

**MS Energy Services**123 W Oregon Ln
Glendive MT, 59330**Fairview #8**
Scale 2":100' - MD
1/2/2016 5:19 PM**Oper. Company:** Extraction Oil & Gas**Well:** Fairview #8**Field:** DJ Basin**Rig:** Savanna #802**Well ID:** 05-123-41525**Job Number:** DDMT-150701**State:** Colorado**County:** Weld**Country:** USA**Location:** Weld Co, CO**Start Date:** 12/31/2015 14:00:00**End Date:** 01/02/2016 17:15:00**Latitude:** 40° 9' 56.7576" N
Longitude: 105° 2' 7.3248" W**Elev KB:** 4,963'**Elev DF:** 4,963'**Elev GL:** 4,948'**Operator 1:** Brian McElyea**Operator 2:** Brent Boyd

Tool Run Data	Run #1	Run #2	Run #3	Run #4	Run #5
Tool S/N	106	106			
Bit Size	7 7/8	7 7/8			
Cal Factor	9.647	9.647			
Survey Offset:	61.00	61.00			
Gamma Offset	47.00	47.00			
Resistivity Offset	0.00	0.00			
Start Depth	1544.00	9518.00			
StartDate	12/30/2015	1/1/2016			
StartTime	16:00	16:00			
EndDepth	9518.00	14420.00			
EndDate	1/1/2016	1/2/2016			
EndTime	16:00	17:15			
Mud Type	Invert	Invert			
Mud Weight	8.3	8.7			
Funnel Viscosity	41	41			
Plastic Viscosity	8	10			
Yield Point	4	3			
Gel Strength	6 @ 10min	5 @ 10min			
Solids Content	5	8			
Chlorides	33,000mg/L	33,000mg/L			
Temperature	236.3	272.2			
Hole Data			Casing Data		
Size	From	To	Size	From	To
13 1/2	0.00	1544.00	9 5/8	0.00	1544.00
7 7/8	1544.00	14420.00			

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.































