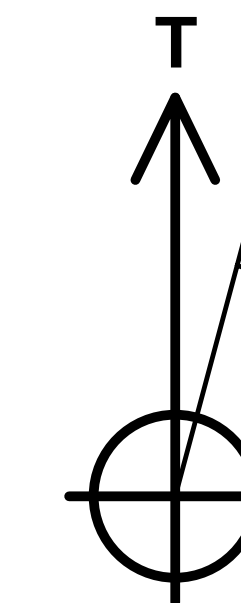




Project: Weld County, CO (NAD83)  
Site: Sec.19-T7N-R65W  
Well: WAAG 2  
Wellbore: Wellbore #1 / #1422516  
Design: Plan #2 01-05-15  
Rig: Xtreme #7



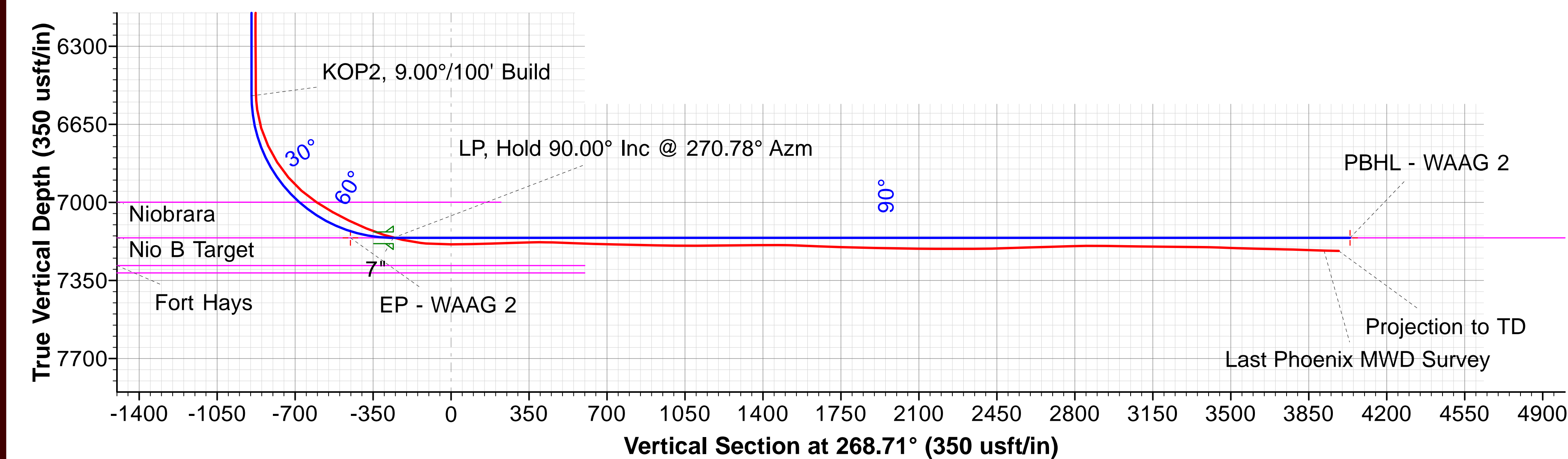
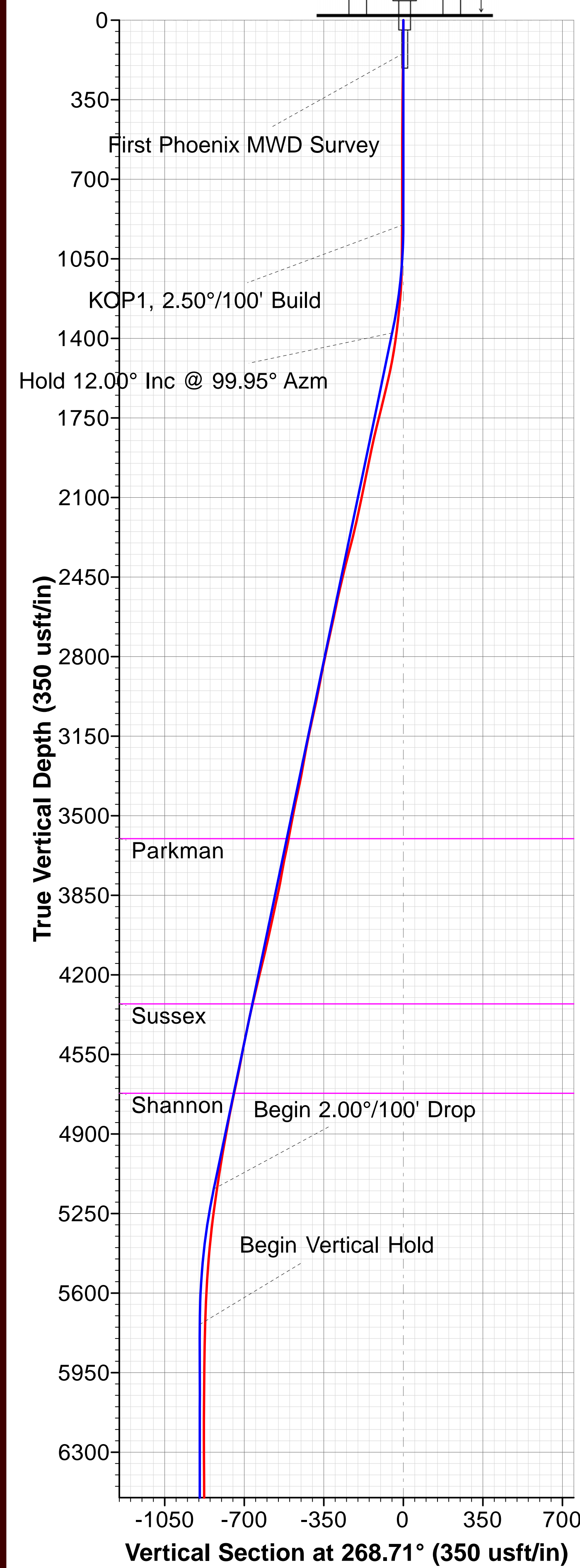
ENIX  
LOGY SERVICES



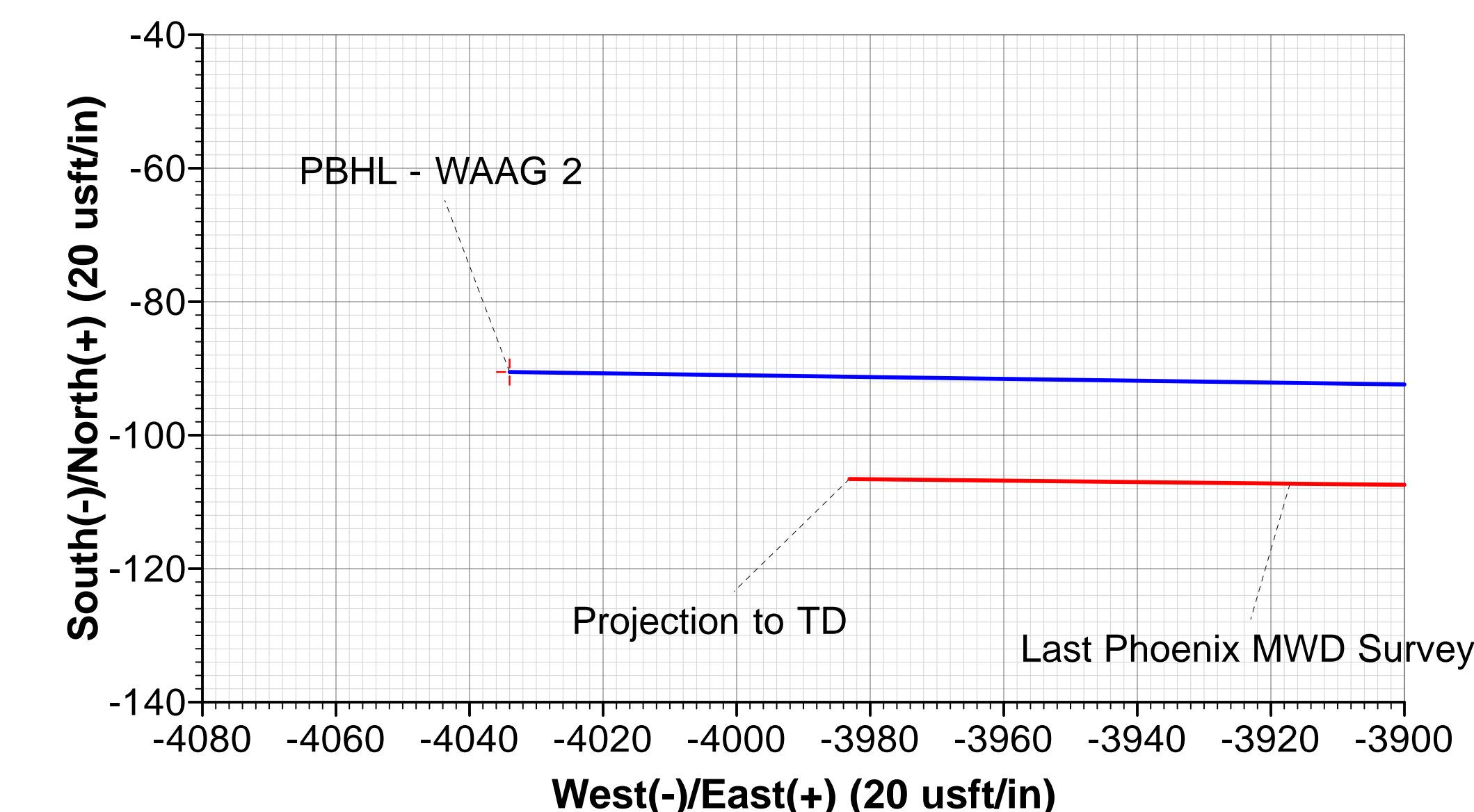
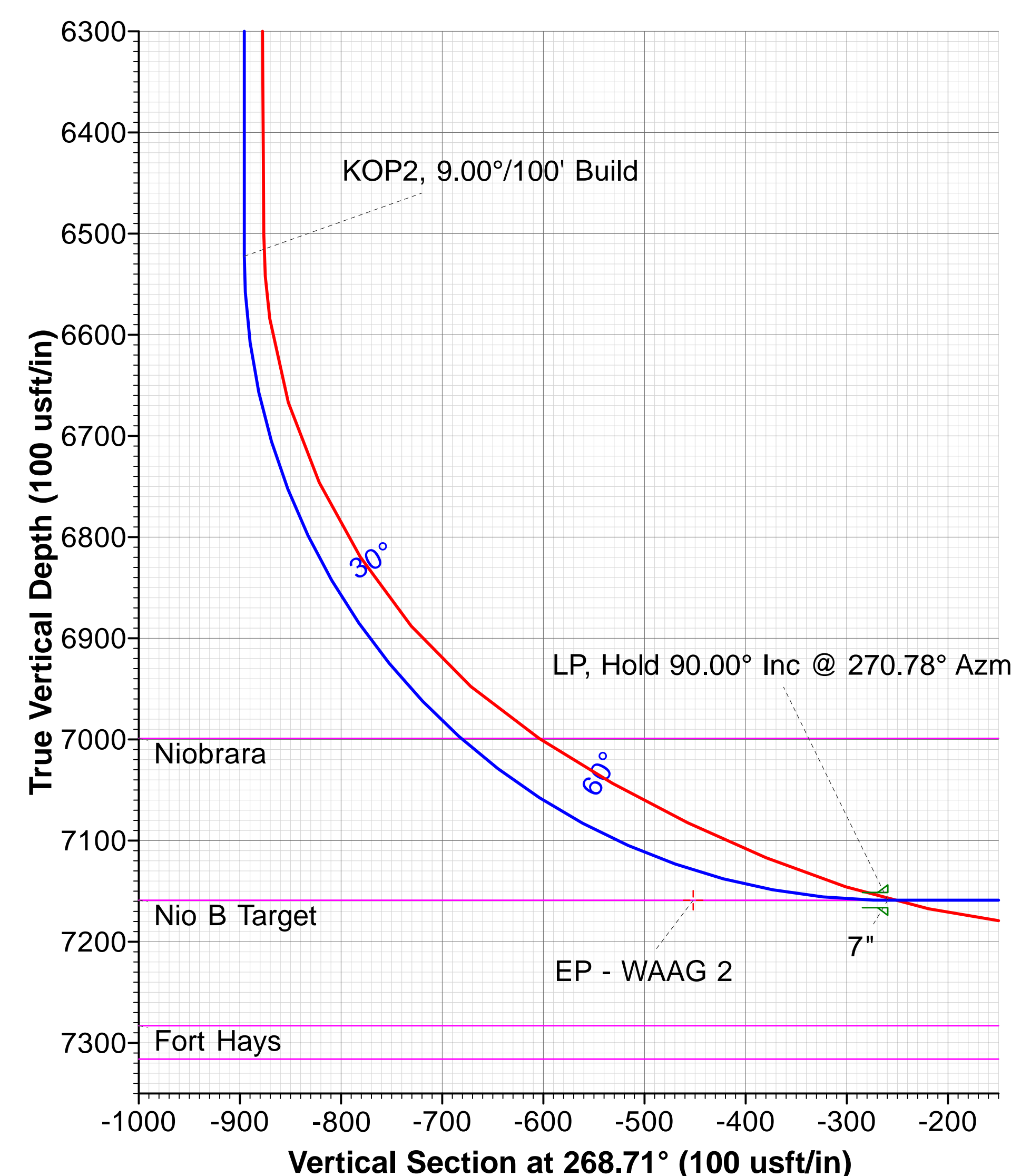
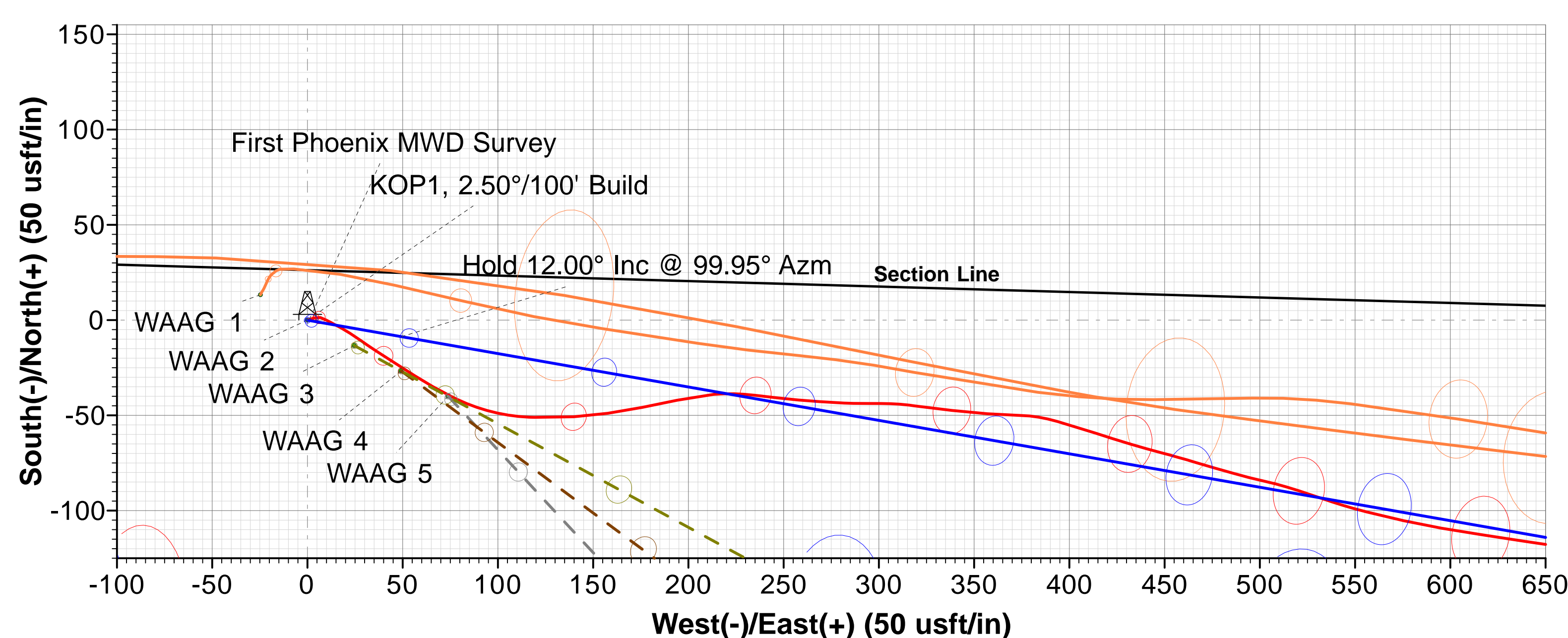
