LITHOLOGY STRIP LOG
WellSight Systems
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Federal #20-3
API: 11-019-200014
Location: Bonneville County, Idaho
License Number:
Region:
Spud Date: 11/14/17
Drilling Completed: TBD
Surface Coordinates:

Bottom Hole Coordinates:
Ground Elevation (ft):
K.B. Elevation (ft):
Logged Interval (ft): 2,014' To: TBD
Total Depth (ft): TBD
Formation:
Type of Drilling Fluid: WBM

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

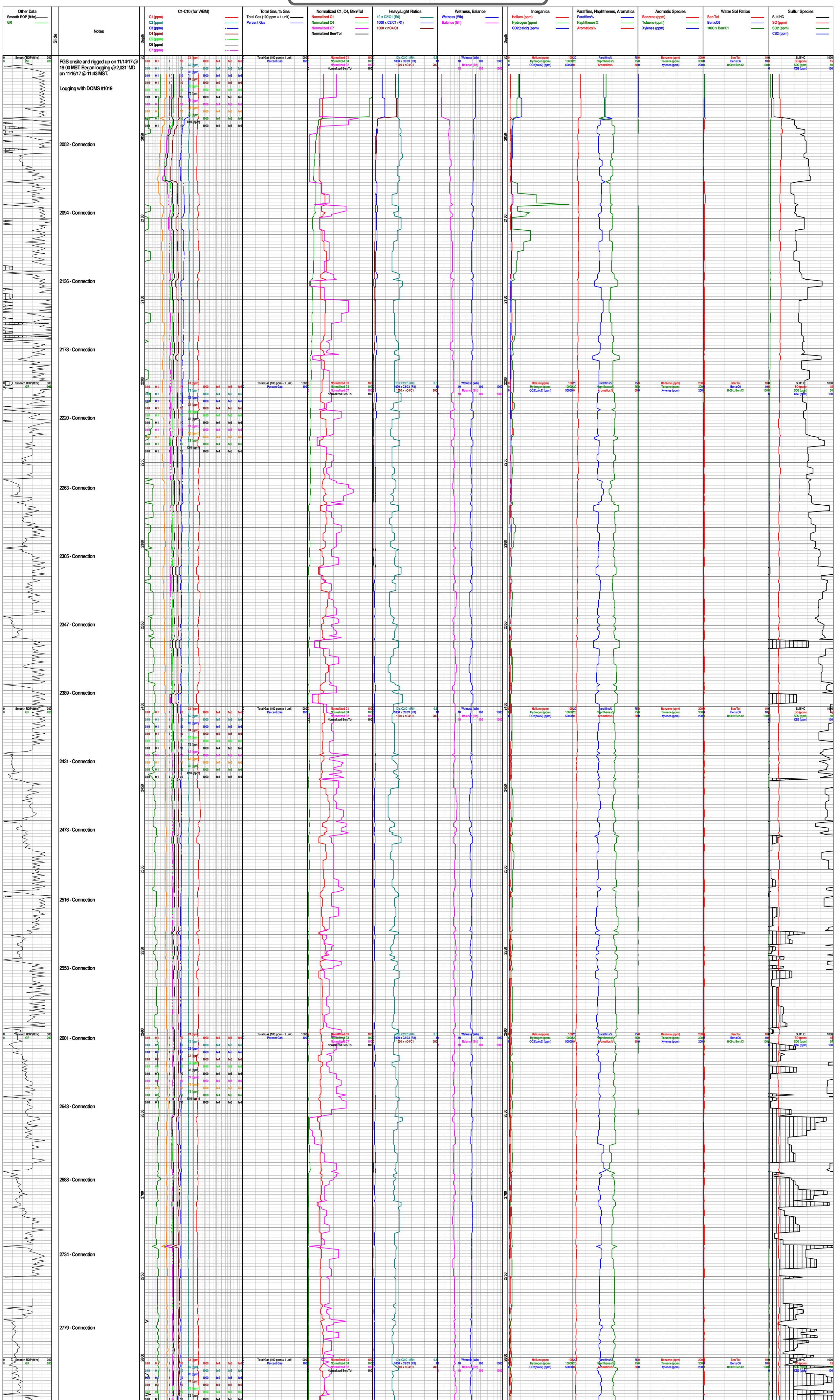
Company: BHI/CPC Minerals, LLC
Address:

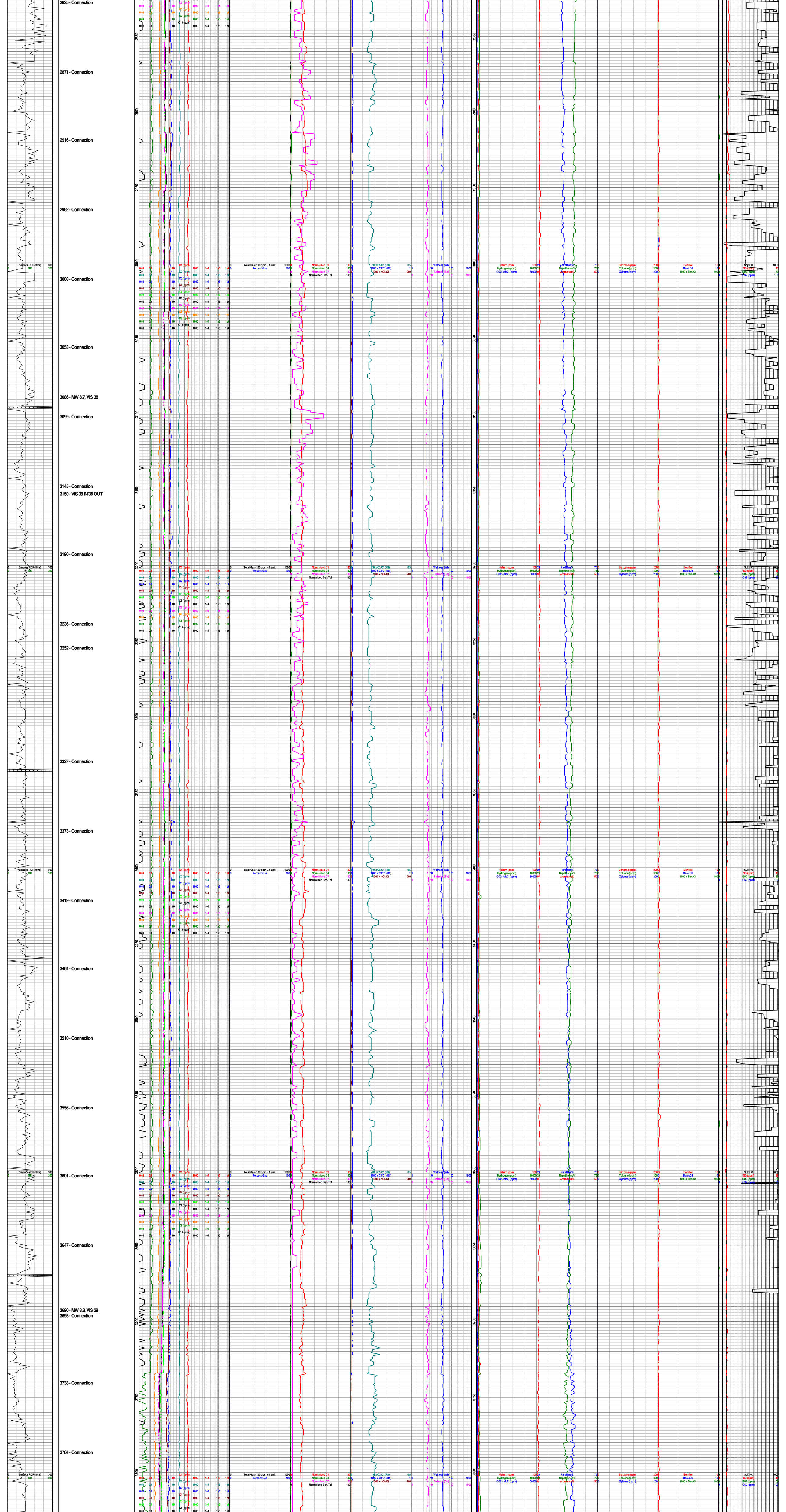
GEOLOGIST

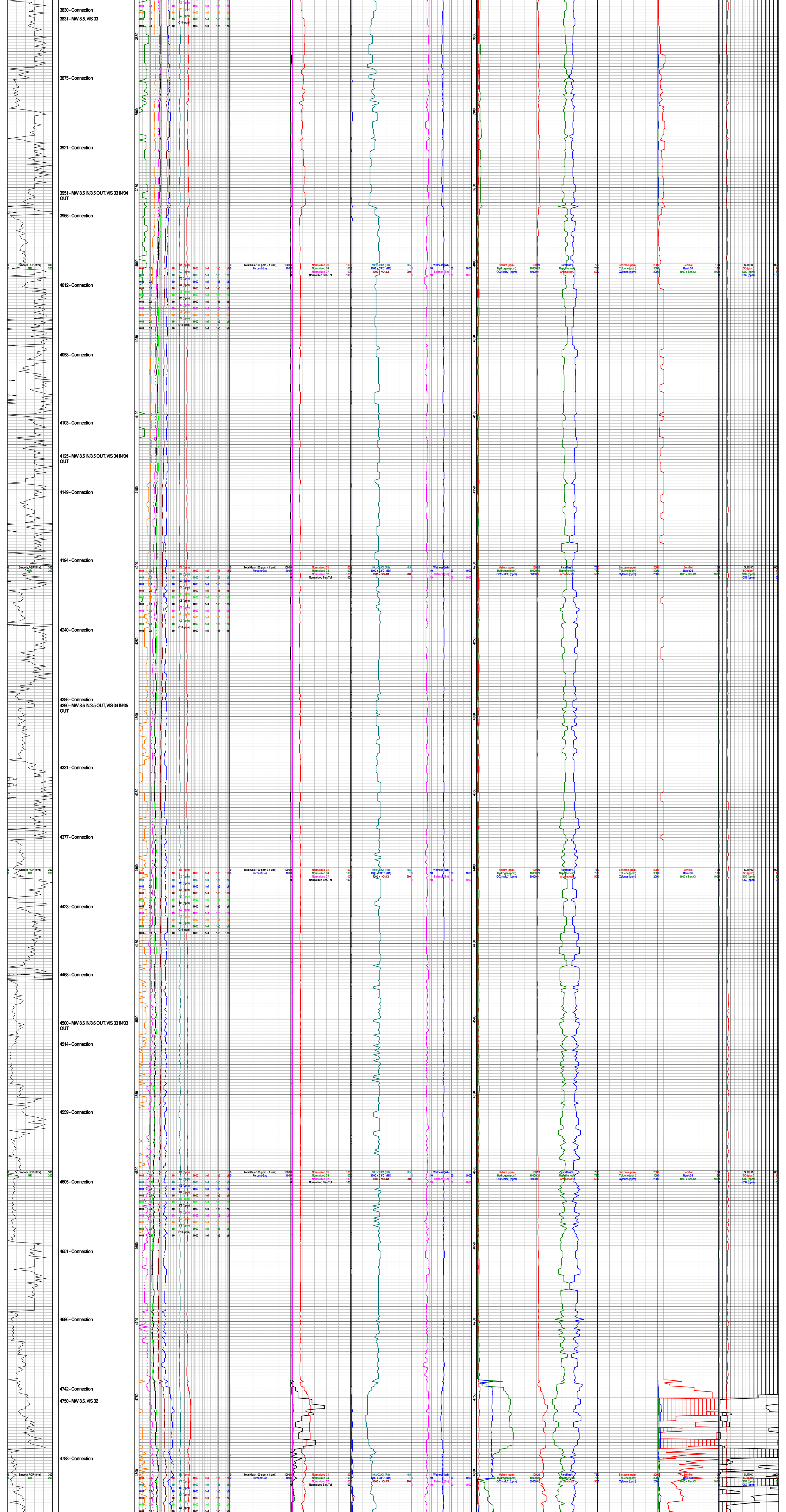
Name: Miles Wentland
Company: FIELD GEO SERVICES
Address: 533 BOGART LANE, UNIT A
GRAND JUNCTION, CO 81505

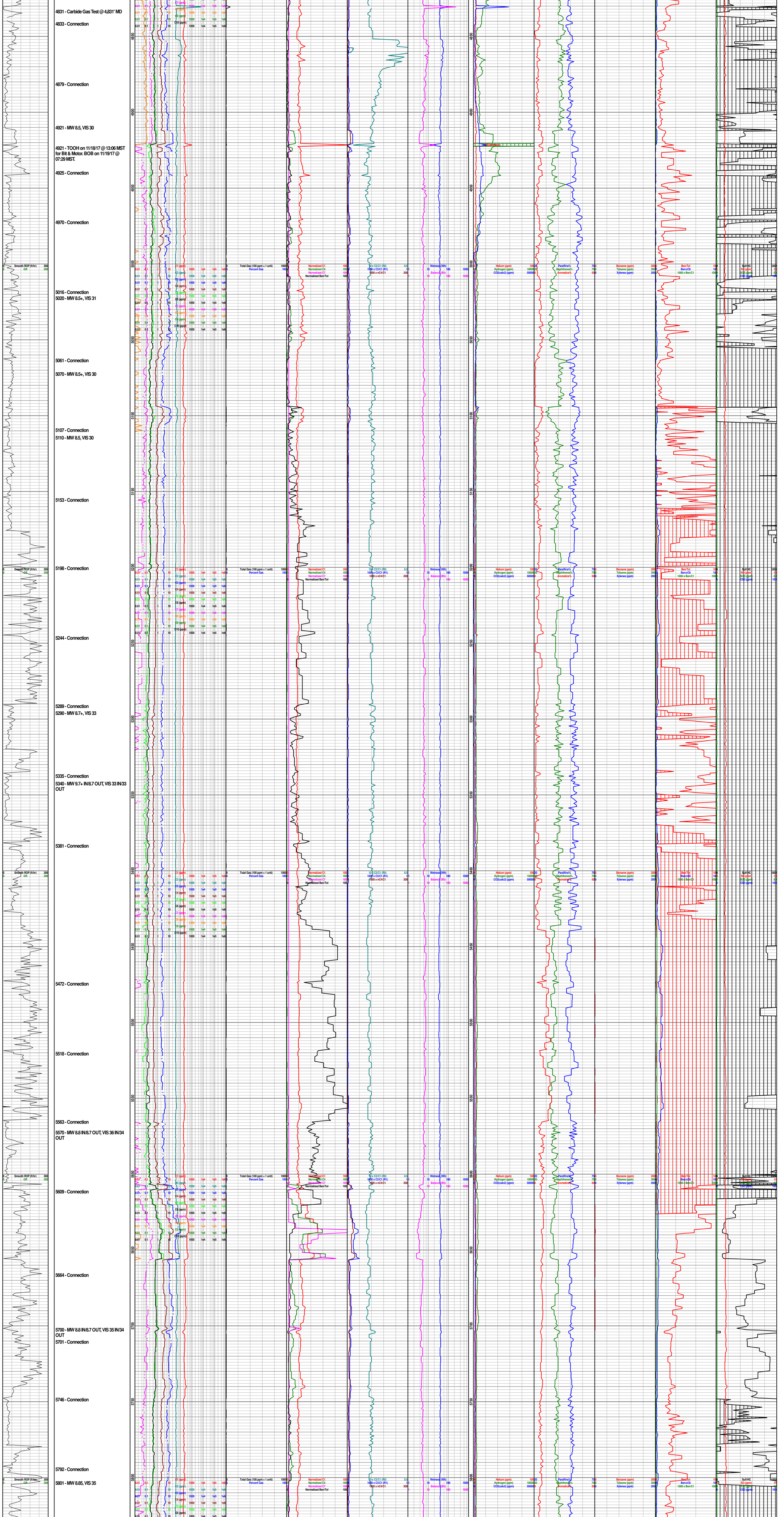
Comments

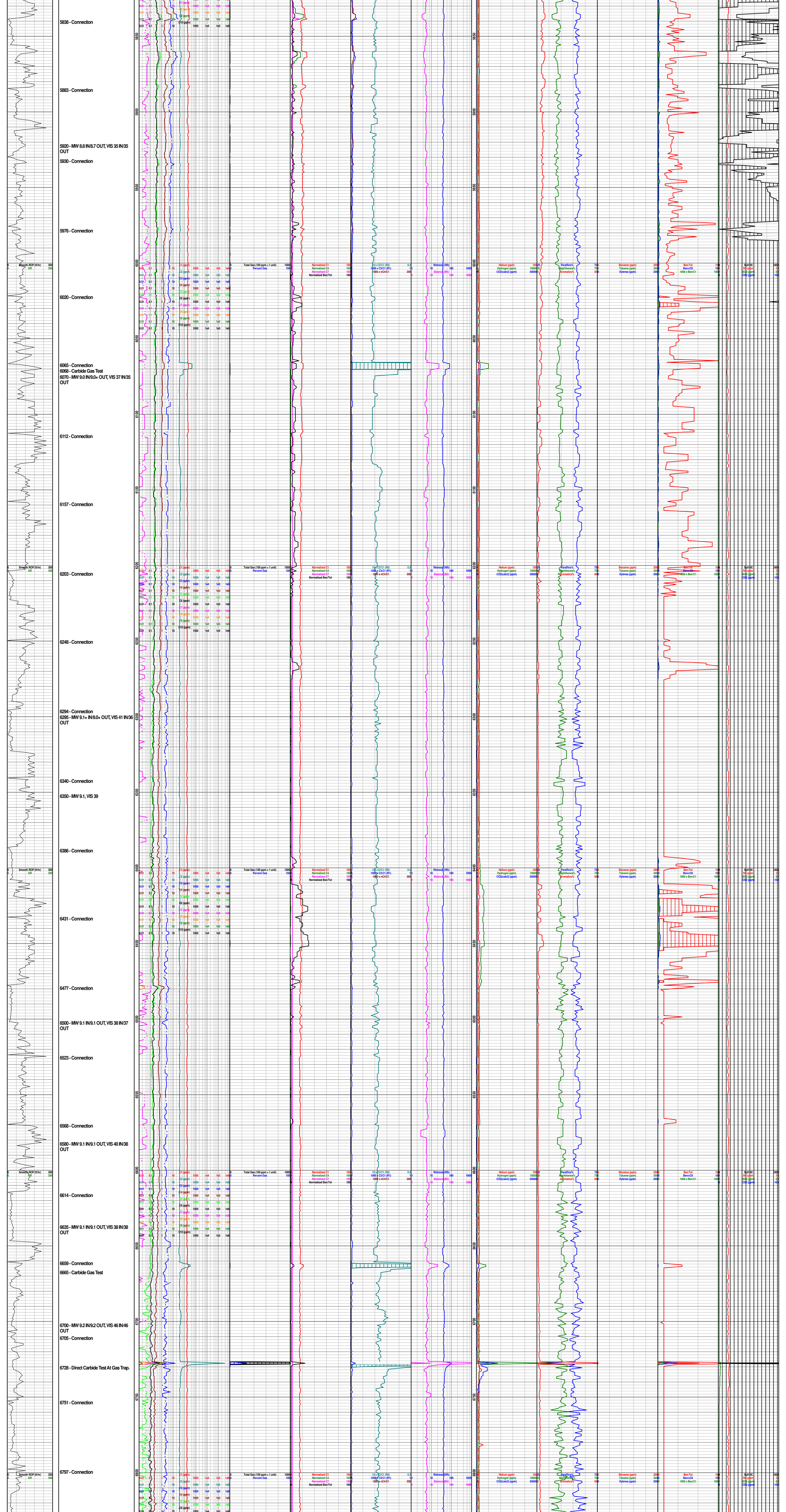
LOGGED WITH DQ1019

