



DDC

322 N. 6th mile Road
Casper, WY 82604**RM-140624**

5":100' - TVD

7/9/2014 3:34:14 PM

Oper. Company: NOBLE ENERGY**Country:** USA**State / Province:** COLORADO**County / Parish:** WELD**Started:** 07/04/2014 03:30 PM**API/UWI:** 05-123-38604**Field:** WATTENBERG**Well:** CUTTHROAT LC28-73HNB**Rig:** H&P 326**Ended:** 07/09/2014 02:30 PM**Personnel****Day Hand:** Bob Kubistek**Night Hand:** Chris Abbott**Comp. Emp:** DDC**Location****Latitude:** 40° 42' 54.108 N**Longitude:** 103° 58' 37.092 W**Elev. GL:** 4836**Elev. DF:** 30**Elev. KB:** 4866**Hole Data**

Size	From	To
13 3/4	0	634
8 3/4	634	6436
6 1/4	6436	10461

Casing Data

Size	From	To
9 5/8	0	634
7	0	6436
4 1/2	0	10461

Bit Sizes

Size	From	To
13 3/4	0	634
8 3/4	634	6436
6 1/4	6436	10461

Mud Data

Type	Weight	Density	Viscosity	Rm	Rmf	Rmc	From	To
LSND	10.2		42				0	10461

Tool Run Data

Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
425	36	0	7/4/2014 1:30:40 PM	634	7/5/2014 10:30:40 AM	5296
425	36	0	7/5/2014 11:30:44 AM	5296	7/6/2014 4:30:44 AM	6147
425	36	0	7/6/2014 6:30:42 AM	6147	7/6/2014 6:00:42 PM	6436
425	36	0	7/7/2014 3:00:56 PM	6436	7/9/2014 2:30:56 PM	10461

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.



















































