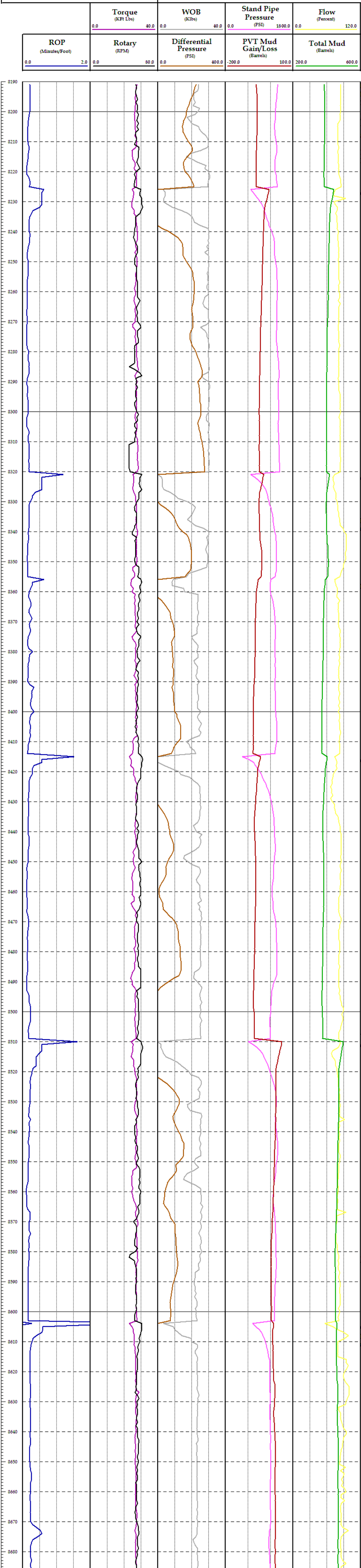
Boxberger Geological Services
0294 Cliff View Circle
Parachute, CO 81635
Phone: 970-285-2494
Fax: 970-285-2492

Operator: TEP Rocky Mountain LLC
Well: TR 414-21-597
Location: Sec. 21 T5S R97W
Field: Trail Ridge
County: Garfield
State: Colorado

Drilling Rig: HP 271
Ground Elevation: 8292'
KB Elevation: 8316'
TVD vs. MD: 227'
Spud Date: 02/01/17
TD Date: 03/31/17

Surface Hole: 669' FSL x 1853' FWL
Bottom Hole: 421' FSL x 291' FWL
Drilling Fluid: LSND/Air/Mist
Dates Logged: 03/30/17 - 03/31/17
Depth Logged: 8191' - 9466'
Logger: Tarin Boxberger



Comments

Logging depth = 8191'.
BGS service begins on 03/30/17 at 15:58.

Prog Cameo Coals = 8191' MD

Bit #4
8 3/4
Smith
MDI516
In at 6656'

Connection at 8226.8'

Connection at 8321.3'

In: 8.8/38
Out: 8.8/39

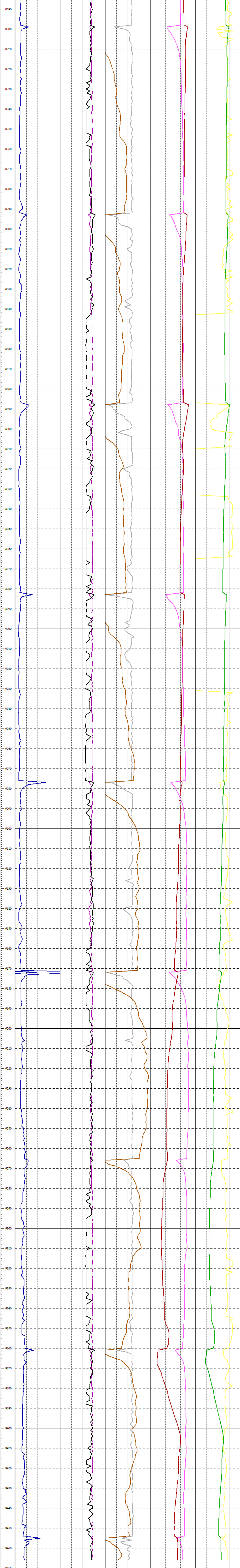
Pump Sweep

Connection at 8415.7'

Transfer Mud
Connection at 8510.2'

Prog Rollins SS = 8581' MD

Connection at 8604.7'
In: 8.7/38
Out: 8.7/38



Connection at 8699.3'
Pump Sweep

Prog Cozzette = 8771' MD

Connection at 8793.8'

In: 8.7/38
Out: 8.7/38

Intermittent Flow Data
8843' - 9031'
Sensor malfunction

Connection at 8888.4'

In: 8.8/38
Out: 8.8/38
Connection at 8983'
Pump Sweep

Prog Corcoran = 9015' MD

Intermittent Flow Data
8843' - 9031'
Sensor malfunction

Connection at 9077.5'
Pump Sweep

In: 55
Out: 40

Connection at 9172'
Pump Sweep

Prog Sego = 9193' MD

Connection at 9266.6'

Pump Sweep

In: 8.9/55
Out: 8.9/55

Connection at 9361.2'
Pump Sweep

Transfer Mud

Bit #4
FTG: 2810'
HRS: 19.5

Connection at 9455.8'
In: 8.9/55
Out: 8.9/55

TR 414-21-597 TD'd at 9466' on 03/31/17 at 00:52.