



Encana Oil & Gas
1949 Pyrite Rd Casper Wy 82604

Job # 135402

5"-100' - TVD
9/15/2013 1:57:59 PM

Oper. Company: Ensign
Country: Weld
State / Province: Co
County / Parish:
Started: 09/08/2013 08:00 AM

API/UWI: 051233743900
Field: DJ Basin
Well: Marcus State 3D-36H
Rig: 135
Ended: 09/15/2013 03:30 AM

Personnel

Day Hand: Ken Wagoner
Night Hand: Brett Giannino
Comp. Emp: Cathedral Energy Service

Location

Latitude: 40.088280
Longitude: -104.730030
Elev. GL: 5039
Elev. DF: 5052
Elev. KB: 5052

Hole Data

Size	From	To
8.75	1228	7643

Casing Data

Size	From	To
7in	0	7630

Bit Sizes

Size	From	To
8.75	1228	7643

Mud Data

Type	Weight	Density	Viscosity	Rm	Rmf	Rmc	From	To
LSND	10.10	10.10	38.0				1228	7643

Tool Run Data

Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
1182	53	41	9/8/2013 3:00:47 PM	1228	9/10/2013 7:00:47 PM	7643

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.























