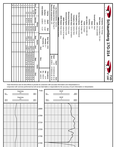

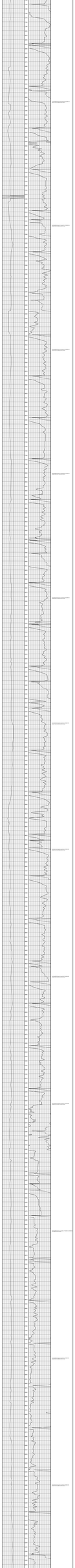

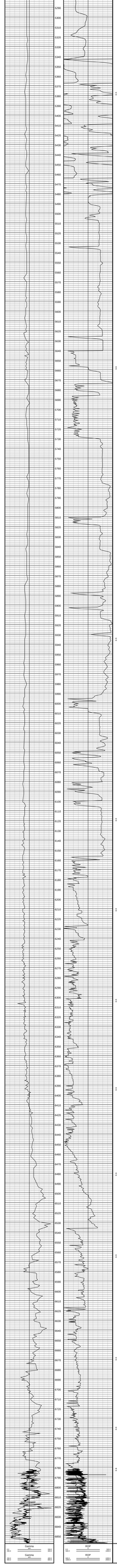

Schaumberg 17G-314

TVD
5":100'

Company: PDC Energy
Well Name: Schaumberg 17G-314
API: 05-123-43090
County/Parish: Weld
State: CO
Country: USA
Job number: 2016-060-135
Field: DJ Basin
Rig Id: Ensign 135
Survey Company: Total Directional
Company man Shane Paris
Company man Jeremy Stolz
Directional Days Tanner Schwartz
Directional Rotator Chris Lewis
Directional Nights Jeremy Cook
MWD Days Joshua St Germain
MWD Rotator Brian Carson
MWD Night Shanne Kimball

Log measurements: Gamma
Depth measured from: Rig Floor ft
Maximum temperature: 225

	Depth	Date
Start:	0 ft	07/24/2016 @ 22:40
End:	12268 ft	07/30/2016 @ 18:30

Casing	Depth	Size
Surface:	1491 ft	9 5/8"
Intermediate:	12268 ft	5 1/2"

Mud Type: WBM
Density: 9.7
Viscosity: 36
Rm: **Rmf:** **Rmc:**

Elevations
KB: 13 ft
GL: 4633 ft
DF: 4620 ft

Run	Bit Size	Offsets		Depths		Dates	
		Gamma	Survey	Start	End	Start	End
1	12.25"		50.00 ft	0 ft	1524 ft	07/24/2016 @ 22:40	07/25/2016 @ 08:40
2	8.5"	55.48 ft	58.78 ft	1524 ft	6827 ft	07/26/2016 @ 9:00	07/27/2016 @ 21:30
3	8.5"	48.89 ft	52.44 ft	6827 ft	7135 ft	07/28/2016 @ 5:15	07/28/2016 @ 10:00
4	8.5"	50.11 ft	53.66 ft	7135 ft	12268 ft	7/28/2016 @ 19:30	07/30/2016 @ 18:30
5							
6							
7							
8							
9							
10							

Total Directional uses its best efforts to provide its customers with accurate information and interpretations in conjunction with services performed but will not be held liable or responsible for the accuracy of such information or interpretation.

#29 MD(5442.00) Inc(1.0) Azm(291.0) TVD(5378.29)
VS(459.25) N/-S(-488.17) E/-W(-421.06)

#30 MD(5722.00) Inc(0.3) Azm(319.8) TVD(5658.27)
VS(461.88) N/-S(-486.74) E/-W(-423.81)

#31 MD(5999.00) Inc(0.2) Azm(151.6) TVD(5935.27)
VS(462.11) N/-S(-486.61) E/-W(-424.05)

#32 MD(6183.00) Inc(0.1) Azm(107.6) TVD(6119.27)
VS(461.83) N/-S(-486.94) E/-W(-423.75)

#33 MD(6275.00) Inc(1.9) Azm(242.7) TVD(6211.25)
VS(463.16) N/-S(-487.66) E/-W(-425.03)

#34 MD(6368.00) Inc(7.0) Azm(272.9) TVD(6303.95)
VS(470.21) N/-S(-488.08) E/-W(-432.06)

#35 MD(6460.00) Inc(15.3) Azm(275.8) TVD(6394.13)
VS(487.73) N/-S(-486.57) E/-W(-449.77)

#36 MD(6552.00) Inc(22.3) Azm(274.4) TVD(6481.17)
VS(516.94) N/-S(-484.00) E/-W(-479.28)

#37 MD(6644.00) Inc(27.2) Azm(266.8) TVD(6564.72)
VS(555.23) N/-S(-483.84) E/-W(-517.71)

#38 MD(6766.00) Inc(34.3) Azm(264.5) TVD(6669.50)
VS(617.56) N/-S(-488.69) E/-W(-579.85)

#39 MD(6859.00) Inc(45.7) Azm(266.2) TVD(6740.63)
VS(677.24) N/-S(-493.43) E/-W(-639.34)

#96 MD(12213.00) Inc(91.2) Azm(268.3) TVD(6782.52)
VS(5981.88) N/-S(-483.84) E/-W(-5962.28)