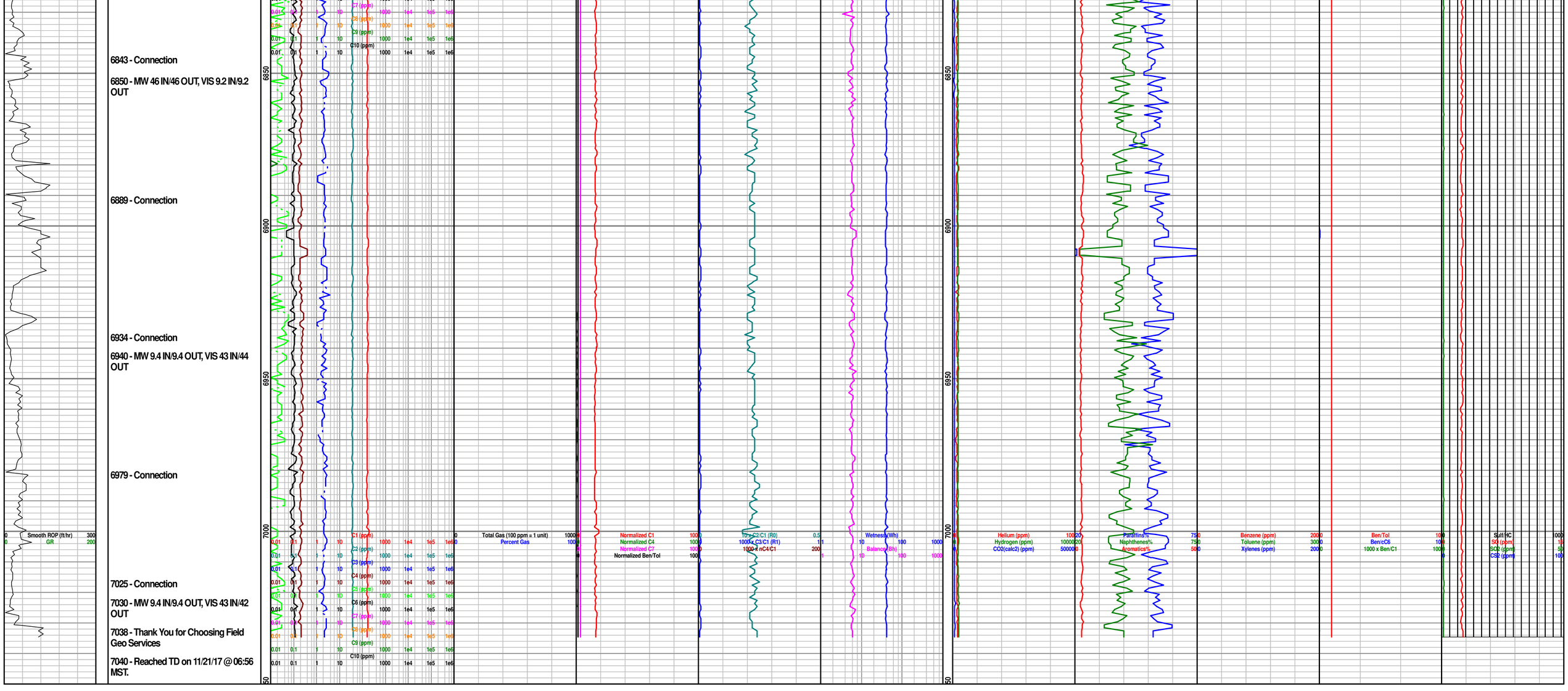



2825 - Connection
2871 - Connection
2916 - Connection
2962 - Connection
3008 - Connection
3053 - Connection
3086 - MW 8.7, VIS 38
3099 - Connection
3145 - Connection
3150 - VIS 38 IN/38 OUT
3190 - Connection
3236 - Connection
3252 - Connection
3327 - Connection
3373 - Connection
3419 - Connection
3464 - Connection
3510 - Connection
3556 - Connection
3601 - Connection
3647 - Connection
3690 - MW 8.8, VIS 29
