

33-05708



Antero Resources
Oneacre Unit 1H
Harrison County West Virginia
Northing: 14243207.06
Easting: 1766821.12
As Drilled

WELL DETAILS: Oneacre Unit 1H

+N/-S	+E/-W	Northing	Ground Level	Latitude	Longitude	Slot
0.0	0.0	14243207.06	1405.0	39° 13' 20.469 N	80° 33' 13.219 W	

PROJECT DETAILS: Harrison County West Virginia

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

REFERENCE INFORMATION

Coordinate (NE) Reference: Well Oneacre Unit 1H, Grid North
 Vertical (TV) Reference: Oneacre 1H 1405 GL + 25 KB @ 1430 Duff (Original Well Elev)
 Section (VS) Reference: Slot - @ 25 KB @ 1430
 Measured Depth Reference: Oneacre 1H 1405 GL + 25 KB @ 1430 Duff (Original Well Elev)
 Calculation Method: Minimum Curvature



Genie Lightfoot
 9:36, September 17 2013

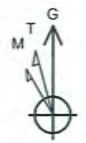
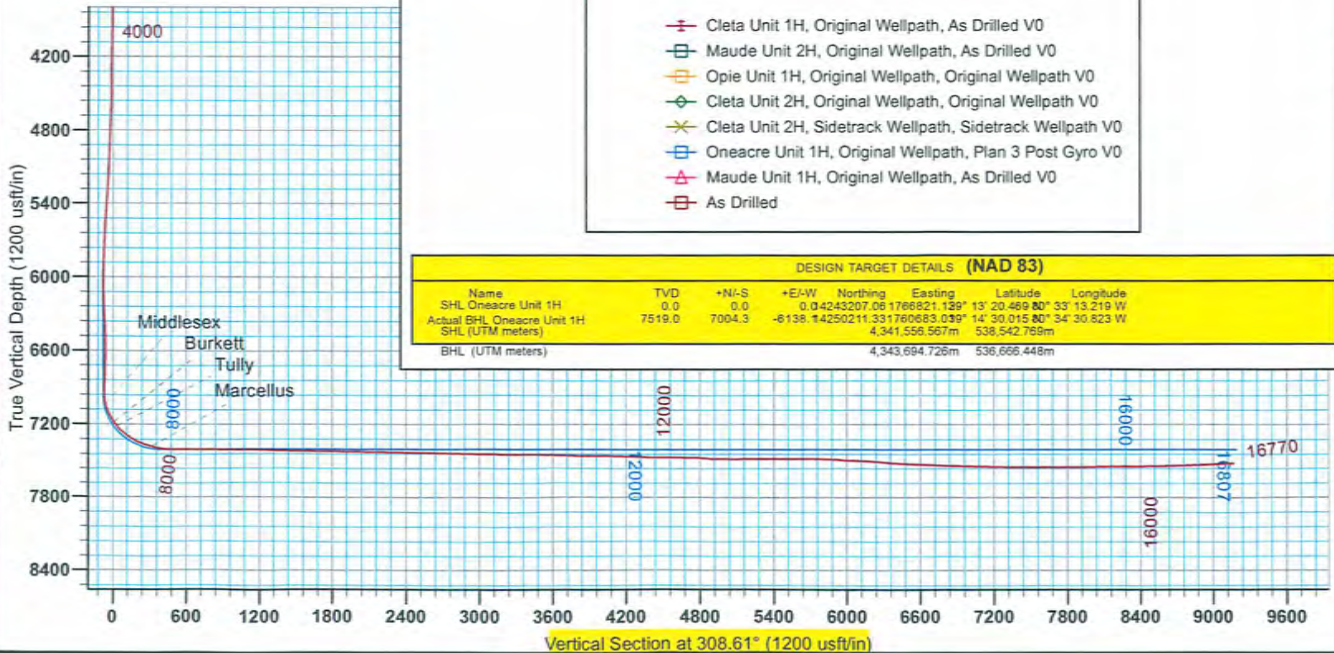
Scientific Drilling
 421 South Eagle Lane
 Oklahoma City, OK

LEGEND

- +— Cleta Unit 1H, Original Wellpath, As Drilled V0
- Maude Unit 2H, Original Wellpath, As Drilled V0
- ◇— Opie Unit 1H, Original Wellpath, Original Wellpath V0
- ◇— Cleta Unit 2H, Original Wellpath, Original Wellpath V0
- X— Cleta Unit 2H, Sidetrack Wellpath, Sidetrack Wellpath V0
- Oneacre Unit 1H, Original Wellpath, Plan 3 Post Gyro V0
- △— Maude Unit 1H, Original Wellpath, As Drilled V0
- As Drilled

DESIGN TARGET DETAILS (NAD 83)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
SHL Oneacre Unit 1H	0.0	0.0	0.0	14243207.06	1766821.12	39° 13' 20.469 N	80° 33' 13.219 W
Actual BHL Oneacre Unit 1H	7519.0	7004.3	-8138	14250211.33	1766683.03	39° 14' 30.015 N	80° 34' 30.823 W
SHL (UTM meters)				4,341,558.597m	538,542.799m		
BHL (UTM meters)				4,343,694.726m	536,666.448m		



To convert Magnetic North to Grid, Subtract 8.87°
 To convert True North to Grid, Subtract 0.28°

Azimuths to Grid North
 True North: -0.28°
 Magnetic North: -8.87°

Magnetic Field
 Strength: 52338.1nT
 Dip Angle: 66.61°
 Date: 7/31/2013
 Model: IGRF2010

