



Cathedral Energy Services
1949 North Pyrite Road
Casper, Wyoming 82604

145058

5":100' - TVD

4/2/2014 9:07:21 AM

CATHEDRAL

Oper. Company: EnCana Oil & Gas (USA) Inc.

Country: U.S.A.

State / Province: Colorado

County / Parish: Weld

Started: 03/14/2014 12:00 AM

API/UWI: 05-123-37782

Field: Wattenburg (Niobrara)

Well: Vogl-McCoy 2G-5H-F267

Rig: Helmerich & Payne, Inc. 278

Ended: 03/28/2014 12:00 AM

Gamma Ray
Section Plane: 180.00
Magnetic North: 8.56
Gamma Attenuation Factor: 2.07
Gamma Averaging: 7%

Personnel

Day Hand: A. Bertangnole

Night Hand: W. Odell

Comp. Emp: Charley Parker

Maximum Temperature: 239°F

Location

Latitude: 40.166330

Longitude: -104.921110

Elev. GL: 4859

Elev. DF:

Elev. KB: 4889

Log and Survey Depths Relative to Kelly Bushing (KB) Depth

Hole Data

Size	From	To
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Casing Data

Size	From	To
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Bit Sizes

Size	From	To
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Mud Data

Type	Weight	Density	Viscosity	Rm	Rmf	Rmc	From	To
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Tool Run Data

Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
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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 Ray (API) 150.00 TVD 0.00 ROP (FT/HR) 400.00
150.00 2 300.00 FT





















