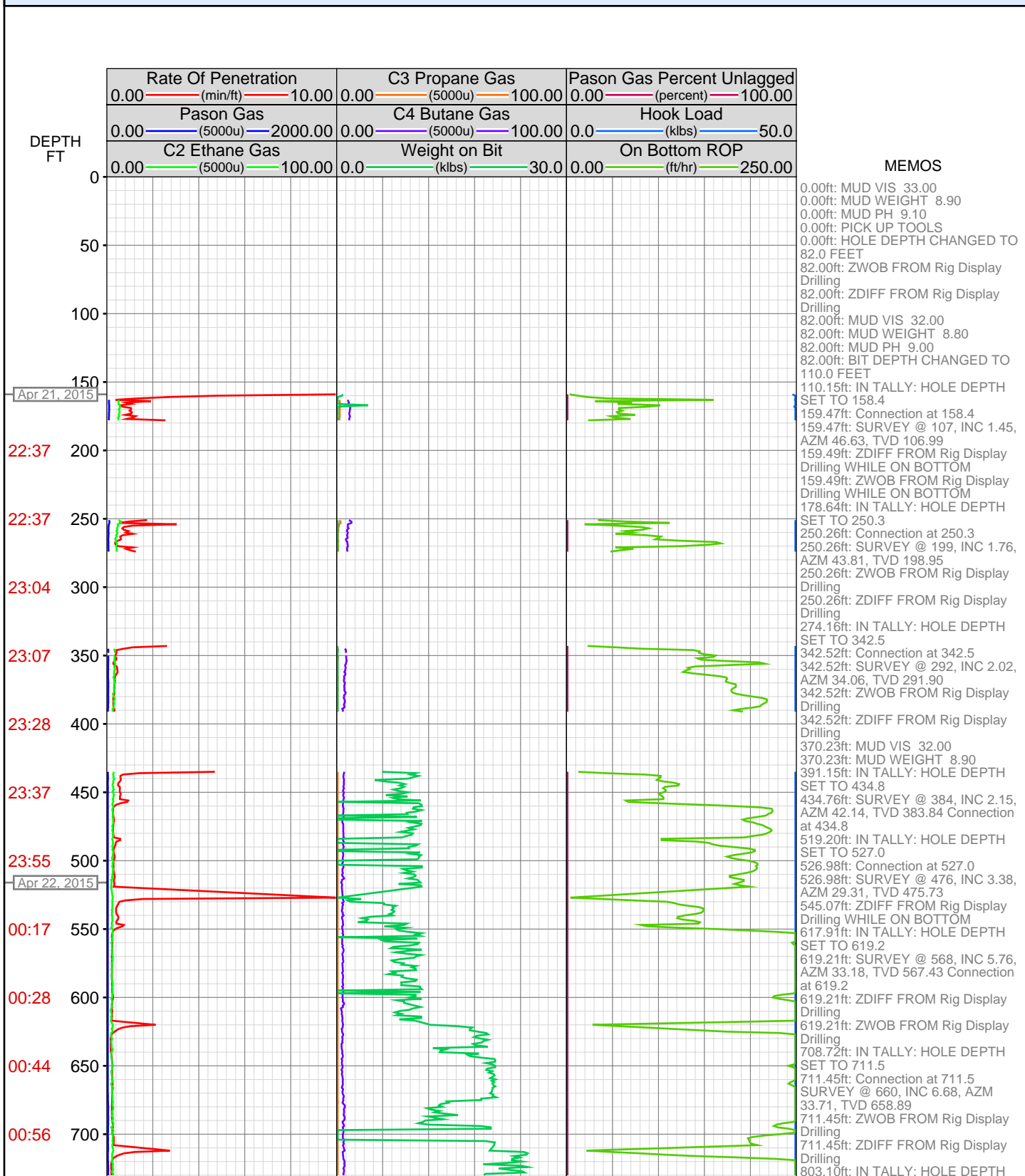
