

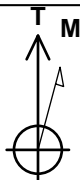


Well Name: SG 702-23-HN1
 Surface Location: SG 14-23 Pad
 North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
 Ground Elevation: 5071.00
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1587588.20 2269444.90 39.41814 -108.08627 A5B
 KELLY BUSHING @ 5098.00usft (Aztec1000 (27' RKB))

Project: SG 23-07S-096W
 Site: SG 14-23 Pad
 Well: SG 702-23-HN1
 Design #1 30Jan13 kjs

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
8581.10	0.00	0.00	8581.10	0.00	0.00	0.00	0.00	Tie into Pilot Hole KOP 8°/100
9722.69	91.33	174.01	9297.11	-728.78	76.49	732.79	732.79	Landing Pt 91.33° Inc, 174.01° Az
14487.60	91.33	174.01	9186.74	-5466.39	573.75	5496.42	5496.42	Begin 75' Rathole
14562.00	91.33	174.01	9185.01	-5540.36	581.52	5570.80	5570.80	TD at 14562.6



Azimuths to True North
 Magnetic North: 10.14°
 Magnetic Field
 Strength: 52078.5snT
 Dip Angle: 65.63°
 Date: 1/30/2013
 Model: IGRF2005-10

