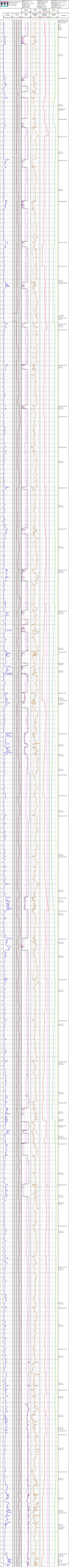

Boxberger Geological Services
0294 Cliff View Circle
Parachute, CO 81635
Phone: 970-285-2494
Fax: 970-285-2492

Operator: WPX Energy
Well: PA 44-3
Location: Sec. 3 T7S R95W
Field: Parachute
County: Garfield
State: Colorado

Drilling Rig: Aztec 1000
Ground Elevation: 5821'
KB Elevation: 5846'
TVD vs. MD: 645'
Spud Date: 06/04/14
TD Date: 06/10/14

Surface Hole: 2049' FSL x 1536' FWL
Bottom Hole: 1230' FSL x 685' FEL
Drilling Fluid: LSND
Dates Logged: 06/07/14 - 06/10/14
Depth Logged: 4405' - 7979'
Logger: Tarin Boxberger

Torque (KFt Lbs) 0.0 30.0
WOB (Klbs) 0.0 60.0
Stand Pipe Pressure (PSI) 0.0 4000.0
Flow (Percent) 70.0 100.0
ROP (Minutes/Foot) 0.0 4.0
Total Gas (Units) 1.0 10000.0
Rotary (RPM) 0.0 75.0
Differential Pressure (PSI) 0.0 600.0
PVT Mud Gain/Loss (Barrels) -100.0 100.0
Total Mud (Barrels) 600.0 900.0
4400
4410
4420
4430
4440
4450
4460
4470
4480
4490
4500
4510
4520
4530
4540
4550
4560
4570
4580
4590

Comments

Logging depth = 4405'. BGS service begins on 06/07/14 at 21:26.

Bit #3
8 3/4
Varel
R516DUX
In at 2157'

Connection at 4439.8'

In: 9.8/50
Out: 9.9/50

Connection at 4534.5'

In: 9.8/50
Out: 9.8/49

Prog Mesaverde
= 4605' MD

Connection at 4629.6'

Zero Mud Gain/Loss

In: 9.8/51
Out: 9.9/49

Connection at 4724.4'

In: 9.8/56
Out: 9.8/53

Connection at 4819.2'

Connection at 4914.1'

Zero Mud Gain/Loss

In: 9.8/53
Out: 9.8/46
Connection at 5008.9'

No Gas Data
5080' - 5097'
Gas detector being serviced

Connection at 5103.9'
In: 9.9/54
Out: 9.8/48

Zero Mud Gain/Loss

Connection at 5198.6'
In: 10.2/57
Out: 9.8/45

Connection at 5293.3'
In: 10.1/54
Out: 9.9/50

Zero Mud Gain/Loss

Connection at 5388.1'

In: 10.3/52
Out: 10.1/50

Connection at 5482.8'

In: 10.4/51
Out: 10.3/49

Connection at 5577.7'

In: 10.5/50
Out: 10.4/48

Connection at 5672.4'
In: 10.5/56
Out: 10.4/51

Connection at 5767.2'
In: 10.6/52
Out: 10.5/49

In: 10.7/53
Out: 10.5/49

Connection at 5862.1'

Prog Top Gas
= 5888' MD

In: 10.8/53
Out: 10.6/51

Connection at 5957'

In: 10.9/52
Out: 10.8/49
Zero Mud Gain/Loss

Transfer Mud
30 Barrels

Connection at 6051.8'

In: 10.8/50
Out: 10.8/48

In: 10.9/50
Out: 10.8/48

In: 10.5/55
Out: 10.5/60

Connection at 6146.5'

Zero Mud Gain/Loss

In: 10.9/56
Out: 10.6/63

Connection at 6241.4'

In: 11.1/47
Out: 10.9/55
Connection at 6336.3'

In: 11.0/50
Out: 10.7/50

Connection at 6431'

In: 11.1/53
Out: 10.7/47

Zero Mud Gain/Loss

In: 11.1/53
Out: 10.6/56

Connection at 6526'

In: 11.1/50
Out: 10.7/48

In: 11.2/50
Out: 10.8/48

Connection at 6620.9'

In: 11.2/53
Out: 10.8/59

Connection at 6715.9'

In: 11.2/56
Out: 10.7/64

Connection at 6810.8'
In: 11.3/63
Out: 10.9/74

In: 11.6/56
Out: 10.8/64

Connection at 6905.5'

In: 11.2/69
Out: 11.1/67

Transfer Mud
100 Barrels

Prog Cameo Coals
= 6958' MD

In: 11.3/59
Out: 11.2/64
Zero Mud Gain/Loss

Connection at 7000.2'

In: 11.4/53
Out: 11.3/48

Connection at 7095.3'

In: 11.5/55
Out: 11.3/63

Pump Sweep
20 Barrels

Connection at 7190.2'

In: 11.5/56
Out: 11.4/64

Connection at 7285.1'
In: 11.6/65
Out: 11.6/72

In: 11.6/55
Out: 11.4/76

Connection at 7380.2'

In: 11.7/56
Out: 11.6/67

Connection at 7475.2'

In: 11.7/56
Out: 11.7/64

In: 11.6/57
Out: 11.5/96

Connection at 7570.1'

In: 11.6/60
Out: 11.3/93

In: 11.7/63
Out: 11.5/97

In: 11.8/64
Out: 11.4/66
Connection at 7664.7'

Zero Mud Gain/Loss

In: 11.7/54
Out: 11.3/64

Connection at 7759.6'

In: 11.8/58
Out: 11.3/79

In: 12.0/56
Out: 11.6/75

In: 11.9/52
Out: 11.8/74
Connection at 7854.5'

In: 11.9/51
Out: 11.7/63
Prog Rollins SS
= 7888' MD

Connection at 7949.3'
In: 11.9/50
Out: 11.7/63

Bit #3
FTG: 5822'
HRS: 70

PA 44-3 TD'd at 7979' on 06/10/14 at 06:08.