



DDC

RYAN JENSEN
3222 NORTH 6TH MILE ROAD
CASPER, WY 82604**RM-140691**

1":100' - TVD

7/24/2014 4:58:21 AM

Oper. Company: NOBLE ENERG INC**Country:** USA**State / Province:** COLORADO**County / Parish:** WELD**Started:** 07/20/2014 03:30 PM**API/UWI:** 05-123-3860300**Field:** WATTENBERG**Well:** CUTTHROAT LC28-72HNB**Rig:** H&P 326**Ended:** 07/24/2014 04:00 AM**Personnel****Day Hand:** BOB KUBISTEK**Night Hand:** MATT SNYDER**Comp. Emp:** BOB KUBISTEK**Location****Latitude:** 40° 42' 54.108 N**Longitude:** 103° 58' 36.120 W**Elev. GL:** 4836**Elev. DF:** 30**Elev. KB:** 4856**Hole Data**

Size	From	To
13 3/4	0	633
8 3/4	633	6462
6 1/8	6462	10406

Casing Data

Size	From	To
9 5/8	0	633
7	0	6462
4 1/2	6462	10406

Bit Sizes

Size	From	To
13 3/4	0	633
8 3/4	633	6462
6 1/8	6462	10406

Mud Data

Type	Weight	Density	Viscosity	Rm	Rmf	Rmc	From	To
LSND	10.2		36				633	10406

Tool Run Data

Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
422	36	0	7/21/2014 3:30:42 PM	633	7/23/2014 6:50:42 AM	5350
422	36	0	7/21/2014 3:00:36 PM	5350	7/23/2014 9:00:36 PM	6462
422	41	0	7/22/2014 6:03:07 PM	6462	7/24/2014 4:00:07 AM	10406

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 (API) 150.00 TVD 0.00 ROP(FT/HR) 1,500.00
150.00 2 300.00 FT 1,500.00 2 3,000.00











