



+N/-S
0.00

+E/-W
0.00

Northing
1629329.30

Well Name: KP 32-9
Surface Location: KP 32-9 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 5762.00

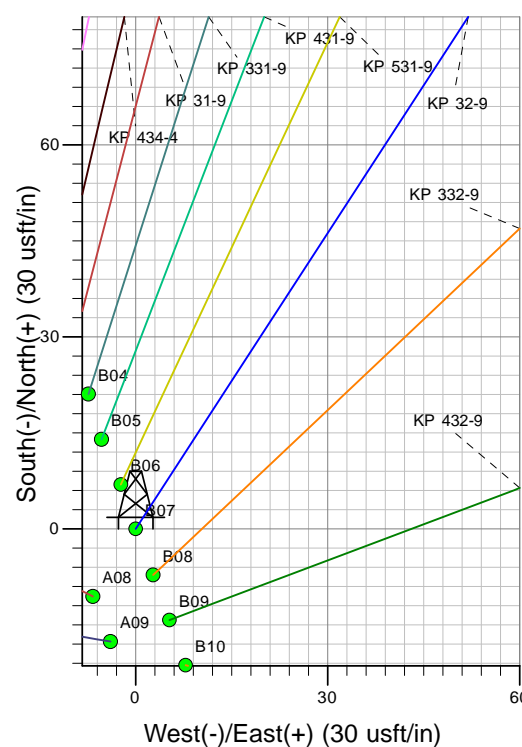
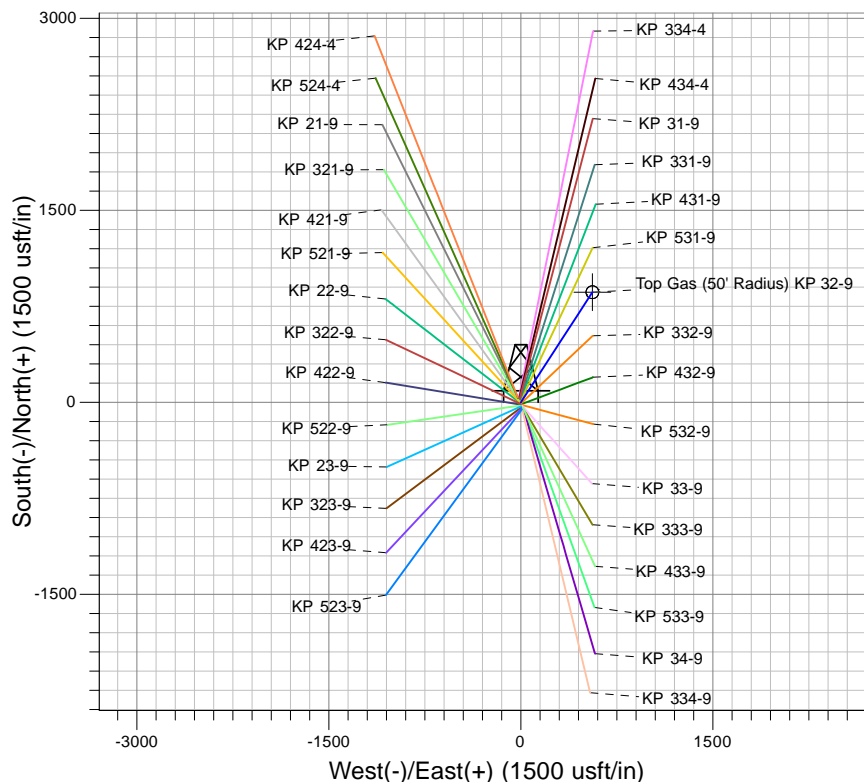
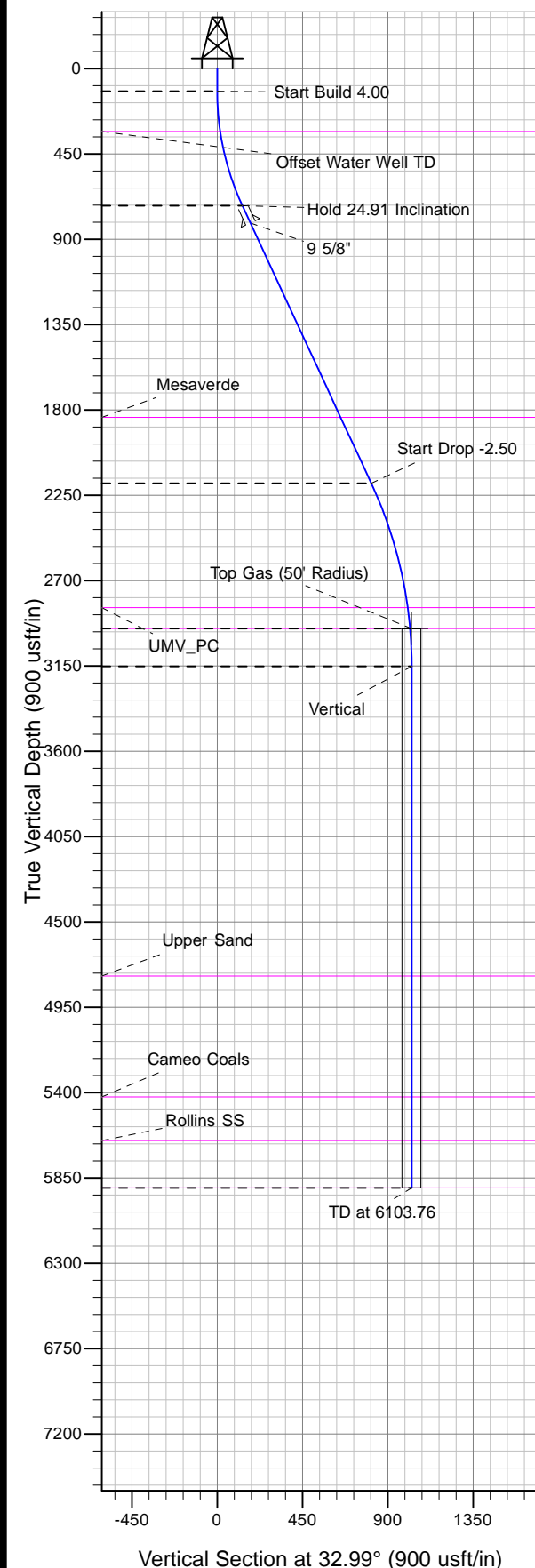
Easting
2419579.00

Latitude
39.54324

Longitude
-107.55833

Slot
B07

KELLY BUSHING @ 5783.00usft (Cyclone 17 (21' RKB) kjs)



Project: Sec. 09-T6S-R91W
Site: KP 32-9 Pad
Well: KP 32-9
Design #2 09Sep13 kjs



Azimuths to True North
Magnetic North: 9.92°
Magnetic Field
Strength: 52148.5snT
Dip Angle: 65.81°
Date: 4/15/2013
Model: IGRF2010

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
120.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 4.00
723.41	742.86	24.91	32.99	111.80	72.59	133.30	133.30	Hold 24.91 Inclination
2187.29	2356.94	24.91	32.99	682.10	442.85	813.25	813.25	Start Drop -2.50
2953.00	3153.51	5.00	32.99	853.67	554.24	1017.81	1017.81	Top Gas
3152.75	3353.51	0.00	0.00	860.98	558.99	1026.53	1026.53	Vertical
5903.00	6103.76	0.00	0.00	860.98	558.99	1026.53	1026.53	TD at 6103.76