



DDC
DDC
3222 N. 6th Mile Road
Casper WY 82604

RM-140773

1":100' - MD
8/10/2014 9:37:45 PM

Oper. Company: Noble Energy Inc.
Country: USA
State / Province: CO
County / Parish: Weld
Started: 08/06/2014 02:00 PM

API/UWI: 05-123-38855
Field: Wattenberg
Well: Cutthroat LC28-79HNB
Rig: H&P 326
Ended: 08/10/2014 09:30 PM

Personnel

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

Location

Latitude: 40° 42' 53.964 N
Longitude: 103° 59' 16.476 W
Elev. GL: 4862
Elev. DF: 30
Elev. KB: 4892

Hole Data

Size	From	To
13 3/4	0	644
8 3/4"	644	6606
6 1/8"	6606	10325

Casing Data

Size	From	To
9 5/8"	0	644
7"	0	6606
4 1/2"	0	10325

Bit Sizes

Size	From	To
13 3/4"	0	644
8 3/4"	644	6606
6 1/8"	6606	10325

Mud Data

Type	Weight	Density	Viscosity	Rm	Rmf	Rmc	From	To
LSND	10.7		43				0	0

Tool Run Data

Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
424	37	0	8/6/2014 2:00:43 PM	644	8/7/2014 3:00:43 PM	5459
424	37	0	8/7/2014 3:00:10 PM	5459	8/8/2014 10:00:10 AM	6606
424	40	0	8/9/2014 8:00:16 AM	6606	8/10/2014 9:30:16 PM	10325

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.

0.00 Gamma(mG) 150.00 MD 0.00 ROP(FT/HR) 1,500.00
150.00 2 300.00 FT 1,500.00 2 3,000.00



















