



Casing Depths

TVD	MD	Name	Size
2199.00	2199.00	9-5/8" Casing	9-5/8
8017.00	18583.46	5-1/2" Casing	5-1/2

ConocoPhillips

Arapahoe County, Colorado

Grande 4-65 20-19 2DH

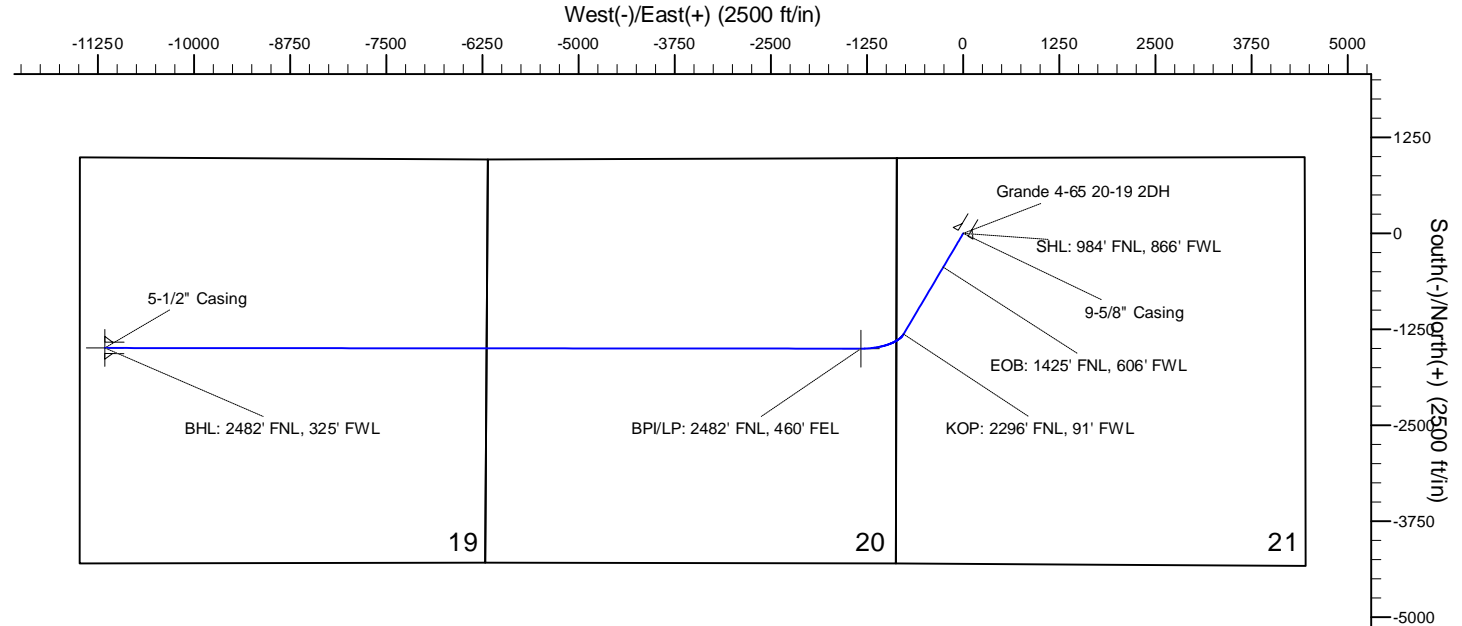
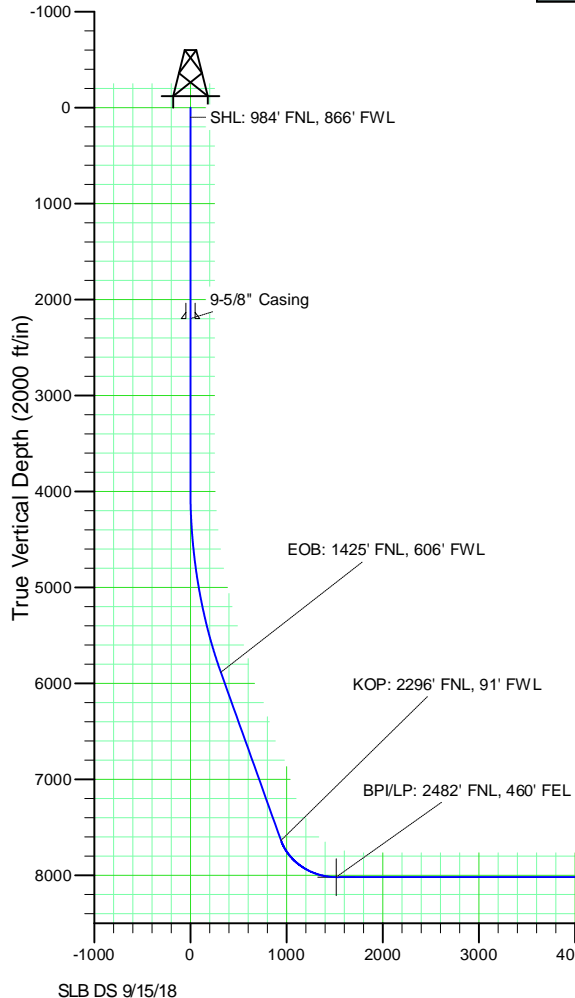
Design A

Ground Level: 5664.40
Surface Location Latitude: 39° 41' 37.878 N
Surface Location Longitude: 104° 40' 31.217 W
North Reference: True
25' RKB @ 5689.40ft (25' RKB)

North American Datum 1983
GRS 1980
US State Plane 1983
Colorado Central Zone

Well Profile Data

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	Vsect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3975.00	0.00	0.00	3975.00	0.00	0.00	0.00	0.00
5974.84	30.00	210.58	5884.72	-440.52	-260.29	1.50	316.39
7998.48	30.00	210.58	7637.29	-1311.57	-774.97	0.00	942.00
8751.52	90.02	270.05	8020.00	-1501.47	-1329.46	10.00	1516.78
18583.46	90.02	270.05	8017.00	-1492.87	-11161.40	0.00	11260.80



Wellbore Targets

Name	TVD	Latitude	Longitude
Grande 4-65 20-19 2DH BHL	8017.00	39° 41' 23.100 N	104° 42' 53.993 W
Grande 4-65 20-19 2DH BPI	8020.00	39° 41' 23.039 N	104° 40' 48.223 W