3693 - Connection
3738 - Connection
3784 - Connection
Smooth ROP (ft/hr)
GR
Total Gas (100 ppm = 1 unit)
Percent Gas
Normalized C1
Normalized C4
Normalized Ben/Tol
10 x C2/C1 (Rt)
1000 x C3/C1 (Rt)
1000 x nC4/C1
Methane (Mth)
Ethane (Eth)
Propane (Prp)
Helium (ppm)
Hydrogen (ppm)
CO2(calc2) (ppm)
Naphthalene (ppm)
Benzene (ppm)
Toluene (ppm)
Xylenes (ppm)
Ben/Tol
Ben/nC6
1000 x Ben/C1
SumHC
C5 (ppm)
C6 (ppm)
C7 (ppm)
C8 (ppm)
C9 (ppm)
C10 (ppm)
C11 (ppm)
C12 (ppm)
C13 (ppm)
C14 (ppm)
C15 (ppm)
C16 (ppm)
2850
2900
2950
3000
3050
3100
3150
3200
3250
3300
3350
3400
3450
3500
3550
3600
3650
3700
3750
3800


3830 - Connection
3831 - MW 8.5, VIS 33
3875 - Connection
3921 - Connection
3951 - MW 8.5 IN8.5 OUT, VIS 33 IN34 OUT
3966 - Connection
4012 - Connection
4058 - Connection
4103 - Connection
4125 - MW 8.5 IN8.5 OUT, VIS 34 IN34 OUT
4149 - Connection
4194 - Connection