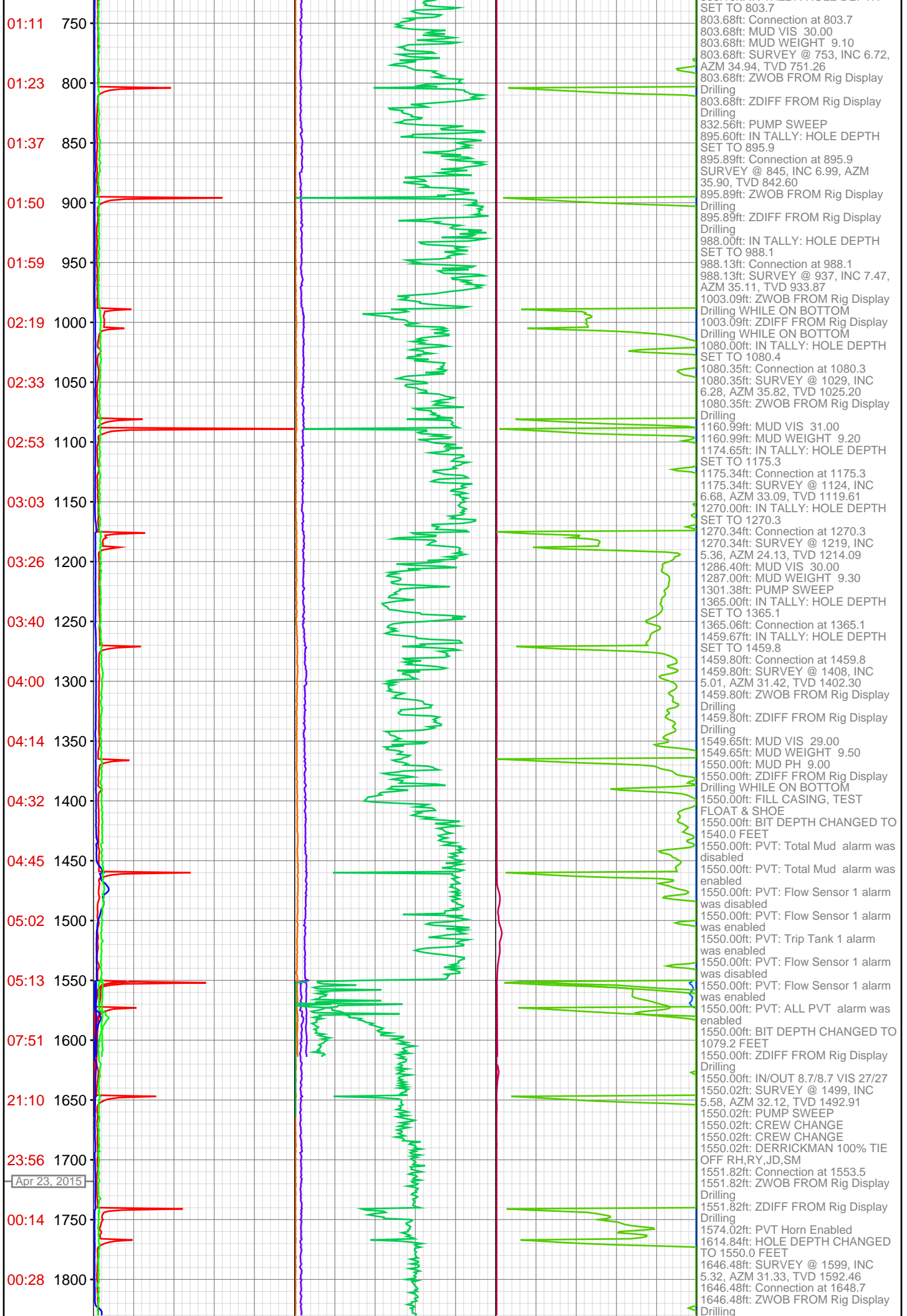
