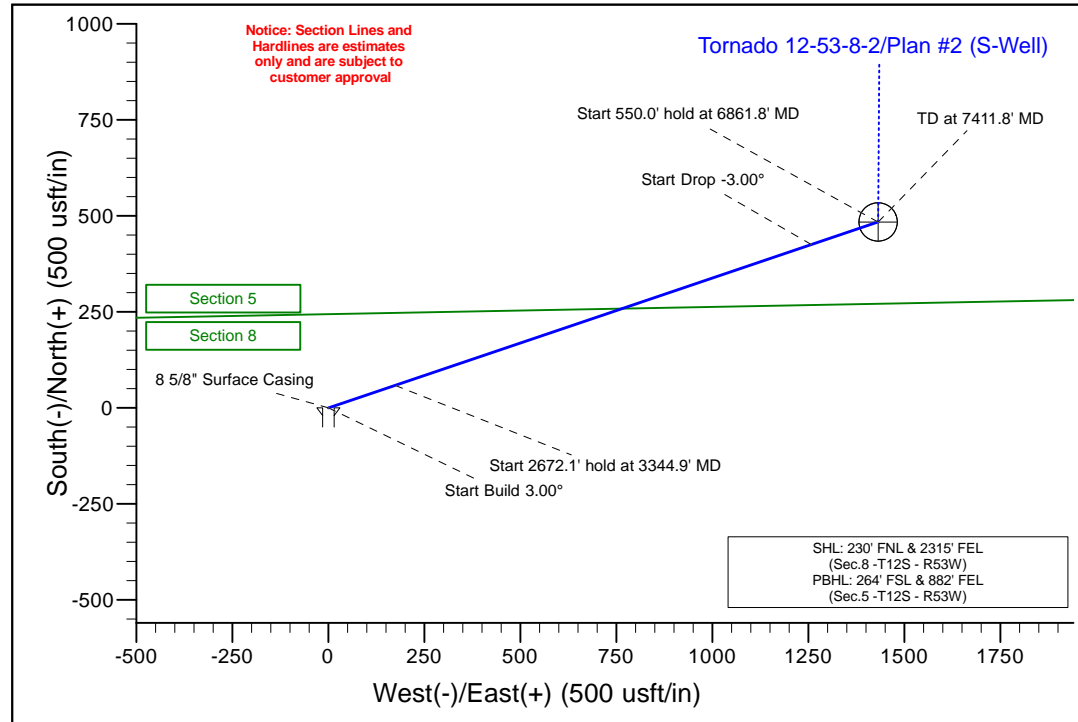
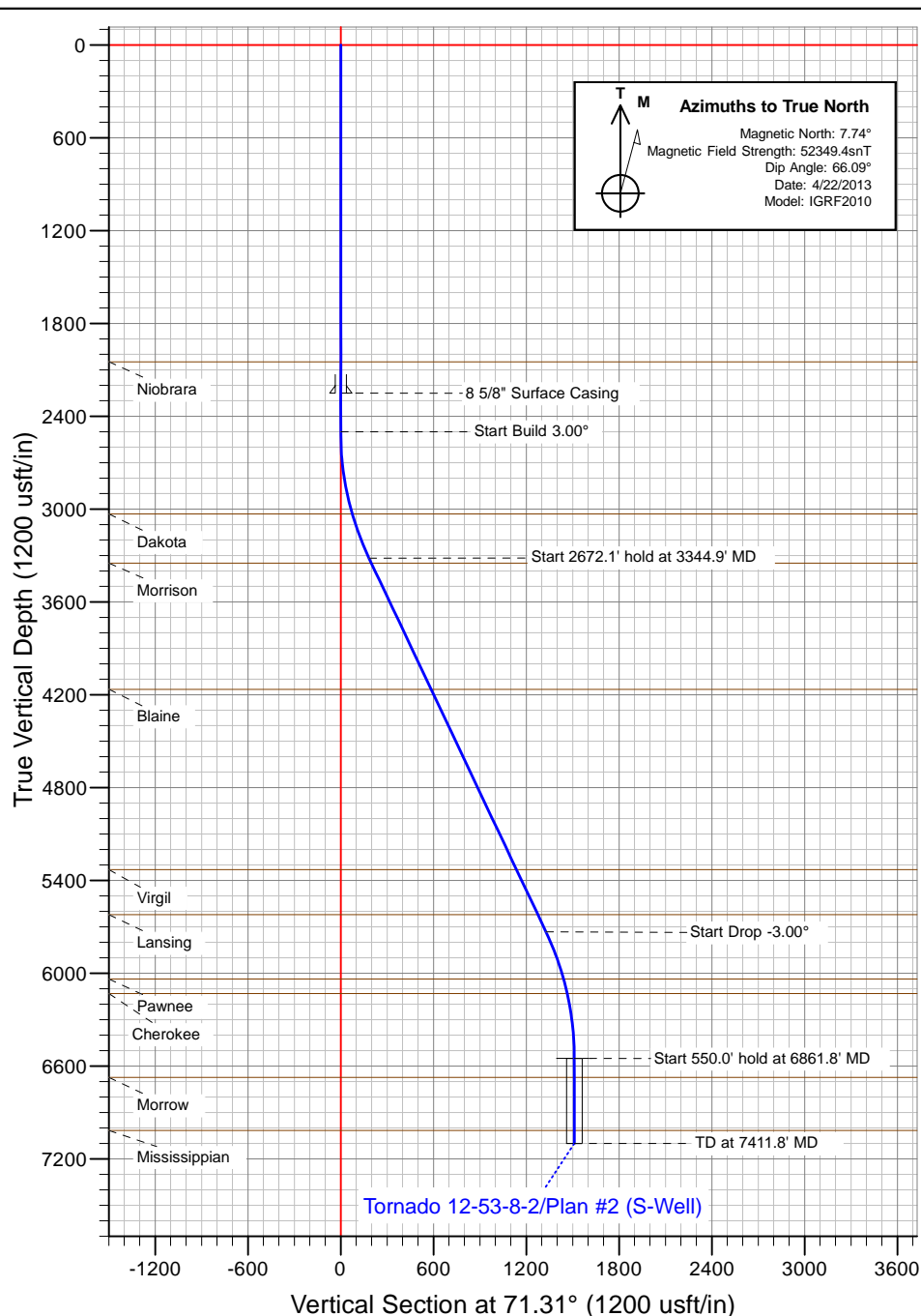




