



Casing Depths

TVD	MD	Name	Size
2199.00	2199.00	9 5/8" Casing	9-5/8
7967.00	18199.03	5-1/2" Casing	5-1/2

ConocoPhillips

Arapahoe County, Colorado

Grande 4-65 20-19 1CH

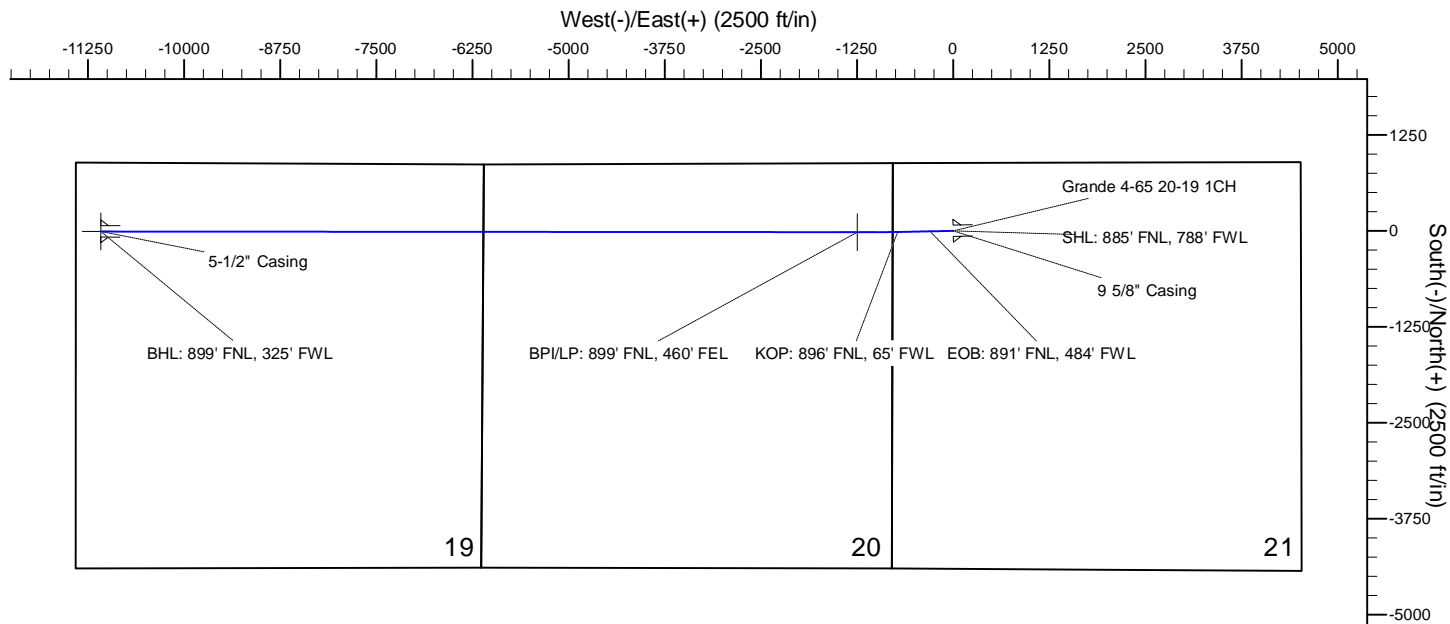
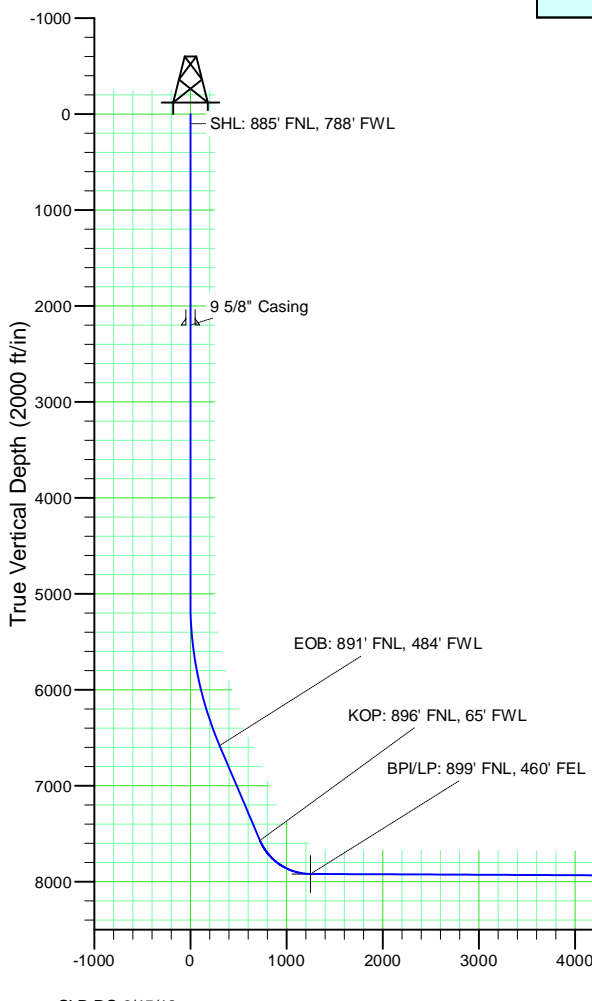
Design D

Ground Level: 5664.40
Surface Location Latitude: 39° 41' 38.846 N
Surface Location Longitude: 104° 40' 32.210 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
5089.50	0.00	0.00	5089.50	0.00	0.00	0.00	0.00
6623.12	23.00	268.85	6582.25	-6.07	-303.70	1.50	303.71
7697.22	23.00	268.85	7570.93	-14.46	-723.37	0.00	723.38
8364.49	89.73	270.05	7920.00	-17.08	-1248.05	10.00	1248.07
18199.03	89.73	270.05	7967.00	-8.52	-11082.48	0.00	11082.48



Wellbore Targets

Name	TVD	Latitude	Longitude
Grande 4-65 20-19 1CH BPI (D)	7920.00	39° 41' 38.677 N	104° 40' 48.176 W
Grande 4-65 20-19 1CH BHL (D)	7967.00	39° 41' 38.738 N	104° 42' 53.986 W

