



DDC

RM-140716

1":100' - MD

8/3/2014 7:53:14 PM

Oper. Company: Noble Energy Inc
Country: USA
State / Province: Colorado
County / Parish: Weld
Started: 07/30/2014 02:00 PM

API/UWI: 05-123-38853
Field: Wattenberg
Well: Rainbow LC28-79-1HNA
Rig: H&P 326
Ended: 08/03/2014 07:30 PM

Personnel

Day Hand: Bob Kubistek
Night Hand: Chris Abbott
Comp. Emp: Bob Kubistek

Location

Latitude: 40° 42' 53.964 N
Longitude: 103° 59' 15.504 W
Elev. GL: 4862
Elev. DF: 30
Elev. KB: 4892

Hole Data

Size	From	To
13 3/4	0	639
8 3/4	639	6511
6 1/8"	6511	10108

Casing Data

Size	From	To
9 5/8	0	639
7"	0	6511
4 1/2"	0	0

Bit Sizes

Size	From	To
13 3/4	0	639
8 3/4	639	6511
6 1/8"	6511	10108

Mud Data

Type	Weight	Density	Viscosity	Rm	Rmf	Rmc	From	To
LSND	10		38				639	10108

Tool Run Data

Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
424	36	0	7/30/2014 2:00:13 PM	639	7/31/2014 3:00:13 PM	0
424	36	0	7/31/2014 3:30:10 PM	5360	8/1/2014 1:30:10 PM	6511
424	40	0	8/2/2014 10:30:52 AM	6511	8/3/2014 7:30:52 PM	10108

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.



















