

PROJECT DETAILS: North Park Basin


Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Colorado Northern Zone

System Datum: Mean Sea Level

G

T

M



Azimuths to Grid North  
True North: 0.57°  
Magnetic North: 10.46°

Magnetic Field  
Strength: 53191.9snT  
Dip Angle: 66.98°  
Date: 12/31/2009  
Model: IGRF200510

FORMATION TOP DETAILS

TVDPATH 7175.0

MDPATH 7423.3

FORMATION Niobrara

DIPANGLE 0.00

DIPDIR

CASING DETAILS

No casing data is available

DESIGN DETAILS: Design #1

0' Vertical Section coordinates

Type User

Target

Azimuth 180.00

Origin Type Slot

N/S 0.0

E/W 0.0

From TVD 0.0

Project: North Park Basin

Site: T7N-R80W-S9

Well: Castle 0780 6-17H20

Wellbore: Wellbore #1

Design: Design #1

True Vertical Depth

0

750

1500

2250

3000

3750

4500

5250

6000

6750

7500

0

850

1700

2550

3400

4250

5100

5950

6800

7650

8500

9350

10200

Niobrara

Vertical Section at 180.00°

South(-)/North(+)

4000

2000

0

-2000

-4000

-6000

-8000

-10000

West(-)/East(+)

-6000

-4000

-2000

0

2000

4000

6000

Castle 6

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	2650.0	0.00	0.00	2650.0	0.0	0.0	0.00	0.00	0.0		
3	3539.8	17.80	272.39	3525.6	5.7	-137.0	2.00	272.39	-5.7		
4	7021.0	17.80	272.39	6840.2	50.0	-1200.0	0.00	0.00	-50.0		
5	7575.9	60.00	246.70	7264.5	-46.4	-1521.6	8.00	-32.45	46.4		
6	7725.9	60.00	246.70	7339.5	-97.8	-1640.9	0.00	0.00	97.8		
7	8425.6	90.00	180.00	7540.0	-636.1	-1959.9	10.00	-77.85	636.1	Castle 6	
8	18371.9	90.00	180.00	7540.0	-10582.4	-1959.7	0.00	0.00	10582.4	Castle 6	