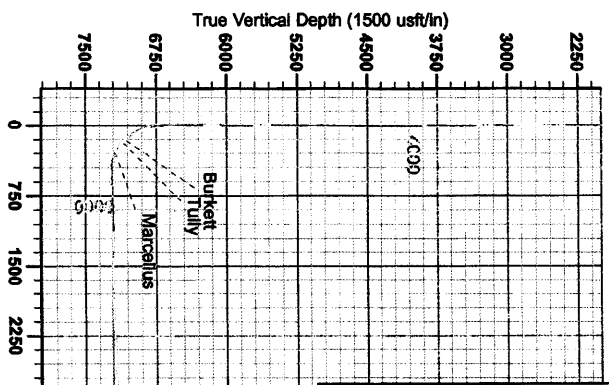


4701706102



Antero Resources  
 Hinnerer Unit 1H  
 Doddridge County WV  
 Northing: 14219110.43  
 Easting: 1726624.10  
 Original Wellpath



**WELL DETAILS:** Hinnerer Unit 1H

AMS +E/W Northing Ground Level: 1218.8  
 0.0 14219110.43 172624.10 39° 23.854 NMD 41° 45.199 W  
 Slat

**PROJECT DETAILS:** Doddridge County WV

Geologic System: Universal Transverse Mercator (US Survey Feet)  
 District: NAD 83 (NAD83 CONUS)  
 Easting: 1726624.10  
 Zone: Zone 17N (64 W to 78 W)  
 System Datum: Mean Sea Level

Reference Information  
 Original (US) Reference: Well Hinnerer Unit 1H, 08/20/2013 @ 1241.0m (Original Well Path)  
 Survey: 10-11-12  
 Station: 1718 + 27 503 @ 1241.0m (Original Well Path)  
 Completion Status: Active  
 Completion Date: 08/20/2013

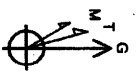
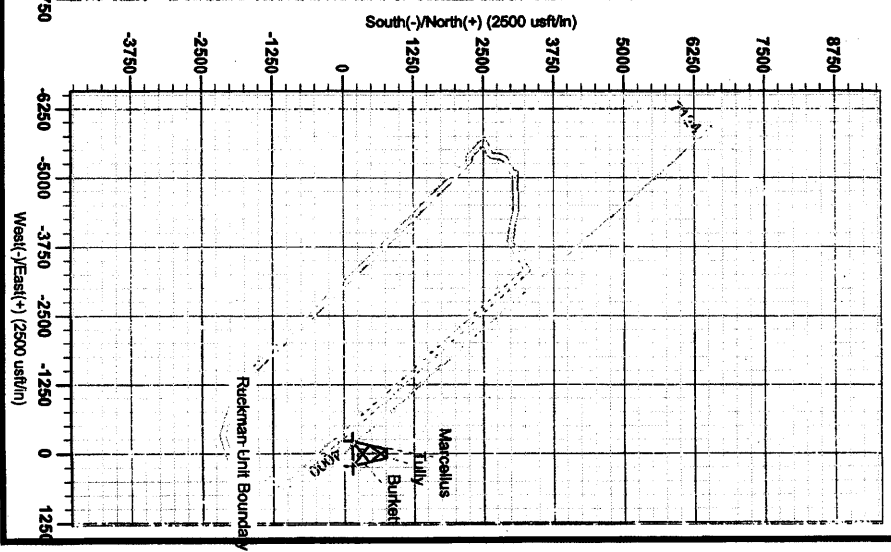
- LEGEND**
- Hinnerer Unit 1H, Original Wellpath, Plan 3 Post Opn VO
  - ✱ Hinnerer Unit 2H, Original Wellpath, Original Wellpath VO
  - Original Wellpath

15:09, September 08 2013  
 Gentle Lightfoot  
 Scientific Drilling  
 421 South Eagle Lane  
 Oklahoma City, OK

**DESIGN TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
SHL Hinnerer Unit 1H	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Actual BHL Hinnerer Unit 1H 7211.0		6897.7		-6903.814225708	13 1720670.6009	10° 29.282 N 80° 42' 0.544 W	
BHL (UTM meters)				4,334,273m	634,281m		
BHL (UTM meters)				4,336,273m	634,482m		

Vertical Section at 318.04° (1500 usf/in)



To convert Magnetic North to Grid, Subtract 8.84°  
 To convert True North to Grid, Subtract 0.19°

Adjustable to Grid North  
 True North: -0.19°  
 Magnetic North: -8.84°  
 Strength: 62388.6mT  
 Date: 1/16/2013  
 Dip Angle: 66.85°  
 Model: IGRF2010

**RECEIVED**  
 FEB 11 2014  
 WV GEOLOGICAL SURVEY  
 MORGANTOWN, WV