



Cathedral Energy Services
1949 PYRITE RD.
CASPER, WY
82604

135332

2":100' - MD

8/16/2013 2:30:10 AM

Oper. Company: Encana Oil & Gas
Country: US
State / Province: CO
County / Parish: Weld
Started: 08/08/2013 03:00 AM

API/UWI: 051233744300
Field: Wattenburg
Well: Marcus State 3A-36H
Rig: Ensign 135
Ended: 08/11/2013 05:15 PM

Personnel

Day Hand: B. Stahlecker
Night Hand: C. Horkan
Comp. Emp: Cathedral

Location

Latitude: 40.088280
Longitude: -104.730140
Elev. GL: 5040.0
Elev. DF:
Elev. KB: 5053.0

Hole Data

Size	From	To
12.25	0	1227
8.75	1227	7920

Casing Data

Size	From	To
9.875	0	1227
7	0	7920

Bit Sizes

Size	From	To
12.25	0	1227
8.75	1227	7920

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
1070	41.26	0	8/12/2013 5:15:54 PM	5000	8/12/2013 5:15:54 PM	7920

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.













