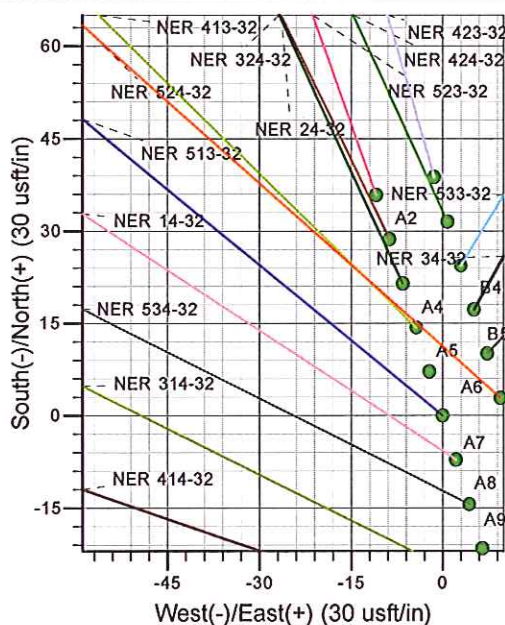
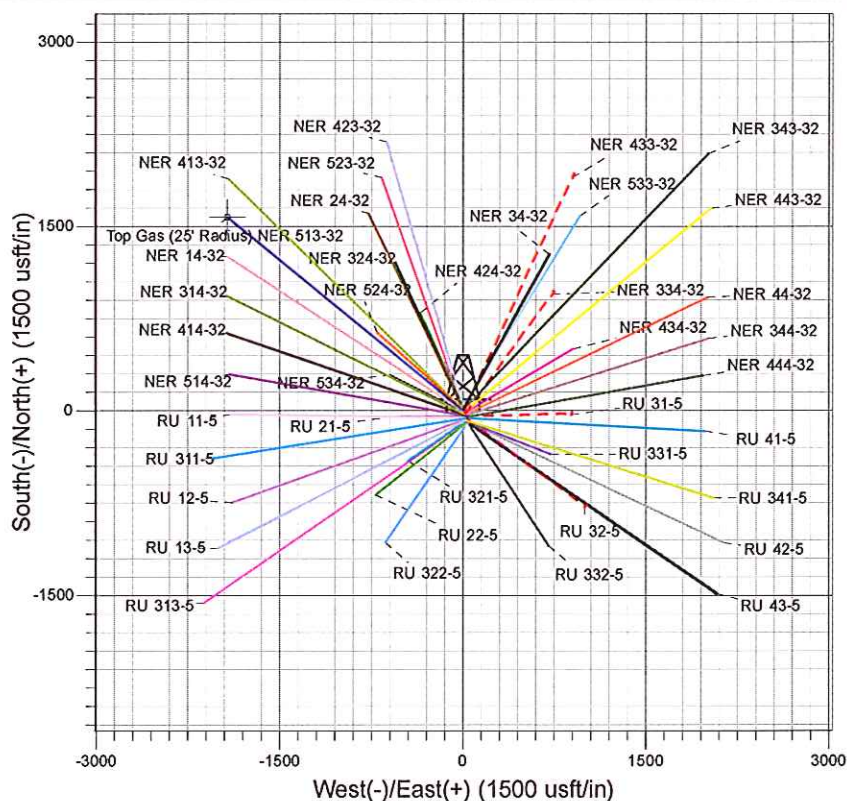
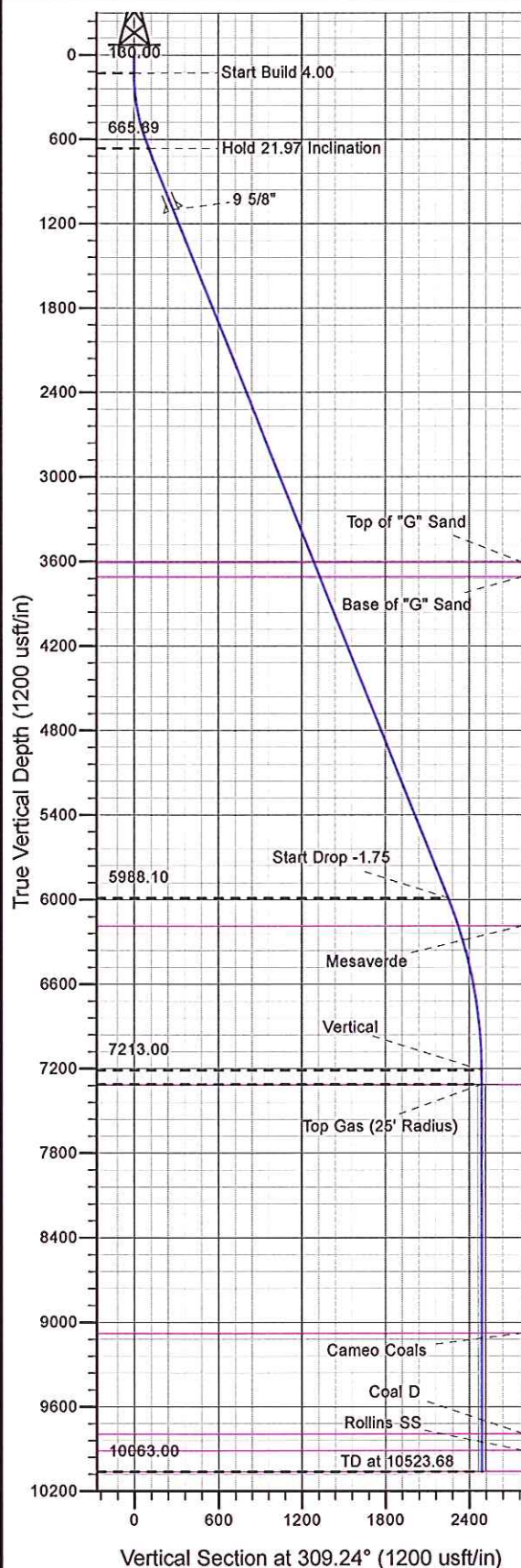




Well Name: NER 513-32
Surface Location: Single Cellar RU 23-5 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 7602.00
+N/-S 0.00 +E/-W 0.00 Northing 1606089.50 Easting 2351130.40 Latitude 39.47495 Longitude -107.79888 Slot A6
KELLY BUSHING @ 7628.00usft



Project: RU 05-07S-093W
Site: Single Cellar RU 23-5 Pad
Well: NER 513-32
Plan #3 22Jun12 kjs



Azimuths to True North
Magnetic North: 10.58°
Magnetic Field
Strength: 52542.8snT
Dip Angle: 65.84°
Date: 10/21/2008
Model: IGRF2005-10

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
130.00	0.00	0.00	130.00	0.00	0.00	0.00	0.00	Start Build 4.00
679.26	21.97	309.24	665.89	65.81	-80.56	104.02	104.02	Hold 21.97 Inclination
6418.23	21.97	309.24	5988.10	1424.13	-1743.38	2251.12	2251.12	Start Drop -1.75
7673.68	0.00	0.00	7213.00	1574.55	-1927.52	2488.88	2488.88	Vertical
7773.68	0.00	0.00	7313.00	1574.55	-1927.52	2488.88	2488.88	Top Gas
10523.68	0.00	0.00	10063.00	1574.55	-1927.52	2488.88	2488.88	TD at 10523.68