4240 - Connection
4286 - Connection
4290 - MW 8.6 IN8.5 OUT, VIS 34 IN35 OUT
4331 - Connection
4377 - Connection
4423 - Connection
4468 - Connection
4500 - MW 8.6 IN8.6 OUT, VIS 33 IN33 OUT
4514 - Connection
4559 - Connection
4605 - Connection
4651 - Connection
4696 - Connection
4742 - Connection
4750 - MW 8.6, VIS 32
4788 - Connection
Smooth ROP (ft/hr)
GR
Total Gas (100 ppm = 1 unit)
Percent Gas
Normalized C1
Normalized C4
Normalized C7
Normalized Ben/Tol
10 x C2/C1 (Rt)
1000 x C3/C1 (Rt)
1000 x nC4/C1
Wetness (Wh)
Balance (Wh)
Helium (ppm)
Hydrogen (ppm)
CO2(sub2) (ppm)
Benzene (ppm)
Toluene (ppm)
Xylenes (ppm)
Ben/Tol
Ben/nC6
1000 x Ben/C1
SulfHC
H2S (ppm)
SO2 (ppm)
CS2 (ppm)


4831 - Carbide Gas Test @ 4,831' MD
4833 - Connection
4879 - Connection
4921 - MW 8.5, VIS 30
4921 - TOOH on 11/18/17 @ 13:06 MST for Bit & Motor. BOB on 11/19/17 @ 07:29 MST.
