



ConocoPhillips

Arapahoe County, Colorado

Grande 4-65 20-19 2CH

Design A

Casing Depths

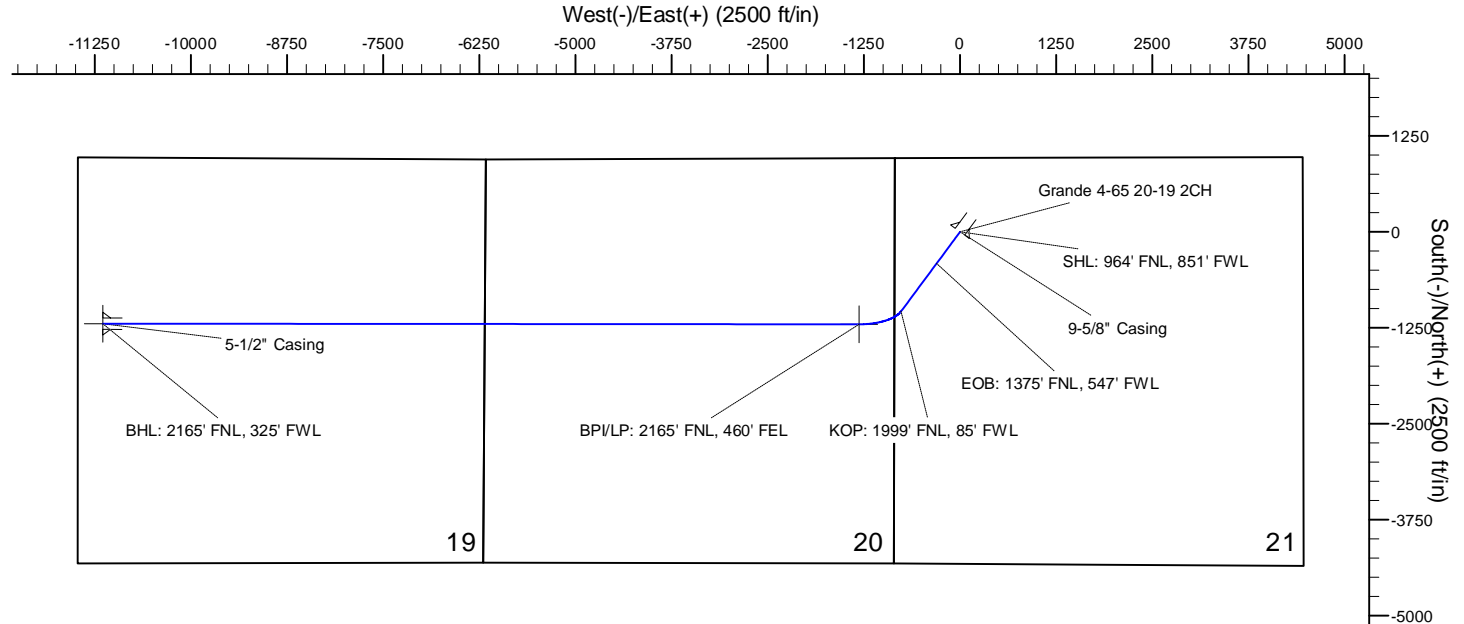
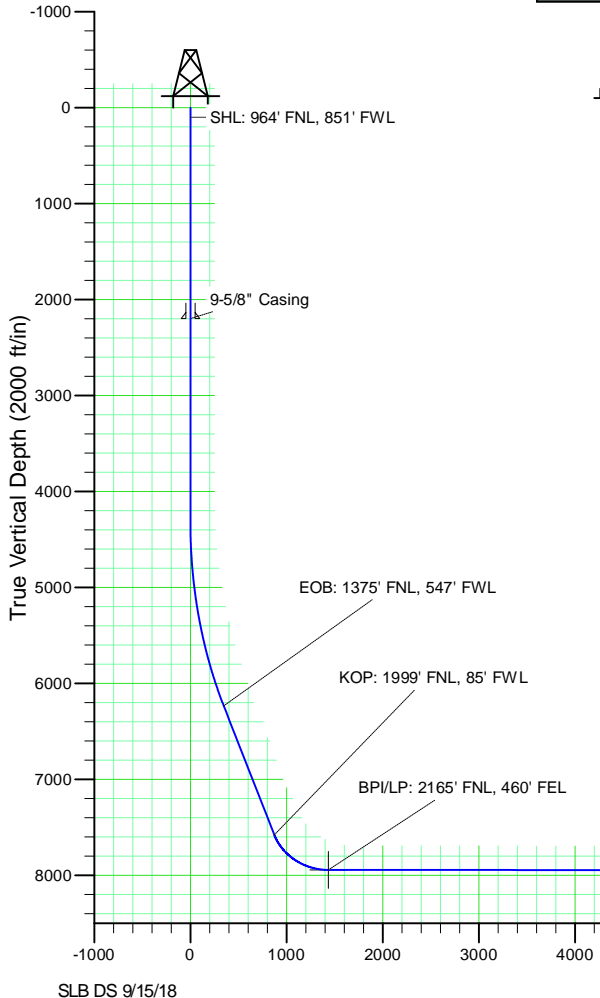
TVD	MD	Name	Size
2199.00	2199.00	9-5/8" Casing	9-5/8
7950.00	18436.80	5-1/2" Casing	5-1/2

Ground Level: 5664.40
Surface Location Latitude: 39° 41' 38.072 N
Surface Location Longitude: 104° 40' 31.415 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
4325.00	0.00	0.00	4325.00	0.00	0.00	0.00	0.00
6324.73	30.00	216.52	6234.63	-411.18	-304.43	1.50	346.55
7877.81	30.00	216.52	7579.69	-1035.21	-766.44	0.00	872.48
8604.70	89.97	270.05	7945.00	-1204.23	-1313.40	10.00	1434.35
18436.80	89.97	270.05	7950.00	-1195.64	-11145.50	0.00	11209.45



Wellbore Targets

Name	TVD	Latitude	Longitude
Grande 4-65 20-19 2CH BPI	7945.00	39° 41' 26.171 N	104° 40' 48.216 W
Grande 4-65 20-19 2CH BHL	7950.00	39° 41' 26.232 N	104° 42' 53.989 W

Vertical Section at 263.88° (2000 ft/in)