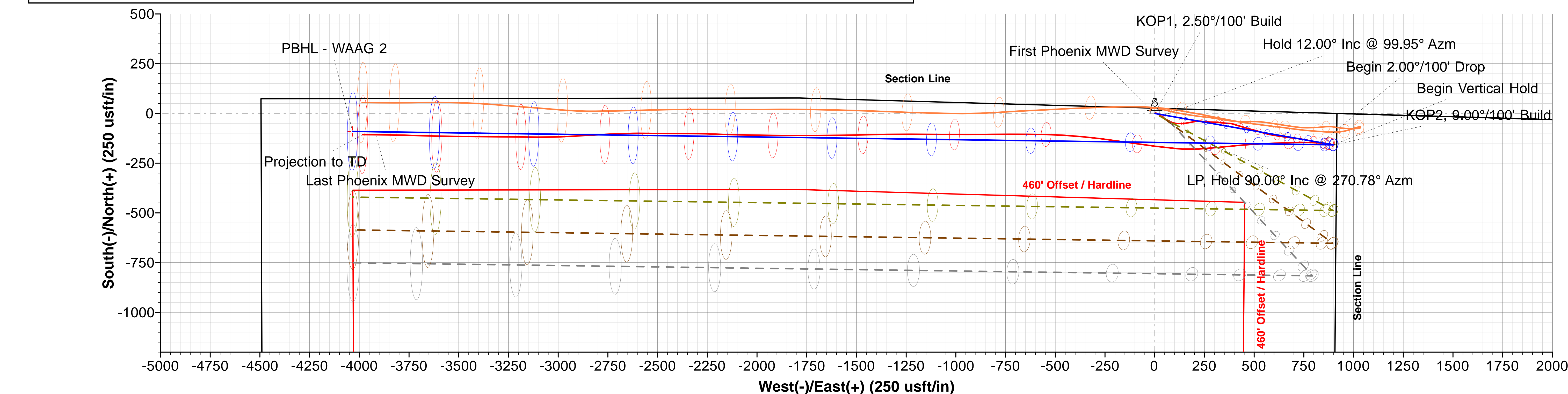
Azimuths to True North  
Magnetic North: 8.38°

Magnetic Field  
Strength: 52855.1snT  
Dip Angle: 67.07°  
Date: 12/15/2014  
Model: IGRF2010\_14

WELL @ 4919usft (Xtreme #7)  
Ground Level: 4902.00



WELL DETAILS											
					Ground Level:	4902.00					
+N/-S		+E/-W		Northing	Easting	Latitude		Longitude			
0.00		0.00		1450742.96	3219637.56	40° 34' 4.804 N		104° 42' 33.894 W			
SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00		KOP1, 2.50°/100' Build
3	1380.00	12.00	99.95	1376.50	-8.65	49.33	2.50	99.95	-49.12		Hold 12.00° Inc @ 99.95° Azm
4	5230.00	12.00	99.95	5142.37	-146.96	837.75	0.00	0.00	-834.24		Begin 2.00°/100' Drop
5	5830.00	0.00	0.00	5737.99	-157.78	899.41	2.00	180.00	-895.64		Begin Vertical Hold
6	6614.39	0.00	0.00	6522.38	-157.78	899.41	0.00	0.00	-895.64		KOP2, 9.00°/100' Build
7	7614.39	90.00	270.78	7159.00	-149.10	262.85	9.00	270.78	-259.44		LP, Hold 90.00° Inc @ 270.78° Azm
8	11911.64	90.00	270.78	7159.00	-90.54	-4034.00	0.00	0.00	4035.01	PBHL - WAAG 2	TD at 11911.64
DESIGN TARGET DETAILS											
Name				TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
EP - WAAG 2				7159.00	-151.84	455.36	1450595.19	3220094.26	40° 34' 3.303 N	104° 42' 27.993 W	Point
PBHL - WAAG 2				7159.00	-90.54	-4034.00	1450616.46	3215604.53	40° 34' 3.906 N	104° 43' 26.166 W	Point



LEGEND	
—	WAAG 1, Wellbore #1 / #1422515, Surveys (Xtreme #7) V0
—	WAAG 2, Wellbore #1 / #1422516, Surveys (Xtreme #7) V0
---	WAAG 5, Wellbore #1 / #1422519, Plan #1 12-15-14 V0
---	WAAG 4, Wellbore #1 / #1422518, Plan #2 01-05-15 V0
---	WAAG 3, Wellbore #1 / #1422517, Plan #2 01-05-15 V0
---	Plan #2 01-05-15