



DIRECTIONAL TECHNOLOGIES INC.

WPX Energy Rocky Mountain, LLC
GV 28-06S-096W
GM 323-28 Pad
GM 432-28
14-10-159
Final Surveys - Jan.19,2015

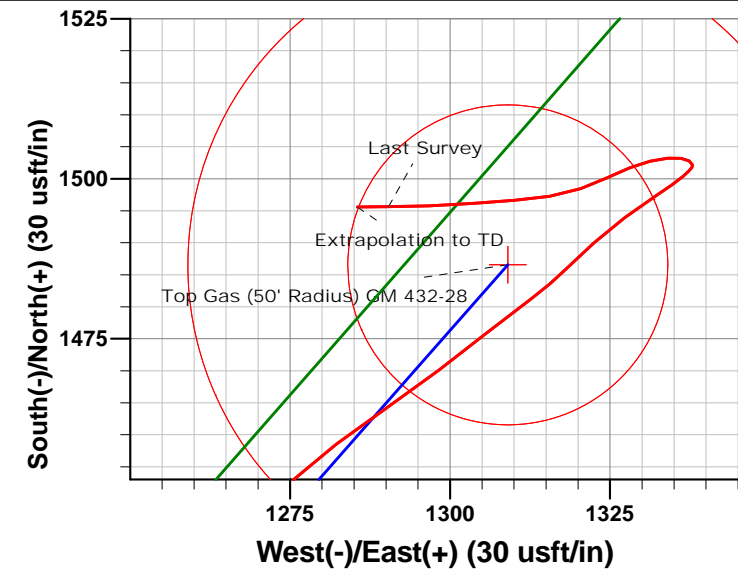
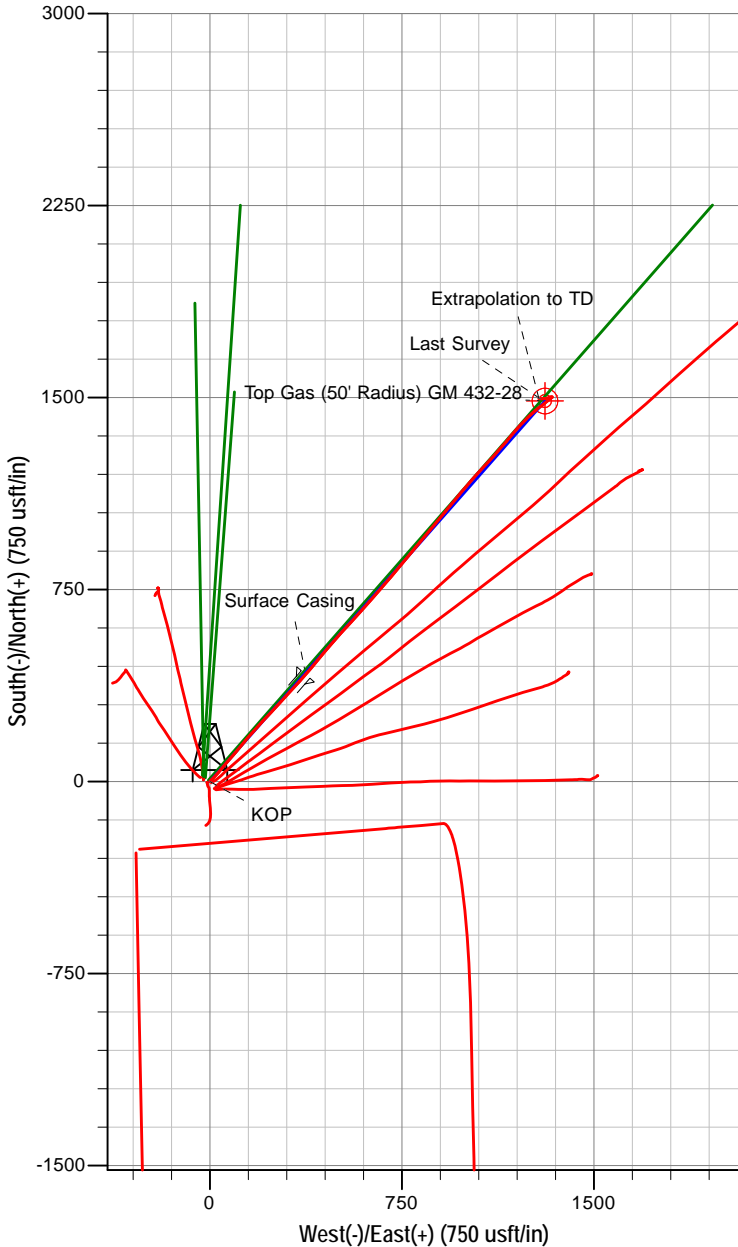
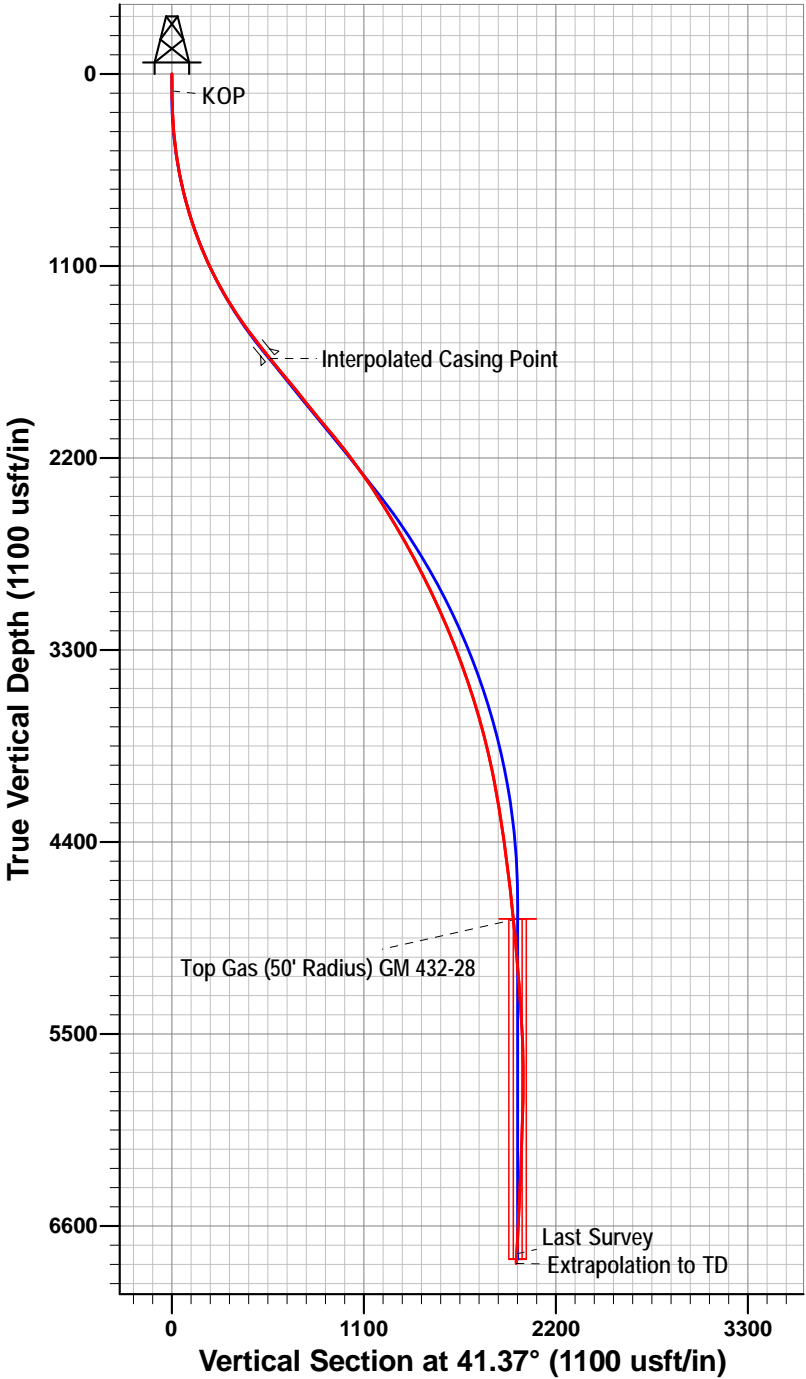
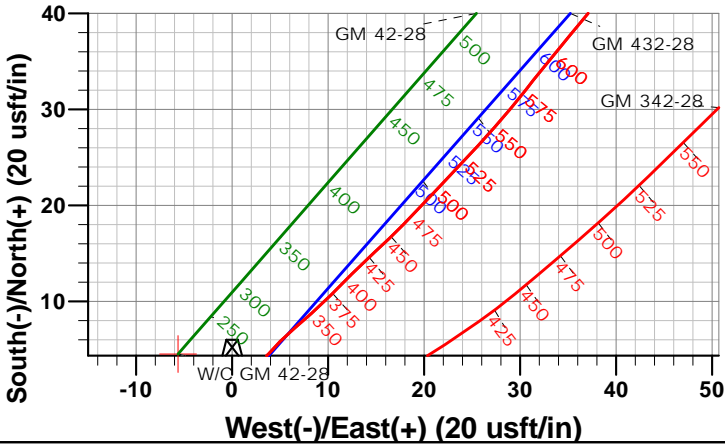


