



Antero Resources
Thrash Unit 2H
 Harrison County West Virginia
 Northing: 14233780.48
 Easting: 1787711.29
 As Drilled

WELL DETAILS: Thrash Unit 2H

Ground Level: 1069.0
 +NLS +E/W Northing Easting
 0.0 0.0 14233780.48 1787711.29
 Length Width
 45.371 W 11.46
 163.86' 28' 45.371 W

Slor

PROJECT DETAILS: Harrison County West Virginia

Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD 1983 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: Zone 17N (84 W to 78 W)
 System Datum: Mean Sea Level

REFERENCE INFORMATION

Coordinate (NG) Reference: Well Thrash Unit 2H, Grid North
 Section (US) Reference: S24, T10N, R10E @ 1115.0 East (Original Well Path)
 Measurement Method: Mean Sea Level
 Calculation Method: Minimum Curvature

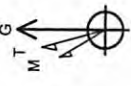
Well Location Coordinates (NAD 83)

Name	TVD	+N/S	+E/W	Northing	Easting	Longitude
SHL Thrash Unit 2H	0.0	0.0	0.0	0.0	0.0	0.0
Actual SHL Thrash Unit 2H	6894.1	-6895.3	2389	14225845.191730109	4287-10-37-453.80'	28' 18.413 W
SHL (UTM meters)				4,339,683.483m	544,910.199m	
BUL (UTM meters)				4,339,603.564m	545,677.776m	

LEGEND

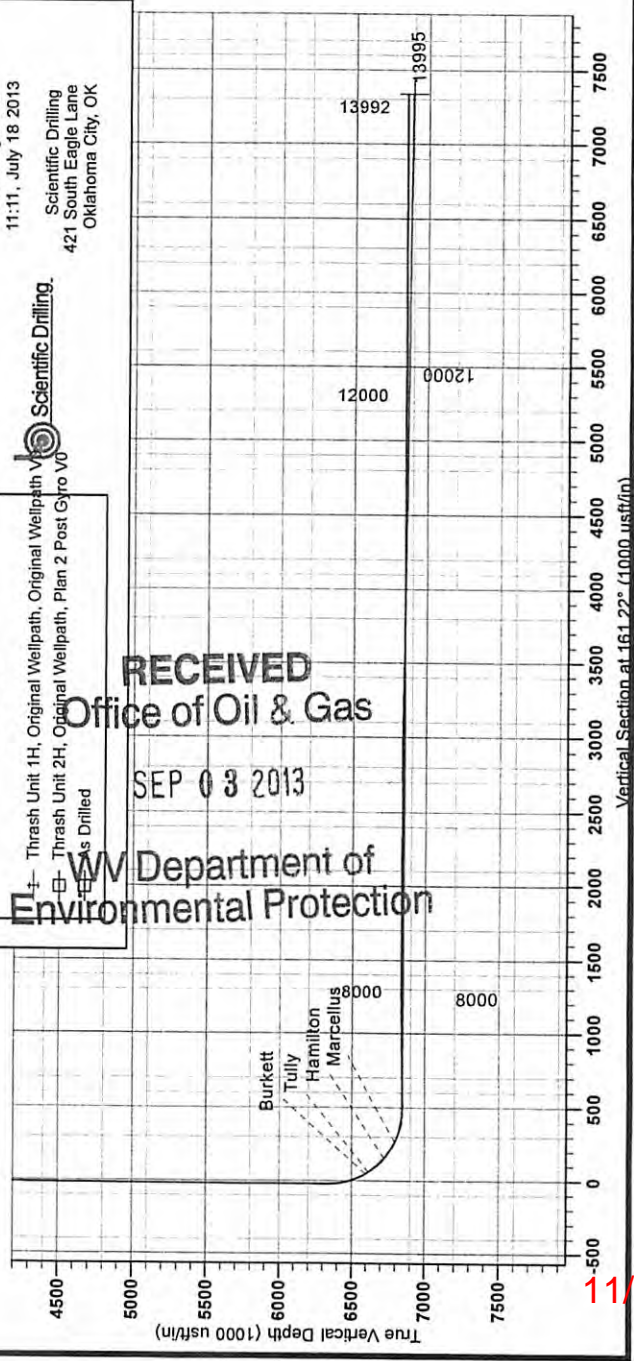
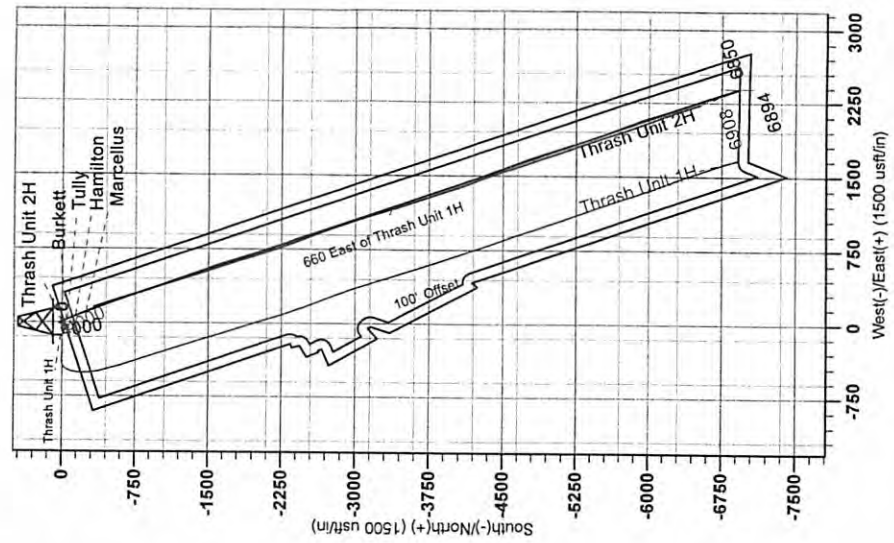
- Thrash Unit 1H, Original Wellpath, Original Wellpath V0
- Thrash Unit 2H, Original Wellpath, Plan 2 Post Gyro V0
- As Drilled

Genie Lightfoot
 11:11, July 18 2013
 Scientific Drilling
 421 South Eagle Lane
 Oklahoma City, OK



To convert Magnetic North to Grid, Subtract 8.93°
 To convert True North to Grid, Subtract 0.33°

Asimuths to Grid North
 True North: -0.33°
 Magnetic North: -8.93°
 Magnetic Field
 Strength: 52395.3nT
 Dip Angle: 68.94°
 Declination: 12.2°
 Model: IGRF2010



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 Office of Oil & Gas
 SEP 03 2013

WV Department of
 Environmental Protection