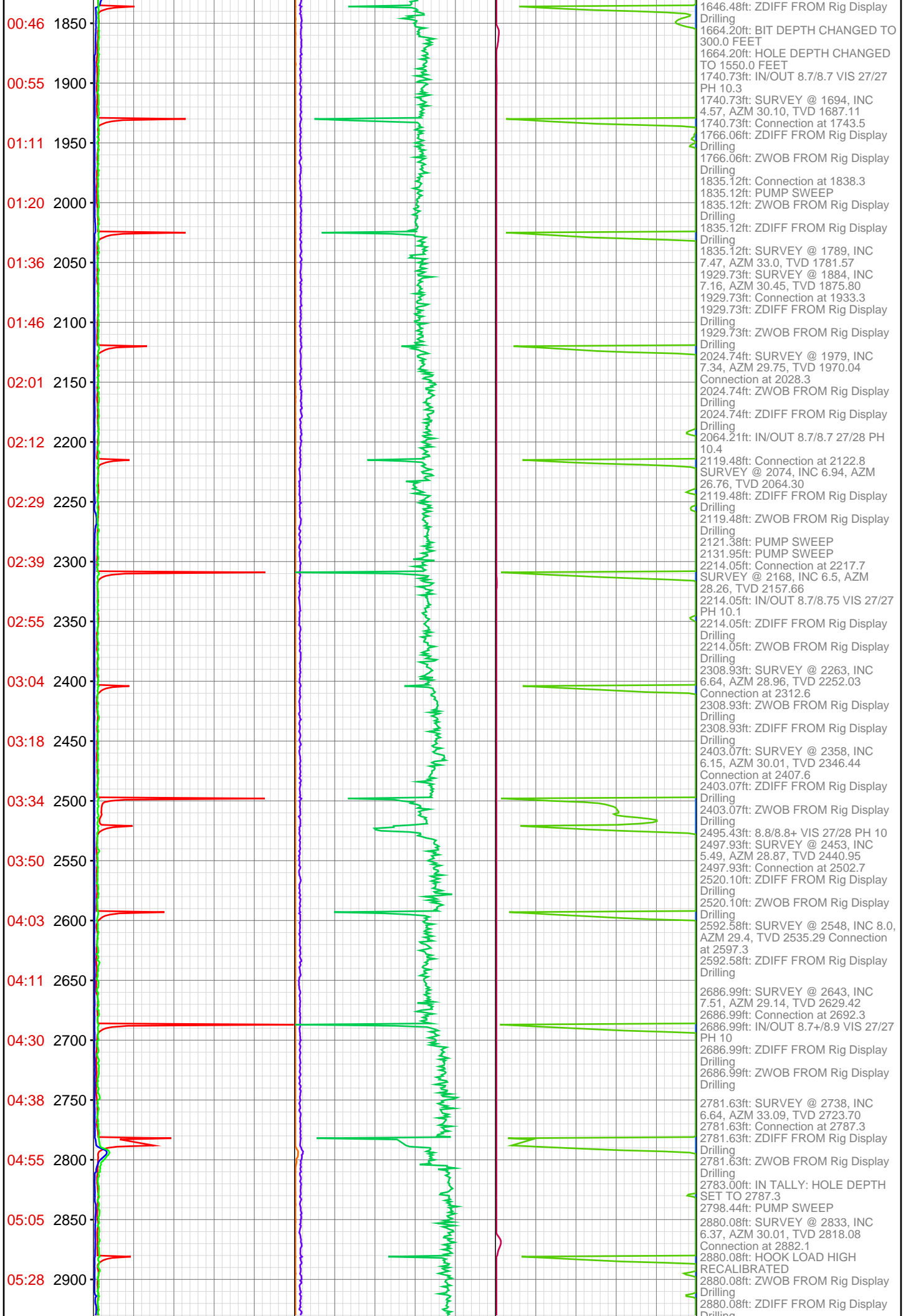