4925 - Connection
4970 - Connection
5016 - Connection
5020 - MW 8.5+, VIS 31
5061 - Connection
5070 - MW 8.5+, VIS 30
5107 - Connection
5110 - MW 8.5, VIS 30
5153 - Connection
5198 - Connection
5244 - Connection
5289 - Connection
5290 - MW 8.7+, VIS 33
5335 - Connection
5340 - MW 9.7+ IN/8.7 OUT, VIS 33 IN/33 OUT
5381 - Connection
5472 - Connection
5518 - Connection
5563 - Connection
5570 - MW 8.8 IN/8.7 OUT, VIS 36 IN/34 OUT
5609 - Connection
5664 - Connection
5700 - MW 8.8 IN/8.7 OUT, VIS 35 IN/34 OUT
5701 - Connection
5746 - Connection
5792 - Connection
5801 - MW 8.85, VIS 35
Smooth ROP (ft/hr)
GR
Total Gas (100 ppm = 1 unit)
Percent Gas
Normalized C1
Normalized C4
Normalized Ben/Tol
C1/ C2/C3 (Rt)
100 x C2/C3 (Rt)
100 x nC4/C1
Wetness (Wh)
Balance (Bl)
Helium (ppm)
Hydrogen (ppm)
CO2(sub2) (ppm)
Paraffin's
Naphthene's
Aromatic's
Benzene (ppm)
Toluene (ppm)
Xylenes (ppm)
Ben/Tol
Benzene
100 x Ben/C1
SulfHC
H2S (ppm)
CO (ppm)


5838 - Connection
5883 - Connection
5920 - MW 8.8 IN/8.7 OUT, VIS 35 IN/35 OUT
5930 - Connection
5976 - Connection
6020 - Connection
6065 - Connection
6068 - Carbide Gas Test
6070 - MW 9.0 IN/9.0+ OUT, VIS 37 IN/35 OUT
6112 - Connection
6157 - Connection
6203 - Connection
6248 - Connection
6294 - Connection
6295 - MW 9.1+ IN/9.0+ OUT, VIS 41 IN/36 OUT
6340 - Connection
6350 - MW 9.1, VIS 39
6386 - Connection
6431 - Connection
6477 - Connection
6500 - MW 9.1 IN/9.1 OUT, VIS 38 IN/37 OUT
6523 - Connection
6568 - Connection
6580 - MW 9.1 IN/9.1 OUT, VIS 40 IN/38 OUT
6614 - Connection
6635 - MW 9.1 IN/9.1 OUT, VIS 38 IN/38 OUT
6659 - Connection
6665 - Carbide Gas Test
6700 - MW 9.2 IN/9.2 OUT, VIS 46 IN/46 OUT
6705 - Connection
6728 - Direct Carbide Test At Gas Trap.
6751 - Connection
6797 - Connection
Smooth ROP (ft/hr)
GR
Total Gas (100 ppm x 1 unit)
Percent Gas
Normalized C1
Normalized C4
Normalized C7
Normalized Ben/Tol
Wetness (Wh)
Balance (Bh)
Helium (ppm)
Hydrogen (ppm)
CO2(sub2) (ppm)
Paraffine's
Naphthene's
Aromatic's
Benzene (ppm)
Toluene (ppm)
Xylenes (ppm)
Ben/Tol
Ben/nC6
1000 x Ben/C1
SpHPC
C6 (ppm)
C7 (ppm)
C8 (ppm)


6843 - Connection
6850 - MW 46 IN/46 OUT, VIS 9.2 IN/9.2 OUT
6889 - Connection
6934 - Connection
6940 - MW 9.4 IN/9.4 OUT, VIS 43 IN/44 OUT
6979 - Connection
7025 - Connection
7030 - MW 9.4 IN/9.4 OUT, VIS 43 IN/42 OUT
7038 - Thank You for Choosing Field Geo Services
7040 - Reached TD on 11/21/17 @ 06:56 MST.
Smooth ROP (ft/hr)
GR
C1 (ppm)
C2 (ppm)
C3 (ppm)
C4 (ppm)
C5 (ppm)
C6 (ppm)
C7 (ppm)
C8 (ppm)
C9 (ppm)
C10 (ppm)
Total Gas (100 ppm = 1 unit)
Percent Gas
Normalized C1
Normalized C4
Normalized C7
Normalized Ben/Tol
100 x C2/C1 (R0)
1000 x C3/C1 (R1)
1000 x nC4/C1
Wetness (Wh)
Balance (Bh)
Helium (ppm)
Hydrogen (ppm)
CO2(calc2) (ppm)
Paraffins%
Naphthenes%
Aromatics%
Benzene (ppm)
Toluene (ppm)
Xylenes (ppm)
Ben/Tol
Ben/C6
1000 x Ben/C1
Suff/HC
S4 (ppm)
SO2 (ppm)
CS2 (ppm)