REFERENCE INFORMATION

Magnetic Declination - 9.97°
Magnetic Dip Angle - 65.62°
Field Strength - 51897
KB Elevation - KELLY BUSHING @ 5500.00usft (H&P 318 (24' RKB) mab)
Ground Level - 5476.00
Well Center Northing - 1614760.20
Well Center Easting - 2262170.50
Calculation Method - Minimum Curvature
Geodetic System - US State Plane 1983
Geodetic Datum - North American Datum 1983
Map Zone - Colorado Central Zone

WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W
W/C GM 322-28	0.00	23.76	-29.40
W/C GM 333-28	0.00	-23.87	29.30
W/C GM 342-28	0.00	-4.93	6.04
W/C GM 422-28	0.00	19.03	-23.56
W/C GM 42-28	0.00	4.54	-5.63
W/C GM 433-28	0.00	-26.92	17.18
W/C GM 522-28	0.00	14.30	-17.72
W/C GM 533-28	0.00	-31.65	23.02
W/C GM 542-28	0.00	-19.13	23.46
W/H GM 323-28	10.00	-3.24	-11.91
W/H GM 423-28	16.00	6.41	-23.99
W/H GM 523-28	16.00	15.98	-35.68
Top Gas (25' Radius) GM 432-28	4840.00	1486.55	1309.02
Top Gas (50' Radius) GM 432-28	4840.00	1486.55	1309.02



CASING DETAILS

TVD	MD	Name
1628.60	1765.00	Surface Casing

Survey: Final Surveys (GM 432-28/14-10-159)

Created By: Abby Nieradka Date: 9:17, January 19 2015