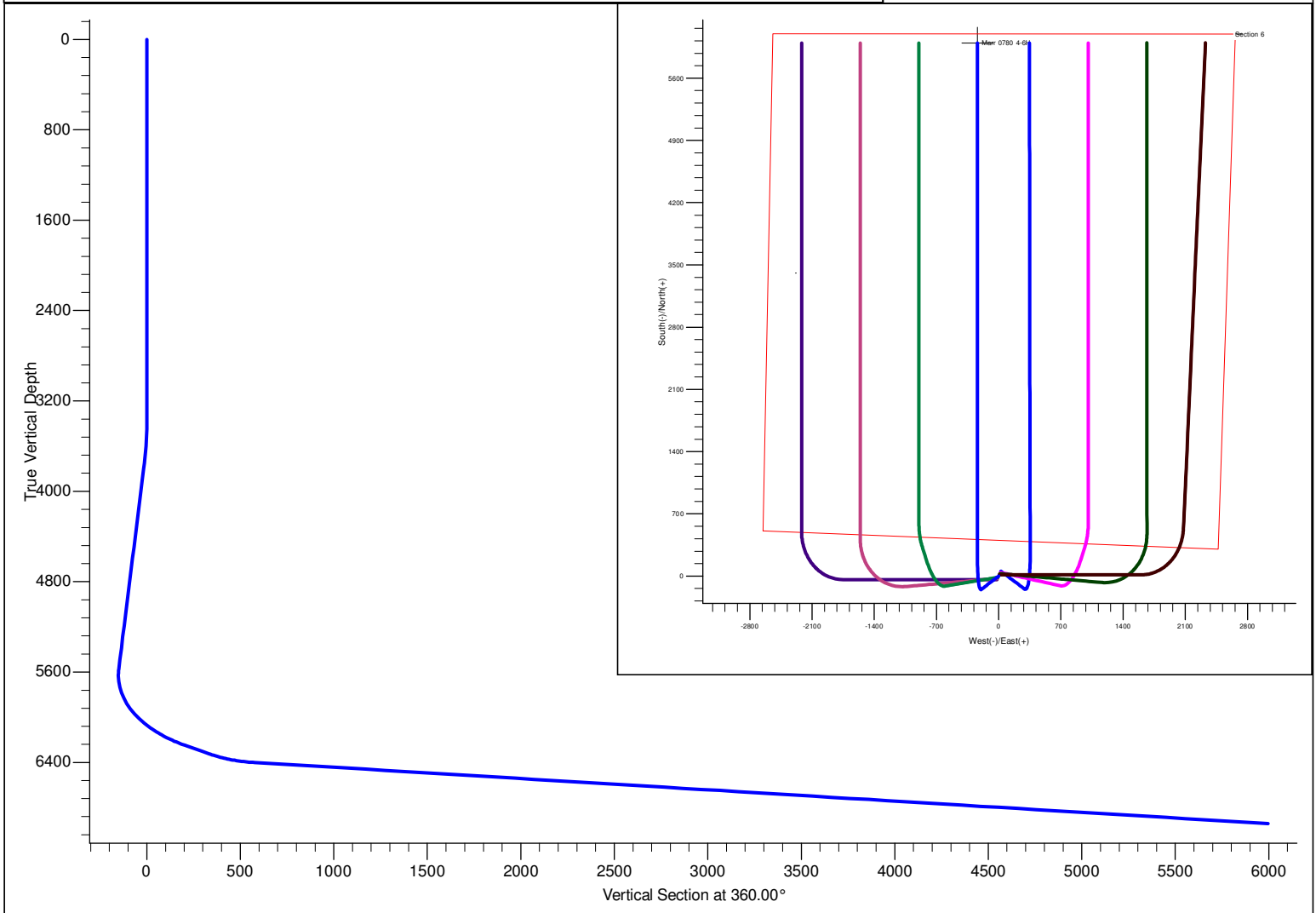


PROJECT DETAILS: North Park Basin				<div><div><div>G</div><div>T</div><div>M</div></div><div></div></div> <div>Azimuths to Grid North True North: 0.59° Magnetic North: 10.49° Magnetic Field Strength: 53195.2snT Dip Angle: 66.98° Date: 12/31/2009 Model: IGRF200510</div>	
Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Colorado Northern Zone System Datum: Mean Sea Level					
FORMATION TOP DETAILS					
<div>TVDPathMDPath 6059.0 6106.4</div> <div>Formation Niobrara</div> <div>DipAngleDipDir 0.00</div>				CASING DETAILS	
				<div>TVD MD Name Size 6399.1 6789.6 LP 5-1/2</div>	
DESIGN DETAILS: Design #1				<div>Project: North Park Basin Site: T7N-R80W-S7 Well: Marr 0780 4-6H Wellbore: Wellbore #1 Design: Design #1</div>	
0' Vertical Section coordinates					
Type User	Target 360.00	Azimuth Origin Slot	TypeN/S 0.0	E/W From 0.0	TVD 0.0



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3400.0	0.00	0.00	3400.0	0.0	0.0	0.00	0.00	0.0	
3	3750.4	7.01	232.43	3749.5	-13.0	-17.0	2.00	232.43	-13.0	
4	5591.4	7.01	232.43	5576.8	-150.0	-195.0	0.00	0.00	-150.0	
5	6396.6	60.00	360.00	6250.2	207.1	-238.6	8.00	130.44	207.1	
6	6546.6	60.00	360.00	6325.2	337.0	-238.6	0.00	0.00	337.0	
7	6789.6	84.30	0.00	6399.1	566.6	-238.6	10.00	0.00	566.6	Marr 4-6H
8	12246.1	84.30	0.00	6941.0	5996.1	-238.5	0.00	0.00	5996.1	Marr 4-6H