

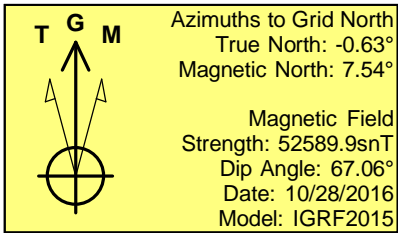
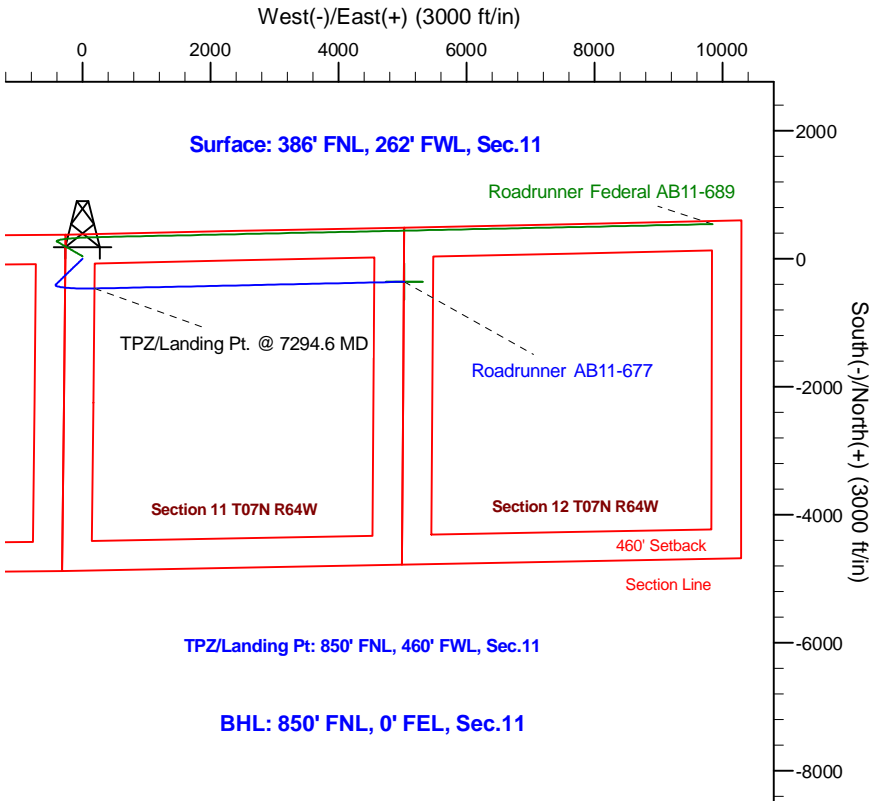
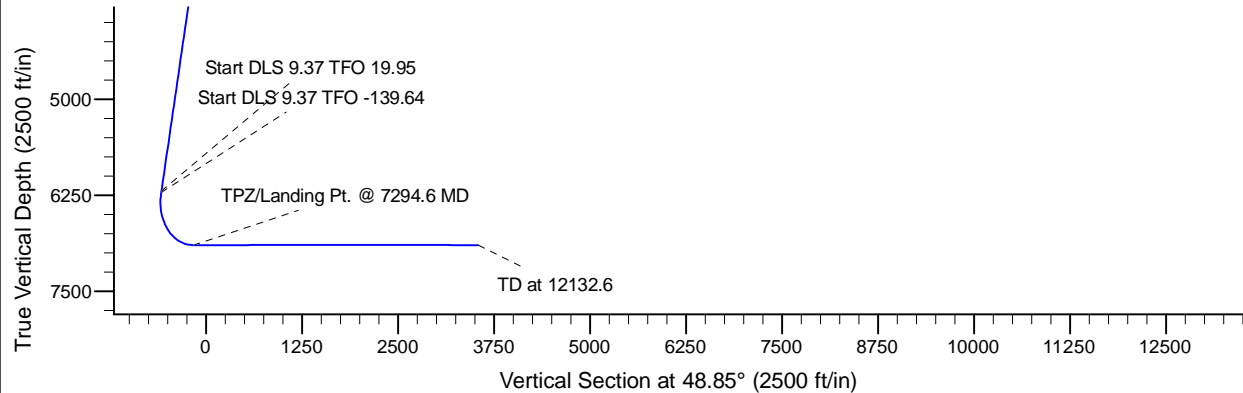
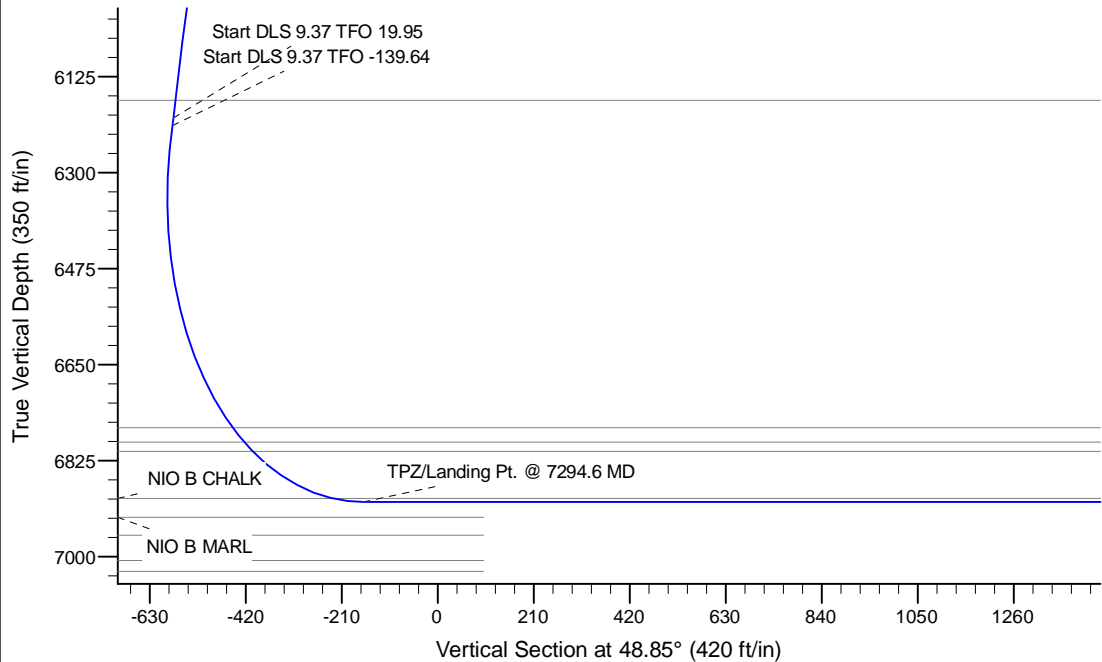
Project: Cummins
Site: AB Section 11-T7N-R64W Weld County, CO
Well: Roadrunner AB11-677
Wellbore: Original Drilling
Design: Plan 1

Northern Region - DJ Basin

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone
System Datum: Mean Sea Level

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0	
3	2412.5	8.25	226.00	2411.1	-20.6	-21.3	2.00	226.00	-29.6	
4	6241.0	8.25	226.00	6200.0	-402.2	-416.5	0.00	0.00	-578.3	
5	6255.7	9.55	228.82	6214.5	-403.7	-418.2	9.37	19.95	-580.6	
6	7294.6	90.00	88.79	6900.0	-465.0	190.0	9.37	-139.64	-162.9	
7	12132.6	90.00	88.74	6900.0	-360.9	5026.9	0.00	-90.00	3547.8	Roadrunner AB11-677 BHL1



WELL DETAILS: Roadrunner AB11-677

Northing	Easting	Ground Elevation: 4851.0	Latitude	Longitude
0.0	1060659.138137	40.5938200	106.0812655	-104.5248300

Plan: Plan 1 (Roadrunner AB11-677/Original Drilling)

Created By: Tatiana Gomez Date: 9:12, October 04 2017

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____