



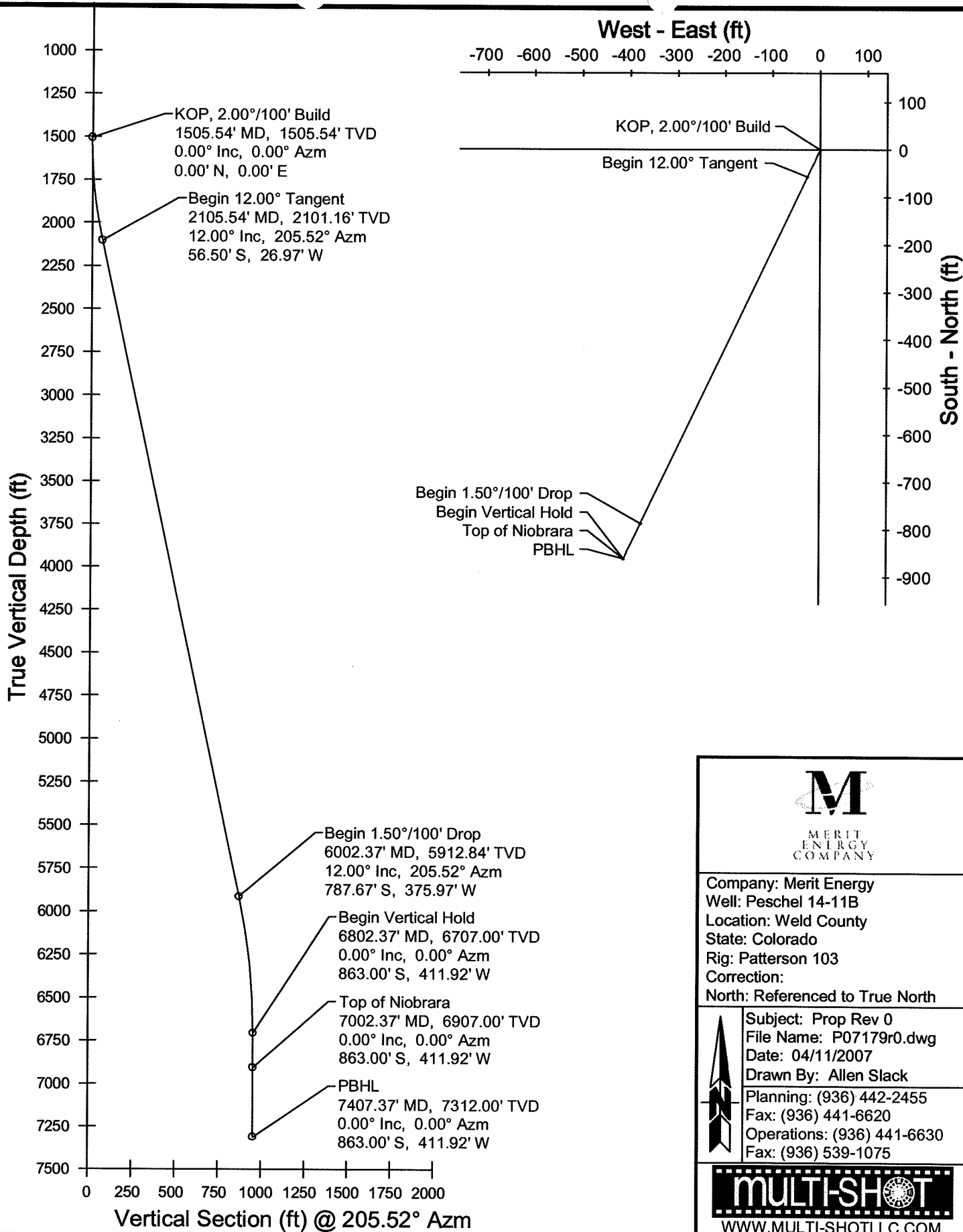
Job Number: P07-179
 Company: Merit Energy
 Lease/Well: Peschel 14-11B
 Location: Weld County
 Rig Name: Patterson 103
 RKB:
 G.L. or M.S.L.: 4778'

State/Country: Colorado
 Declination:
 Grid: Referenced to True North
 File name: F:\WELLPL~1\2007\IP07170\SIP07179\07179.SVY
 Date/Time: 11-Apr-07 / 15:32
 Curve Name: Prop Rev 0

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 205.52
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
KOP, 2.00°/100' Build									
1505.54	.00	.00	1505.54	.00	.00	.00	.00	.00	.00
1605.54	2.00	205.52	1605.52	-1.57	-.75	1.75	1.75	205.52	2.00
1705.54	4.00	205.52	1705.38	-6.30	-3.01	6.98	6.98	205.52	2.00
1805.54	6.00	205.52	1804.99	-14.16	-6.76	15.69	15.69	205.52	2.00
1905.54	8.00	205.52	1904.24	-25.16	-12.01	27.88	27.88	205.52	2.00
2005.54	10.00	205.52	2003.01	-39.28	-18.75	43.52	43.52	205.52	2.00
Begin 12.00° Tangent									
2105.54	12.00	205.52	2101.16	-56.50	-26.97	62.60	62.60	205.52	2.00
Begin 1.50°/100' Drop									
6002.37	12.00	205.52	5912.84	-787.67	-375.97	872.80	872.80	205.52	.00
6102.37	10.50	205.52	6010.91	-805.28	-384.37	892.31	892.31	205.52	1.50
6202.37	9.00	205.52	6109.46	-820.56	-391.67	909.24	909.24	205.52	1.50
6302.37	7.50	205.52	6208.43	-833.51	-397.85	923.59	923.59	205.52	1.50
6402.37	6.00	205.52	6307.73	-844.12	-402.91	935.34	935.34	205.52	1.50
6502.37	4.50	205.52	6407.31	-852.37	-406.85	944.49	944.49	205.52	1.50
6602.37	3.00	205.52	6507.09	-858.28	-409.67	951.03	951.03	205.52	1.50
6702.37	1.50	205.52	6607.01	-861.82	-411.36	954.96	954.96	205.52	1.50
Begin Vertical Hold									
6802.37	.00	.00	6707.00	-863.00	-411.92	956.27	956.27	205.52	1.50
Top of Niobrara									
7002.37	.00	.00	6907.00	-863.00	-411.92	956.27	956.27	205.52	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
PBHL									
7407.37	.00	.00	7312.00	-863.00	-411.92	956.27	956.27	205.52	.00



Company: Merit Energy
 Well: Peschel 14-11B
 Location: Weld County
 State: Colorado
 Rig: Patterson 103
 Correction:
 North: Referenced to True North

Subject: Prop Rev 0
 File Name: P07179r0.dwg
 Date: 04/11/2007
 Drawn By: Allen Slack
 Planning: (936) 442-2455
 Fax: (936) 441-6620
 Operations: (936) 441-6630
 Fax: (936) 539-1075



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