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

Operator: WPX Energy
Well: PA 444-3
Location: Sec. 3 T7S R95W
Field: Parachute
County: Garfield
State: Colorado

Drilling Rig: Aztec 1000
Ground Elevation: 5821'
KB Elevation: 5846'
TVD vs. MD: 758'
Spud Date: 05/05/14
TD Date: 05/11/14

Surface Hole: 2029' FSL x 1548' FWL
Bottom Hole: 618' FSL x 595' FEL
Drilling Fluid: LSND
Dates Logged: 05/08/14 - 05/11/14
Depth Logged: 4518' - 8105'
Loggers: T. Boxberger/K. Colligan

Torque (KFt Lbs) 0.0 30.0
WOB (Klbs) 0.0 60.0
Stand Pipe Pressure (PSI) 0.0 4000.0
Flow (Percent) 60.0 120.0
ROP (Minutes/Foot) 0.0 3.0
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) -200.0 200.0
Total Mud (Barrels) 600.0 900.0
Comments
4510
4520
4530
4540
4550
4560
4570
4580
4590
4600
4610
4620
4630
4640
4650
4660
4670
4680

Logging depth = 4518'. BGS service begins on 05/08/14 at 20:34.

Bit #3
8 3/4
Hughes
DP505
In at 1312'

Connection at 4534.8'
In: 10.2/64
Out: 10.3/95

Connection at 4629.8'

In: 10.2/65
Out: 10.2/97

Prog Mesaverde
= 4718' MD
Connection at 4724.6'

In: 10.1/65
Out: 10.2/92

Connection at 4819.4'

In: 10.2/54
Out: 10.3/89

Connection at 4914.3'
In: 10.2/51
Out: 10.2/58

In: 10.2/62
Out: 10.1/55
Connection at 5009.1

In: 10.2/58
Out: 10.2/53

Connection at 5104.2'

In: 10.3/64
Out: 10.3/61

In: 10.4/53
Out: 10.5/54

Connection at 5198.9'

In: 10.5/56
Out: 10.4/53

Connection at 5293.6'

In: 10.6/52
Out: 10.5/54
Connection at 5388.4'

Pump Sweep

In: 10.6/52
Out: 10.6/55

Connection at 5483.1

Pump Sweep
In: 10.6/52
Out: 10.6/53

Connection at 5577.9'

In: 10.6/52
Out: 10.6/55

In: 10.7/52
Out: 10.6/55

Connection at 5672.7'

In: 10.8/53
Out: 10.7/54

Pump Sweep

In: 10.8/53
Out: 10.8/57

Connection at 5767.4'

In: 10.8/53
Out: 10.8/55

Connection at 5862.4'
In: 10.8/61
Out: 10.8/56
Transfer Mud
200 Barrels

Bit #3
FTG: 4645'
HRS: 41.5

Bit #4
8 3/4
Varel
VM516
In at 5957'

Prog Top Gas
= 5959' MD

In: 10.9/79
Out: 10.6/78

Connection at 6052.1'

Connection at 6146.8'
In: 10.9/78
Out: 10.8/74

In: 11.0/75
Out: 73

Connection at 6241.7'

In: 11.2/72
Out: 11.0/75
Connection at 6336.6'

In: 11.3/66
Out: 11.1/79

Connection at 6431.3'

Pump Sweep

Connection at 6526.3'
In: 11.3/68
Out: 11.2/79

Connection at 6621.2'

Transfer Mud
60 Barrels

In: 11.3/63
Out: 11.2/68

Connection at 6716.1'

In: 11.4/63
Out: 11.3/66

Connection at 6811.1'

In: 11.4/62
Out: 11.3/67

In: 11.5/57
Out: 11.4/62
Connection at 6905.7'

In: 11.5/61
Out: 11.5/68

Connection at 7000.5'

In: 11.5/63
Out: 11.5/66

Prog Cameo Coals
= 7019' MD

Pump Sweep

In: 11.4/61
Out: 11.2/123

Connection at 7095.6'

In: 11.5/70
Out: 11.3/104

Connection at 7190.4'

In: 11.5/68
Out: 11.3/112

Connection at 7285.4'

In: 11.9/62
Out: 11.2/97

Connection at 7380.5'

In: 11.9/60
Out: 11.4/102

Connection at 7475.4'
In: 11.9/72
Out: 11.5/109

In: 11.8/75
Out: 11.7/108
Connection at 7570.3'

In: 11.9/67
Out: 11.7/104

Connection at 7665'

In: 11.9/71
Out: 11.2/110

Connection at 7759.8'

In: 12.0/70
Out: 11.7/107

Connection at 7854.8'
In: 12.0/76
Out: 11.8/105

In: 12.0/67
Out: 11.7/102

Connection at 7949.5'

Prog Rollins SS
= 7959' MD

In: 12.0/93
Out: 12.0/103

Connection at 8044.3'

In: 12.1/97
Out: 11.9/106

Bit #4
FTG: 2148'
HRS: 27.5

PA 444-3 TD'd at 8105' on 05/11/14 at 09:55.