



Precision Directional Services, Inc.

DL1855

2":100' - MD

8/23/2013 4:22:00 PM

Oper. Company: Carrizo Oil & Gas, Inc.

Country: USA

State / Province: CO

County / Parish: Weld

Started: 08/19/2013 06:30 AM

API/UWI: 05-123-37813-00

Field: Niobrara CONZ'83

Well: Bailey 7-26-8-60

Rig: Xtreme 17

Ended: 08/23/2013 04:00 PM

Personnel

Day Hand: Luis Suarez

Night Hand: Andrew Thomson

Comp. Emp: Gabriel Vela

Location

Latitude: 40 37'37.216N

Longitude: 104 03'49.390W

Elev. GL: 4874'

Elev. DF: 17'

Elev. KB: 4891'

Hole Data

Size	From	To
12 1/4	0	1452
8 3/4	1452	6304
6 1/8	6304	10573

Casing Data

Size	From	To
9 5/8	0	1452
7	1452	6304
4 1/2	6304	10573

Bit Sizes

Size	From	To
12 1/4	0	1452
8 3/4	1452	6304
6 1/8	6304	10573

Mud Data

Type	Weight	Density	Viscosity	Rm	Rmf	Rmc	From	To
Water Based Mud	8.8 - 9.8						0	10573

Tool Run Data

Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
G2616	44	0	8/19/2013 1:00:48 AM	5593	8/19/2013 8:30:48 PM	6062
G2616	44	0	8/19/2013 9:00:44 PM	6062	8/20/2013 1:00:44 PM	6320
G1713	41	0	8/21/2013 9:00:40 AM	6320	8/23/2013 4:00:40 PM	10573

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.





