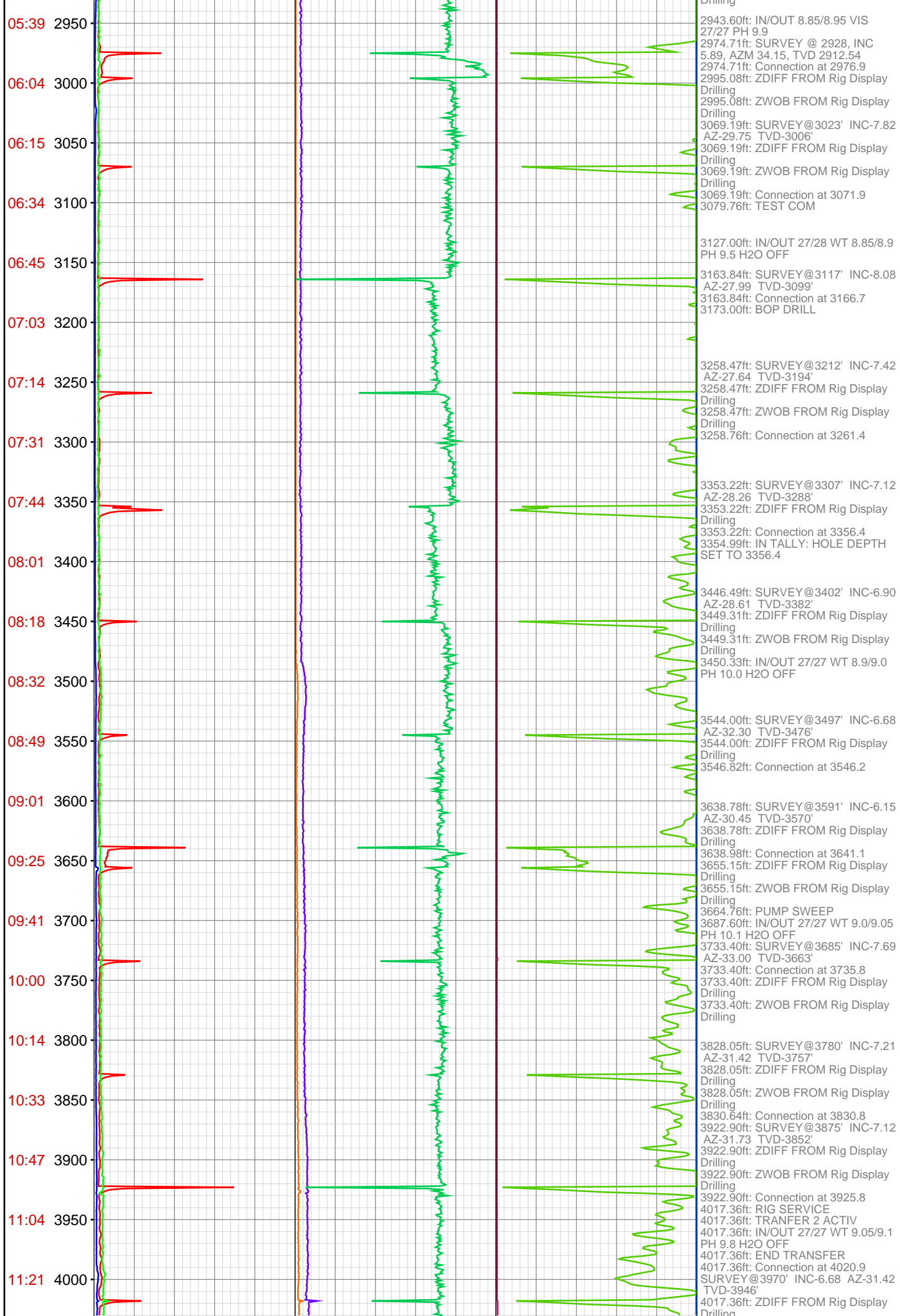
OPERATOR: Piceance Energy, LLC
WELL: GUNDERSON 29-08E
FIELD:
LOCATION: SENE SEC29 TWP9S RNG93W MER6 2394
COUNTRY: USA
RIG: Pat-UTI 306