Company : Comet Ridge
 Field : Lincoln Co., CO
 Location : Sec.8 - T12S - R53W
 Well : Tornado 12-53-8-2
 Ref. Elev. : WELL @ 4886.0usft (Original Well Elev)



Plan: Plan #2 (S-Well) (Tornado 12-53-8-2/Wellbore #1)



SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target	
1	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.0		
2	2500.0	0.00	0.00	2500.0	0.0	0.0	0.0	0.0	0.0		
3	3344.9	25.35	71.31	3317.6	58.9	174.1	3.00	71.31	183.8		
4	6016.9	25.35	71.31	5732.4	425.5	1257.7	0.00	0.00	1327.7		
5	6861.8	0.00	0.00	6550.0	484.4	1431.8	3.00	180.00	1511.6	PBHL Tornado 12-53-8-2 (2)	
6	7411.8	0.00	0.00	7100.0	484.4	1431.8	0.00	0.00	1511.6		

WELL DETAILS: Tornado 12-53-8-2											
				Ground Level:		4869.0					
				+N/-S	+E/-W	Northing	Easting	Latitude	Longitude		
				0.0	0.0	1440511.17	3608650.78	39° 1' 23.412 N	103° 21' 26.604 W		

WELLBORE TARGET DETAILS											
Name	TVD	+N/-S	+E/-W	Latitude	Longitude						
PBHL Tornado 12-53-8-2	6673.0	484.4	1431.8	39° 1' 28.200 N	103° 21' 8.460 W						

FORMATION TOP DETAILS						ANNOTATIONS					
TVDPath	MDPath	Formation	TVD	MD	Annotation	TVD	MD	Annotation			
2049.0	2049.0	Niobrara	2500.0	2500.0	Start Build 3.00°						
3031.0	3038.1	Dakota	3317.6	3344.9	Start 2672.1' hold at 3344.9' MD						
3349.0	3379.6	Morrison	5732.4	6016.9	Start Drop -3.00°						
4166.0	4283.7	Blaine	6550.0	6861.8	Start 550.0' hold at 6861.8' MD						
5331.0	5572.7	Virgil	7100.0	7411.8	TD at 7411.8' MD						
5621.0	5893.6	Lansing									
6037.0	6342.4	Pawnee									
6131.0	6439.4	Cherokee									
6673.0	6984.8	Morrow									
7016.0	7327.8	Mississippian									

CASING DETAILS				Plan: Plan #2 (S-Well) (Tornado 12-53-8-2/Wellbore #1)			
TVD	MD	Name	Size	Created By:	Date: 12:48, April 22 2013		
2250.0	2250.0	8 5/8" Surface Casing	8-5/8	R. Nelson			