

95-02067



**Antero Resources**  
**Sweeney Unit 2H**  
**Tyler County WV**  
**Northing: 14306200.00**  
**Easting: 1713804.31**  
**Original Wellpath**

**WELL DETAILS:** Sweeney Unit 2H

+N/-S	+E/-W	Northing	Ground Level	Easting	Latitude	Longitude	Slot
0.0	0.0	14306200.00	749.0	1713804.31	39° 23' 45.356 N	80° 44' 24.829 W	

**DESIGN TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
SHL Sweeney Unit 2H	0.0	0.0	0.0	14306200.00	1713804.31	39° 23' 45.356 N	80° 44' 24.829 W	Point
Actual BHL Sweeney Unit 2H	6676.5	-1562.0	6674.5	14304638.04	1720478.84	39° 23' 29.714 N	80° 42' 59.840 W	Point



To convert Magnetic North to Grid, Subtract 8.63°  
 To convert True North to Grid, Subtract 0.16°

Azimuths to Grid North  
 True North: -0.17°  
 Magnetic North: -8.63°

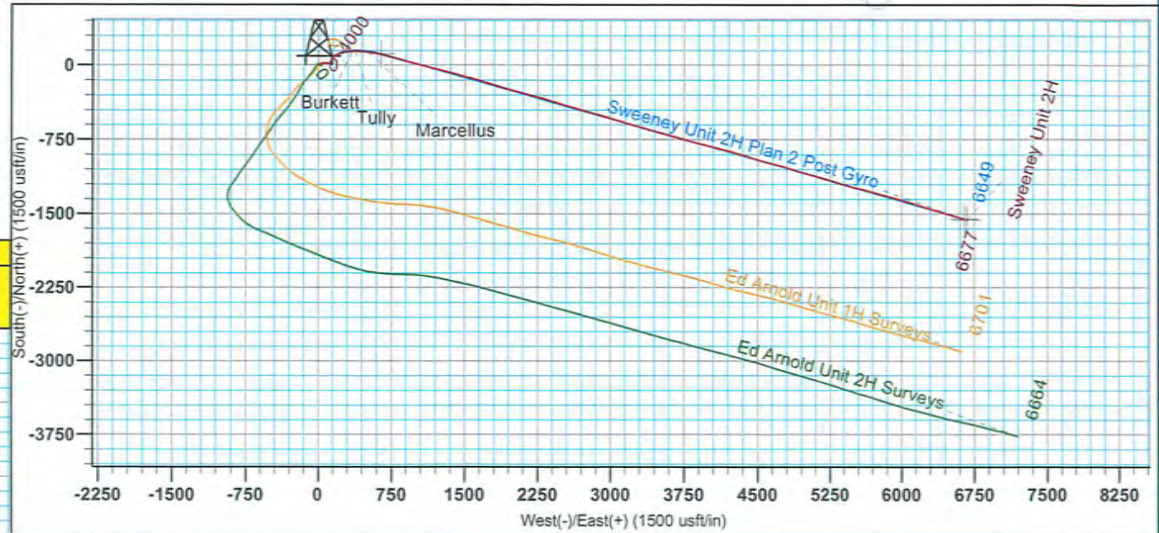
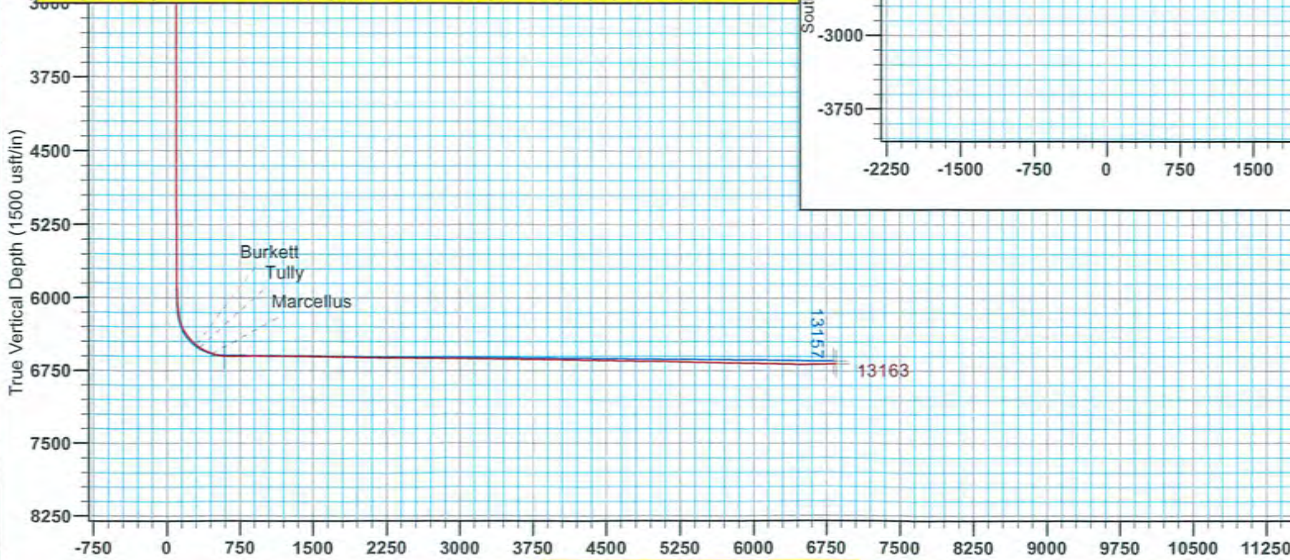
Magnetic Field  
 Strength: 52522.0 nT  
 Dip Angle: 67.03°  
 Date: 1/9/2013  
 Model: IGRF2010

**LEGEND**

- Ed Arnold Unit 1H, Original Wellpath, Original Wellpath V0
- Sweeney Unit 2H, Original Wellpath, Plan 2 Post Gyro V0
- Ed Arnold Unit 2H, Original Wellpath, Original Wellpath V0
- Original Wellpath

**DESIGN TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
SHL Sweeney Unit 2H	0.0	0.0	0.0	14306200.00	1713804.31	39° 23' 45.356 N	80° 44' 24.829 W
Actual BHL Sweeney Unit 2H	6676.5	-1562.0	6674.5	14304638.04	1720478.84	39° 23' 29.714 N	80° 42' 59.840 W
SHL (UTM meters)				N: 4,360,756m E: 522,383m	BHL (UTM meters)	N: 4,360,290 E: 524,385m	



**SITE DETAILS:** Ed Arnold Pad  
 Ed Arnold Pad McElroy District

Site Centre Northing: 14306188.32  
 Easting: 1713823.50  
 Positional Uncertainty: 2.0  
 Convergence: 0.16  
 Local North: Grid

**PROJECT DETAILS:** Tyler County WV

Geodetic System: Universal Transverse Mercator (US Survey Feet)  
 Datum: NAD 1927 (NADCON CONUS)  
 Ellipsoid: Clarke 1866  
 Zone: Zone 17N (84 W to 78 W)  
 System Datum: Mean Sea Level

**FORMATION TOP DETAILS**  
 No formation data is available

Genie Lightfoot 15:40, September 09 2013  
 Scientific Drilling  
 421 South Eagle Lane  
 Oklahoma City, OK

