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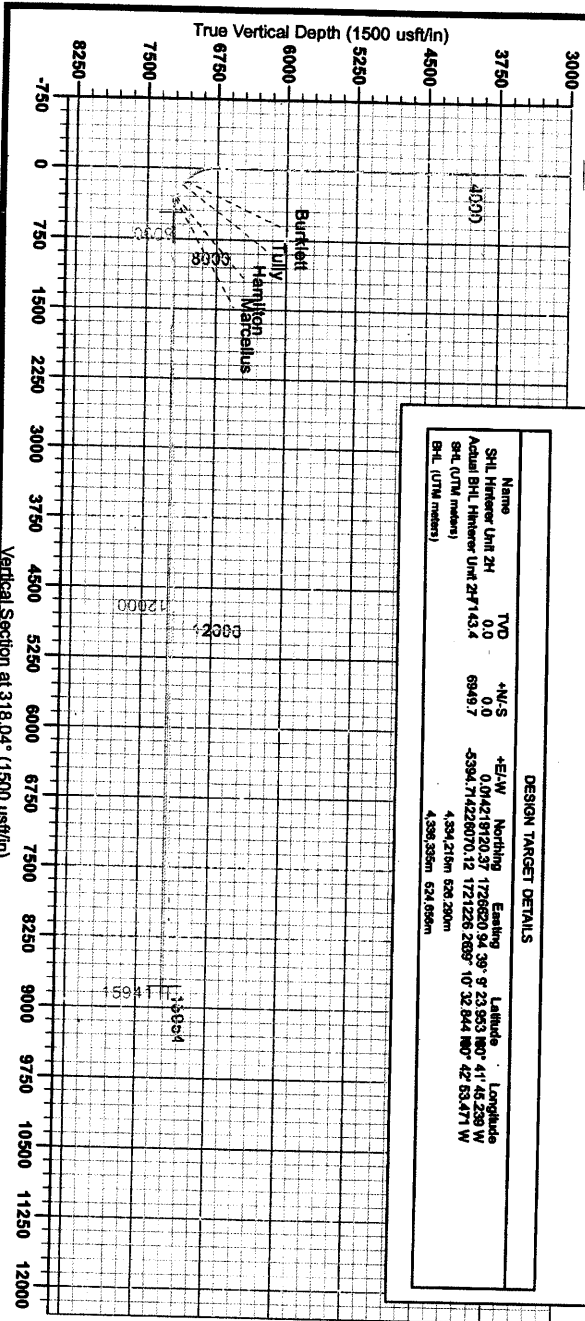
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FEB 11 2014

WV GEOLOGICAL SURVEY
MORGANTOWN, WV



Antero Resources
Hinterer Unit 2H
Doddridge County WV
Northing: 14219120.37
Easting: 1728620.94
Original Wellpath



WELL DETAIL S: Hinterer Unit 2H

Ground Level: 1218.0
 +N/S: 0.0 +E/W: 0.0 Northing: 14219120.37 Easting: 1728620.94 39° 23' 00" N 80° 41' 42.59" W Spot

PROJECT DETAIL S: Doddridge County, WV

Geologic System: Universal Transverse Mercator (US Survey Feet)
 Ellipsoid: Clarke 1866 (NAD83 CONUS)
 Zone: Zone 17N (84 W to 78 W)
 System Datum: Mean Sea Level

Coordinating (N/E) Reference: Well Hinterer Unit 2H, 0461 1000
 Section (U/S) Reference: Hinterer Unit 2H, 0178° 22' 39" @ 1241 (East) (Original Well Path)
 Marker of Depth Reference: Hinterer Unit 2H, 0178° 22' 39" @ 1241 (East) (Original Well Path)
 Reference: Wellpath

LEGEND

- ⊕ Ruckman Unit 2H, Original Wellpath, Original Wellpath V0
- ⊖ Ruckman Unit 3H, Original Wellpath, Original Wellpath V0
- ⊕ Hinterer Unit 2H, Original Wellpath, Plan 2 Post Giro V0
- ⊖ Original Wellpath

DESIGN TARGET DETAILS

Name	TVD	+N/S	+E/W	Northing	Easting	Latitude	Longitude
SH, Hinterer Unit 2H	0.0	0.0	0.0	14219120.37	1728620.94	39° 23' 00" N	80° 41' 42.59" W
Actual BHL, Hinterer Unit 2H 143.4	8949.7			-5394.714228070.12	17271226.2697	10° 32' 04.4" N	80° 42' 53.471" W
BHL (UTM meters)				4,394,216m	526,290m		
				4,386,336m	524,690m		

Scientific Drilling
 1521, September 08 2013
 421 South Eagle Lane
 Oklahoma City, OK

