

**MS Energy Services**123 W Oregon Ln
Glendive MT, 59330**Fairview #4****Scale 2":100' - MD****1/22/2016 11:20 AM****Oper. Company:** Extraction Oil & Gas**Well:** Fairview #4**Field:** DJ Basin**Rig:** Savanna #802**Well ID:** 05-123-41523**Job Number:** DDMT-160026**State:** Colorado**County:** Weld**Country:** USA**Location:** Weld Co. CO**Start Date:** 01/20/2016 17:30:00**End Date:** 01/22/2016 18:00:00**Latitude:** 40° 9' 56.7360" N
Longitude: 105° 2' 5.8812" 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	0120				
Bit Size	7 7/8				
Cal Factor	9.160				
Survey Offset:	64.00				
Gamma Offset	51.00				
Resistivity Offset	0.00				
Start Depth	1776.00				
StartDate	1/19/2016				
StartTime	16:00				
EndDepth	14840.00				
EndDate	1/22/2016				
EndTime	18:00				
Mud Type	Invert				
Mud Weight	9.4				
Funnel Viscosity	47				
Plastic Viscosity	15				
Yield Point	7				
Gel Strength	12 @ 10min				
Solids Content	4.8				
Chlorides	30,000 mg/L				
Hole Data			Casing Data		
Size	From	To	Size	From	To
13 1/2	0.00	1551.00	9 5/8	0.00	1551.00
7 7/8	1551.00	14840.00			

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.

0.00 GR(API) 175.00 MD 0.00 ROP(FT/HR) 400.00 Surveys (MD/INC/AZ/TVD/VS)
175.00 2 350.00 FT 400.00 2 800.00

