CONTRACTOR: Patterson-UTI Drilling Company
UNIQUE WELL ID: 05 077 09760 00
SPUD DATE: Apr 21, 2015 21:00
RELEASE DATE: Apr 26, 2015 00:00









Drilling
2943.60ft: IN/OUT 8.85/8.95 VIS
27/27 PH 9.9
2974.71ft: SURVEY @ 2928, INC
5.89, AZM 34.15, TVD 2912.54
2974.71ft: Connection at 2976.9
2995.08ft: ZDIFF FROM Rig Display
Drilling
2995.08ft: ZWOB FROM Rig Display
Drilling
3069.19ft: SURVEY@3023' INC-7.82
AZ-29.75 TVD-3006'
3069.19ft: ZDIFF FROM Rig Display
Drilling
3069.19ft: ZWOB FROM Rig Display
Drilling
3069.19ft: Connection at 3071.9
3079.76ft: TEST COM

3127.00ft: IN/OUT 27/28 WT 8.85/8.9
PH 9.5 H2O OFF

3163.84ft: SURVEY@3117' INC-8.08
AZ-27.99 TVD-3099'
3163.84ft: Connection at 3166.7
3173.00ft: BOP DRILL

3258.47ft: SURVEY@3212' INC-7.42
AZ-27.64 TVD-3194'
3258.47ft: ZDIFF FROM Rig Display
Drilling
3258.47ft: ZWOB FROM Rig Display
Drilling
3258.76ft: Connection at 3261.4

3353.22ft: SURVEY@3307' INC-7.12
AZ-28.26 TVD-3288'
3353.22ft: ZDIFF FROM Rig Display
Drilling
3353.22ft: Connection at 3356.4
3354.99ft: IN TALLY: HOLE DEPTH
SET TO 3356.4

3446.49ft: SURVEY@3402' INC-6.90
AZ-28.61 TVD-3382'
3449.31ft: ZDIFF FROM Rig Display
Drilling
3449.31ft: ZWOB FROM Rig Display
Drilling
3450.33ft: IN/OUT 27/27 WT 8.9/9.0
PH 10.0 H2O OFF

3544.00ft: SURVEY@3497' INC-6.68
AZ-32.30 TVD-3476'
3544.00ft: ZDIFF FROM Rig Display
Drilling
3546.82ft: Connection at 3546.2

3638.78ft: SURVEY@3591' INC-6.15
AZ-30.45 TVD-3570'
3638.78ft: ZDIFF FROM Rig Display
Drilling
3638.98ft: Connection at 3641.1
3655.15ft: ZDIFF FROM Rig Display
Drilling
3655.15ft: ZWOB FROM Rig Display
Drilling
3664.76ft: PUMP SWEEP
3687.60ft: IN/OUT 27/27 WT 9.0/9.05
PH 10.1 H2O OFF

3733.40ft: SURVEY@3685' INC-7.69
AZ-33.00 TVD-3663'
3733.40ft: Connection at 3735.8
3733.40ft: ZDIFF FROM Rig Display
Drilling
3733.40ft: ZWOB FROM Rig Display
Drilling

3828.05ft: SURVEY@3780' INC-7.21
AZ-31.42 TVD-3757'
3828.05ft: ZDIFF FROM Rig Display
Drilling
3828.05ft: ZWOB FROM Rig Display
Drilling
3830.64ft: Connection at 3830.8
3922.90ft: SURVEY@3875' INC-7.12
AZ-31.73 TVD-3852'
3922.90ft: ZDIFF FROM Rig Display
Drilling
3922.90ft: ZWOB FROM Rig Display
Drilling
3922.90ft: Connection at 3925.8
4017.36ft: RIG SERVICE
4017.36ft: TRANSFER 2 ACTIV
4017.36ft: IN/OUT 27/27 WT 9.05/9.1
PH 9.8 H2O OFF
4017.36ft: END TRANSFER
4017.36ft: Connection at 4020.9
SURVEY@3970' INC-6.68 AZ-31.42
TVD-3946'
4017.36ft: ZDIFF FROM Rig Display
Drilling

