

4701706189

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FEB 11 2014

WV GEOLOGICAL SURVEY  
MORGANTOWN, WV



Antero Resources  
Doddson Unit 2H  
Doddridge County WV  
Northing: 14270963.81  
Easting: 1688782.57  
As Drilled

**WELL DETAILS: Doddson Unit 2H**

N/S	+E/W	Northing	Ground Level	1148.0
0.0	0.0	14270963.81	Easting	1688782.57
			Latitude	39° 49' 44.285" W
			Longitude	80° 49' 44.285" W
			Spot	

**PROJECT DETAILS: Doddridge County WV**

Geologic System: Universal Transverse Mercator (US Survey Feet)  
Datum: NAD 1983 (NAD83 CONUS)  
Zone: Zone 17N (4 W to 7 W)  
System Datum: Mean Sea Level

**REFERENCE INFORMATION**

Coordinate (N/E) Reference: U.S. Datum Unit 2H - 2014 (As Drilled)  
Datum: NAD 1983 (NAD83 CONUS)  
Zone: Zone 17N (4 W to 7 W)  
System Datum: Mean Sea Level

**POPULATION: TOP DETAILS**

No formation data is available

To convert Magnetic North to Grid, Subtract 8.90°  
To convert True North to Grid, Subtract 0.14°

Adapted to Grid North  
Magnetic Declination: 8.90°  
Magnetic Variation: 0.14°  
Magnetic Year: 2011  
Magnetic Epoch: 100  
Magnetic Rate: 0.00011

**LEGEND**

○ Doddson Unit 2H, Original Wellpath, As Drilled VO  
□ Doddson Unit 2H, Sidetrack 1 Wellpath, Plan 2 ST 1 Rev VO  
■ As Drilled

**DESIGN TARGET DETAILS**

Name	TVD	+N/S	+E/W	Northing	Easting	Latitude	Longitude
SHL Doddson Unit 2H	0.0	0.0	0.0	14270963.81	1688782.57	39° 49' 44.285" W	80° 49' 44.285" W
Actual BHL Doddson Unit 2H	6991.5	-6991.5	2676.01	4264372.33	1691468.52	39° 16' 52.321" N	80° 49' 10.641" W
BHL (UTM meters)			4,350.07m	514,756m			
BHL (UTM meters)			4,348.005m	515,575m			

