

33-05640



Antero Resources
Rogers Unit 1H
Harrison County West Virginia
Northing: 14252483.33
Easting: 1801947.78
Original Wellpath

WELL DETAILS: Rogers Unit 1H

+N/-S	+E/-W	Northing	Ground Level	1275.0	Latitude	Longitude	Slot
0.0	0.0	14252483.33	Easting	1801947.7839°	14° 50.238' N	80° 25' 45.984" 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

Co-ordinate (N/E) Reference: Well Rogers Unit 1H, Grid North
 Vertical (TVD) Reference: Rogers 5in 1275 GL + 28 KB @ 1303 Oust
 Section (VS) Reference: Slot - (0.0N, 0.0E)
 Measured Depth Reference: Rogers 1H +275 GL + 28 KB @ 1303 Oust
 Calculation Method: Minimum Curvature

LEGEND

- Hawker Unit 1H, Original Wellpath, Original Wellpath V0
- Nelson Unit 2H, Original Wellpath, Original Wellpath V0
- Hawker Unit 2H, Sidetrack 2, Sidetrack 2 V0
- Dessie Unit 1H, Original Wellpath, Original Wellpath V0
- Rogers Unit 1H, Original Wellpath, Plan 5 Post Gyro V0
- Nelson Unit 1H, Sidetrack 1, Sidetrack 1 V0
- Nelson Unit 1H, Original Wellpath, Original Wellpath V0
- Original Wellpath

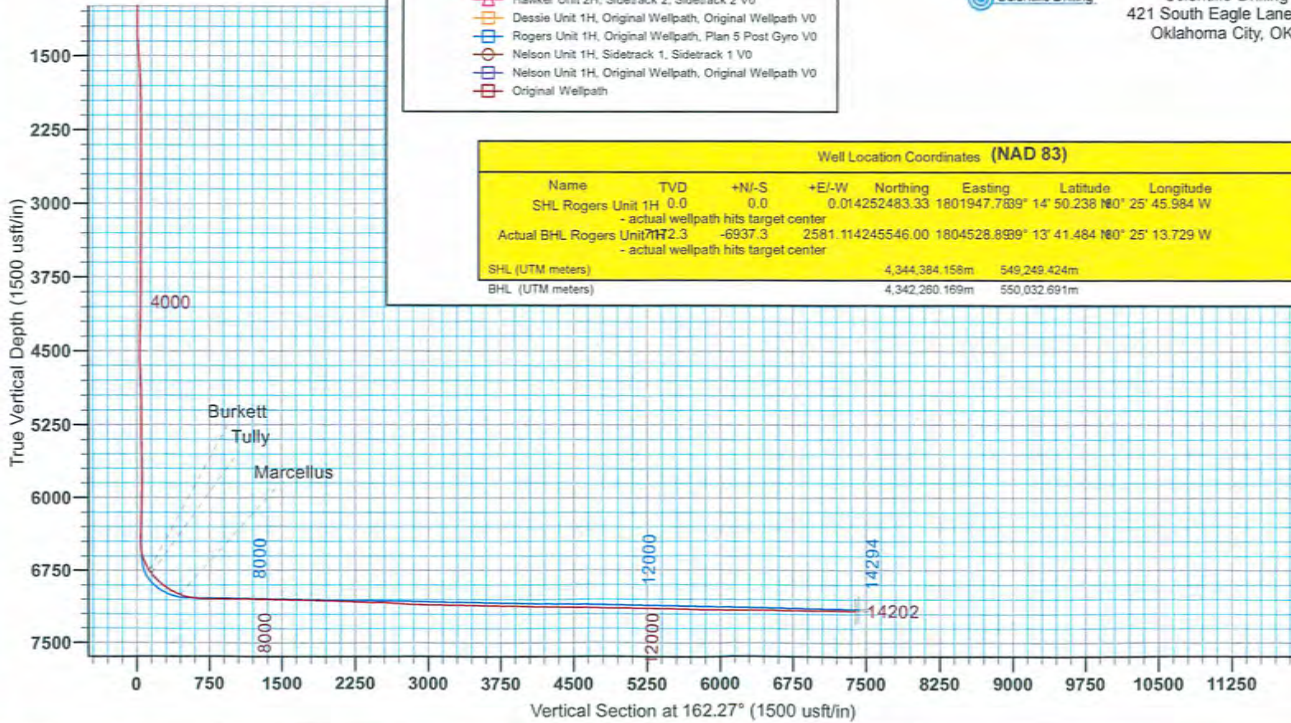
Genie Lightfoot
 13:31, July 18 2013



Scientific Drilling
 421 South Eagle Lane
 Oklahoma City, OK

Well Location Coordinates (NAD 83)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
SHL Rogers Unit 1H	0.0	0.0	0.0	14252483.33	1801947.7839°	14° 50.238' N	80° 25' 45.984" W
- actual wellpath hits target center							
Actual BHL Rogers Unit 1H	7172.3	-6937.3	2581.1	114245546.00	1804528.8989°	13° 41.484' N	80° 25' 13.729" W
- actual wellpath hits target center							
SHL (UTM meters)				4,344,384.158m	549,249.424m		
BHL (UTM meters)				4,342,260.169m	550,032.691m		



To convert Magnetic North to Grid, Subtract 0.01°
 To convert True North to Grid, Subtract 0.38°

Azimuths to Grid North
 True North: -0.38°
 Magnetic North: -0.01°

Magnetic Field
 Strength: 52424.35nT
 Dip Angle: 66.89°
 Date: 11/13/2012
 Model: IGRF2010

