'

In: 9.5/40
Out: 9.4/42

Connection at 5106'

Connection at 5148.9'
Pump Sweep
15 Barrels

Connection at 5191.4'

Prog Top Gas
= 5197' MD

In: 9.5/43
Out: 9.5/44
Connection at 5234.1'

Connection at 5276.8'

Connection at 5319.5'
In: 9.5/42
Out: 9.6/51

Connection at 5362.3'
Pump Sweep
15 Barrels

Connection at 5404.9'

Connection at 5447.7'

In: 9.5/41
Out: 9.5/44

Connection at 5490.2'

Connection at 5532.9'

In: 9.5/47
Out: 9.4/47

Connection at 5575.6'
Pump Sweep
15 Barrels

Transfer Mud

Connection at 5618.3'

Connection at 5661'

Connection at 5703.8'
In: 9.5/42
Out: 9.4/47

Connection at 5746.4'

Connection at 5789.1'
Pump Sweep
15 Barrels

Connection at 5831.8'
In: 9.5/45
Out: 9.5/47

Connection at 5874.4'

Connection at 5917.1'

In: 9.5/42
Out: 9.5/48
Connection at 5959.7'

Connection at 6002.5'

Pump Sweep
15 Barrels

In: 9.5/44
Out: 9.5/47

Connection at 6045.2'

Connection at 6087.8'

Connection at 6130.5'

In: 9.6/44
Out: 9.6/49

Connection at 6173.2'

Connection at 6215.9'

Zero Mud Gain/Loss

Connection at 6258.7'
Pump Sweep
15 Barrels

No Data
6259 - 6298'
Depth not tracking

Connection at 6301.4'
In: 9.5/44
Out: 9.6/47

Connection at 6344.1'

In: 9.6/42
Out: 9.6/49

Connection at 6386.8'
Pump Sweep
15 Barrels

Connection at 6429.5'
Pump Sweep
30 Barrels

Pump Sweep
20 Barrels
Connection at 6472.3'
Zero Mud Gain/Loss

In: 9.5/43
Out: 9.6/47

Connection at 6515'
Pump Sweep
20 Barrels

Zero Mud Gain/Loss
Connection at 6557.7'

Connection at 6600.3'

In: 9.6/41
Out: 9.6/46

Connection at 6643'
Pump Sweep
15 Barrels

Prog Cameo = 6656' MD

Connection at 6685.7'

Connection at 6728.5'

In: 9.6/41
Out: 9.6/49

Connection at 6771.2'

Connection at 6813.7'

Connection at 6856.4'
Pump Sweep
15 Barrels

In: 9.6/42
Out: 9.6/47

Connection at 6899.1'

Connection at 6941.8'

Connection at 6984.5'
In: 9.6/42
Out: 9.7/48

Zero Mud Gain/Loss

Connection at 7027.2'

Connection at 7069.9'
Pump Sweep
15 Barrels

Connection at 7112.4'

In: 9.7/44
Out: 9.7/55

Connection at 7155.2'

Prog Rollins = 7167' MD

Connection at 7198'

Connection at 7240.7'

Pump Sweep
15 Barrels
In: 9.6/43
Out: 9.7/49

Connection at 7283.4'

Connection at 7326.1'
Pump Sweep
15 Barrels

In: 9.6/46
Out: 9.7/108
Connection at 7368.9'

Connection at 7411.6'
In: 9.7/48
Out: 9.6/52

Transfer Mud

Bit #3
FTG: 5575'
HRS: 47

Connection at 7454.3'

Yater 11D-17-07-95 TD'd at 7460' on 07/19/15 at 08:07.