



Company: Merit Energy
 Well: Linhart #5
 Location: Weld County
 State: Colorado
 Rig: Patterson 103
 Correction:
 North: Referenced to True North

Subject: Prop Rev 1
 File Name: P07178r1.dwg
 Date: 07/25/2008
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Job Number: P07-178
 Company: Merit Energy
 Lease/Well: Linhart #5
 Location: Weld County
 Rig Name: Patterson 103
 RKB:
 G.L. or M.S.L.: 4810'

State/Country: Colorado
 Declination:
 Grid: Referenced to True North
 File name: F:\WELLPL-1\2007\IP07170\S\IP07178\07178.SVY
 Date/Time: 25-Jul-08 / 09:34
 Curve Name: Prop Rev 1

WINSERVE PROPOSAL REPORT
Minimum Curvature Method
Vertical Section Plane 45.33
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

<i>Measured Depth FT</i>	<i>Incl Angle Deg</i>	<i>Drift Direction Deg</i>	<i>True Vertical Depth</i>	<i>N-S FT</i>	<i>E-W FT</i>	<i>Vertical Section FT</i>	<i>C L O S U R E</i>		<i>Dogleg Severity Deg/100</i>
							<i>Distance FT</i>	<i>Direction Deg</i>	
KOP, 2.00°/100' Build									
2348.71	.00	.00	2348.71	.00	.00	.00	.00	.00	.00
2448.71	2.00	45.33	2448.69	1.23	1.24	1.75	1.75	45.33	2.00
2548.71	4.00	45.33	2548.55	4.91	4.96	6.98	6.98	45.33	2.00
2648.71	6.00	45.33	2648.16	11.03	11.16	15.69	15.69	45.33	2.00
2748.71	8.00	45.33	2747.41	19.60	19.83	27.88	27.88	45.33	2.00
2848.71	10.00	45.33	2846.18	30.60	30.95	43.52	43.52	45.33	2.00
Begin 12.00° Tangent									
2948.71	12.00	45.33	2944.33	44.01	44.52	62.60	62.60	45.33	2.00
Begin 1.50°/100' Drop									
6001.93	12.00	45.33	5930.84	490.32	495.95	697.40	697.40	45.33	.00
6101.93	10.50	45.33	6028.91	504.03	509.82	716.91	716.91	45.33	1.50
6201.93	9.00	45.33	6127.46	515.94	521.86	733.85	733.85	45.33	1.50
6301.93	7.50	45.33	6226.43	526.03	532.07	748.20	748.20	45.33	1.50
6401.93	6.00	45.33	6325.73	534.29	540.42	759.95	759.95	45.33	1.50
6501.93	4.50	45.33	6425.31	540.72	546.93	769.10	769.10	45.33	1.50
6601.93	3.00	45.33	6525.09	545.32	551.58	775.64	775.64	45.33	1.50
6701.93	1.50	45.33	6625.01	548.08	554.37	779.56	779.56	45.33	1.50
Begin Vertical Hold									
6801.93	.00	.00	6725.00	549.00	555.30	780.87	780.87	45.33	1.50
Top of Niobrara									
7001.93	.00	.00	6925.00	549.00	555.30	780.87	780.87	45.33	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
PBHL									
7465.93	.00	.00	7389.00	549.00	555.30	780.87	780.87	45.33	.00