

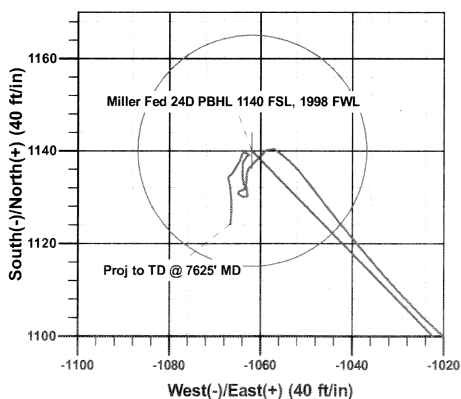
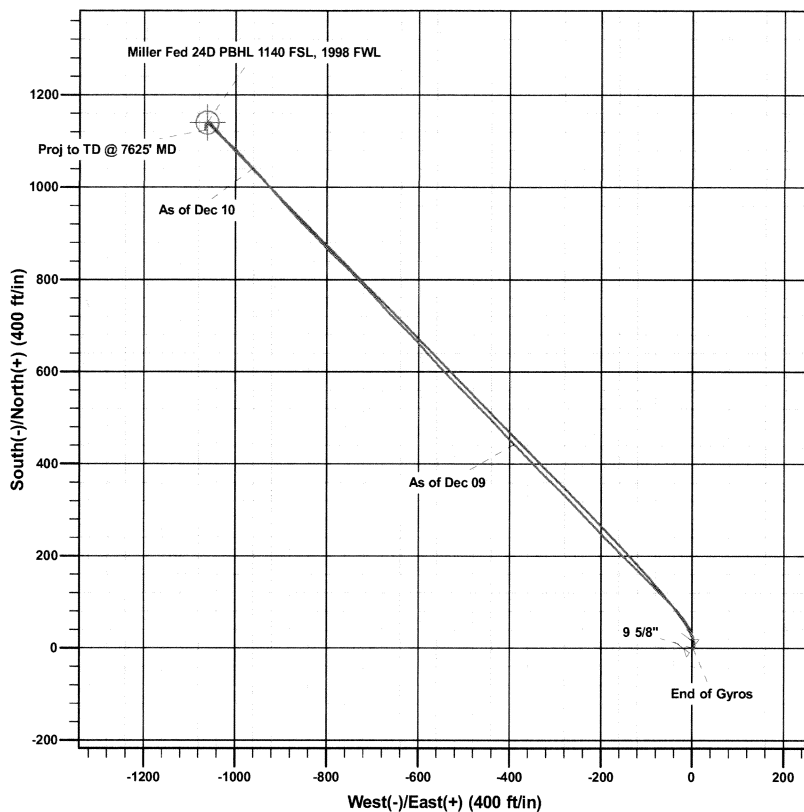
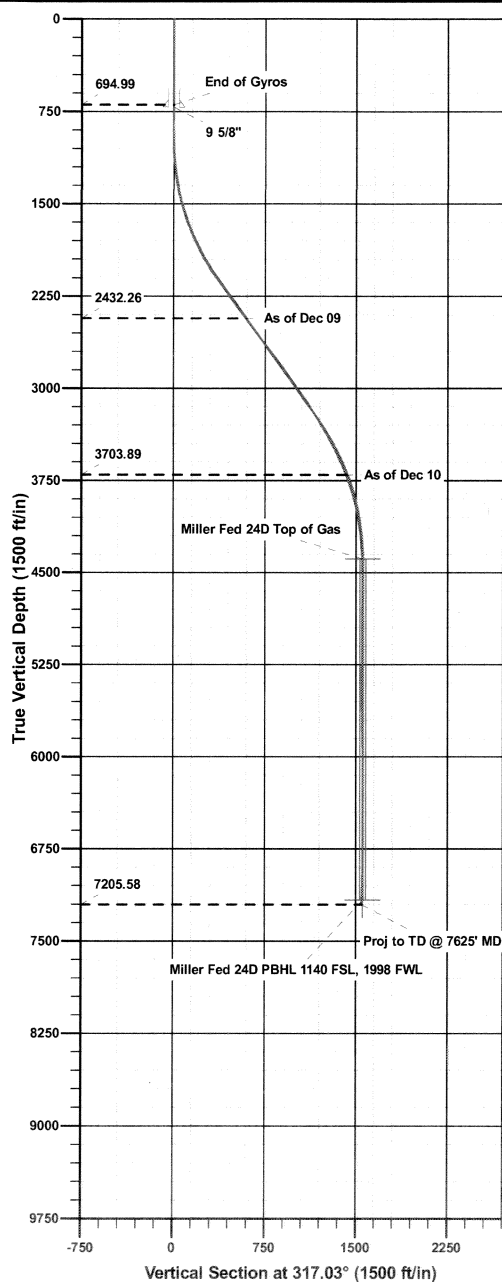


Bill Barrett Corporation

WELL DETAILS: Miller Federal 24D-31-691

Ground Level: 6261.00

North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
 +N/-S +E/-W Northing Easting Latitude Longitude
 0.00 0.00 1605404.58 2408671.74 39° 28' 36.80 N 107° 35' 42.13 W



Azimuths to True North
 Magnetic North: 10.26°

Magnetic Field
 Strength: 52408.2snT
 Dip Angle: 65.83°
 Date: 07/28/2010
 Model: IGRF200510

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
2432.26	2584.00	36.40	315.70	442.92	-390.60	590.33	604.58	As of Dec 09
3703.89	4106.00	21.50	315.70	1041.14	-961.85	1417.42	1432.01	As of Dec 10
7205.58	7625.00	3.20	185.10	1124.23	-1066.60	1549.62	1622.09	Proj to TD @ 7625' MD