



Precision Drilling Services, Inc.
27610 Commerce Oaks Drive
Oak Ridge North, TX 77385

DL 1893

2"-100' - MD

9/27/2013 3:38:49 AM

Oper. Company: Carrizo Oil & Gas, Inc.
Country: USA
State / Province: Colorado
County / Parish: Weld County
Started: 09/21/2013 12:45 PM

API/UWI: 05-123-37897-00
Field: Niobrara CONZ'83
Well: State 2-36-9-61
Rig: Xtreme 17
Ended: 09/27/2013 03:30 AM

Personnel

Day Hand: Russell Rogers
Night Hand: Luis Suarez
Comp. Emp: Gabriel Vela

Location

Latitude: 40.42'00.923N
Longitude: 104.08'49.155W
Elev. GL: 4932'
Elev. DF: 17'
Elev. KB: 4949'

Hole Data

Size	From	To
12 1/4	0	1484
8 3/4	1484	6528
6 1/8	6528	10556

Casing Data

Size	From	To
9 5/8	0	1484
7	1484	6528
4 1/2	6528	10556

Bit Sizes

Size	From	To
12 1/4	0	1484
8 3/4	1484	6528
6 1/8	6528	10556

Mud Data

Type	Weight	Density	Viscosity	Rm	Rmf	Rmc	From	To
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Tool Run Data

Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
G1713	41	0	9/21/2013 8:30:10 AM	5791	9/22/2013 10:00:10 AM	6528
G2616	41	0	9/23/2013 4:30:50 AM	6528	9/27/2013 3:30:50 AM	10556

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost damages or expenses incurred or sustained by anyone resulting from an interpretation made by any of our officers, agents, or employees.



















