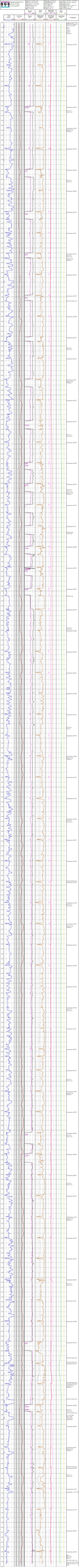

Boxberger Geological Services
0294 Cliff View Circle
Parachute, CO 81635
Phone: 970-285-2494
Fax: 970-285-2492

Operator: Ursa Resources
Well: Yater 43D-18-07-95
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: 437'
Spud Date: 04/05/15
TD Date: 04/07/15

Surface Hole: 1679' FSL x 1107' FWL
Bottom Hole: 1449' FSL x 660' FEL
Drilling Fluid: LSND
Dates Logged: 04/06/15 - 04/07/15
Depth Logged: 3744' - 6885'
Logger: Tarin Boxberger

Torque (Ft Lbs) 0.0 20000.0
WOB (Klbs) 0.0 60.0
Stand Pipe Pressure (PSI) 1000.0 3000.0
Flow (Percent) 0.0 80.0
ROP (Feet/Hour) 0.0 400.0
Total Gas (Units) 1.0 10000.0
Rotary (RPM) 0.0 60.0
Differential Pressure (PSI) 0.0 600.0
PVT Mud Gain/Loss (Barrels) -100.0 100.0
Total Mud (Barrels) 300.0 500.0

Comments

Logging depth = 3744'.
BGS service begins on
04/06/15 at 12:12.

Bit #3
7 7/8
Security
MM55
In at 1842'

Connection at 3784.3'

Connection at 3827'

Connection at 3869.7'

Connection at 3912.4'

In: 9.4/47
Out: 9.5/50

Connection at 3955.1'
Pump Sweep
20 Barrels

Connection at 3997.8'

Connection at 4040.5'

In: 9.4/45
Out: 9.5/47

Connection at 4083.3'

Connection at 4126.2'

Connection at 4169'

Connection at 4211.7'
In: 9.4/44
Out: 9.4/45
Pump Sweep
20 Barrels

Connection at 4254.5'

Connection at 4297.2'

Zero Mud Gain/Loss

Connection at 4339.9'

Connection at 4382.7'

In: 9.2/40
Out: 9.2/41

Connection at 4425.4'

Connection at 4468'
Pump Sweep
20 Barrels

Connection at 4510.7'

Connection at 4553.4'

In: 9.3/41
Out: 9.3/40

Connection at 4596.2'

Connection at 4638.8'

Connection at 4681.6'

In: 9.3/40
Out: 9.4/41
Pump Sweep
20 Barrels

Connection at 4724.3'

Connection at 4767'

Prog Top Gas
= 4779' MD

Connection at 4809.8'

Connection at 4852.5'

Connection at 4895.2'

Pump Sweep

Connection at 4937.9'

In: 9.4/40
Out: 9.4/41
Connection at 4980.6'

Connection at 5023.3'

Connection at 5066.1'

Connection at 5108.8'

Connection at 5151.5'

In: 9.4/40
Out: 9.4

Connection at 5194.2'

Connection at 5236.8'
Pump Sweep
20 Barrels

Connection at 5279.5'

Connection at 5233.2'

Connection at 5364.9'
In: 9.4/40
Out: 9.4/39

Connection at 5407.7'

Conenction at 5450.4'

Zero Mud Gain/Loss
Connection at 5493.2'

Connection at 5535.8'
In: 9.4/38
Out: 9.3/40

Connection at 5578.5'
Pump Sweep
20 Barrels

Connection at 5621.3'

Connection at 5663.8'

Connection at 5706.5'

Connection at 5749.3'
In: 9.5/39
Out: 9.4/41

Connection at 5792'

Connection at 5834.7'

Connection at 5877.4'

In: 9.5/42
Out: 9.5/43

Connection at 5920.1'
Pump Sweep
20 Barrels

Connection at 5962.9'

Connection at 6005.6'
In: 9.6/43
Out: 9.5/43

Connection at 6048.4'

Connection at 6091.1'

In: 9.6/43
Out: 9.5/42

Connection at 6133.7'

Connection at 6176.4'
Pump Sweep
40 Barrels

Connection at 6219.2'

Connection at 6261.8'

Connection at 6304.5'

In: 9.6/43
Out: 9.4/42

Connection at 6226'

Connection at 6389.9'

Connection at 6432.6'

Zero Mud Gain/Loss

Zero Mud Gain/Loss
Connection at 6475.1'

Zero Mud Gain/Loss
Connection at 6517.9'
Transfer Mud
40 Barrels

Zero Mud Gain/Loss

Connection at 6560.6'

In: 9.6/41
Out: 9.5/40
Zero Mud Gain/Loss

Low Gas Data
6548' - 6601'
Gas detector
malfunction

Connection at 6603.4'

Connection at 6646'
Pump Sweep
20 Barrels

Zero Mud Gain/Loss
Connection at 6688.6'

In: 9.6/41
Out: 9.5/40

Connection at 6731.3'

Prog Rollins = 6737' MD

Connection at 6773.9'

Connection at 6816.6'

Connection at 6859.6'

Bit #3
FTG: 5043'
HRS: 45

Zero Mud Gain/Loss

Yater 43D-18-07-95 TD'd
at 6885' on 04/07/15 at
19:31.