

4701706187

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FEB 11 2014



Antero Resources
 Dotson Unit 1H
 Doddridge County WV
 Northing: 14270966.97
 Easting: 1688792.51
 As Drilled

WELL DETAILS: Dotson Unit 1H

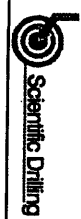
AN/S	+E/W	Northing	Ground Level	1149.0	Longitude
0.0	0.0	14270966.97	Easting	1688792.5139° 17° 57.578' N80° 49' 44.400' W	0.0
Soil					

REFERENCE INFORMATION

Confident (NAD 83) coordinates are provided in UTM Zone 18Q. The coordinates are based on the datum of the original survey. The coordinates are based on the datum of the original survey. The coordinates are based on the datum of the original survey.

PROJECT DETAILS: Doddridge County, WV

Geodetic System: Universal Transverse Mercator (US Survey Feet)
 Datum: NAD 83 (FADUCON CONUS)
 Ellipsoid: GRS 80
 Zone: Zone 17N (84 W to 78 W)
 System Datum: Mean Sea Level



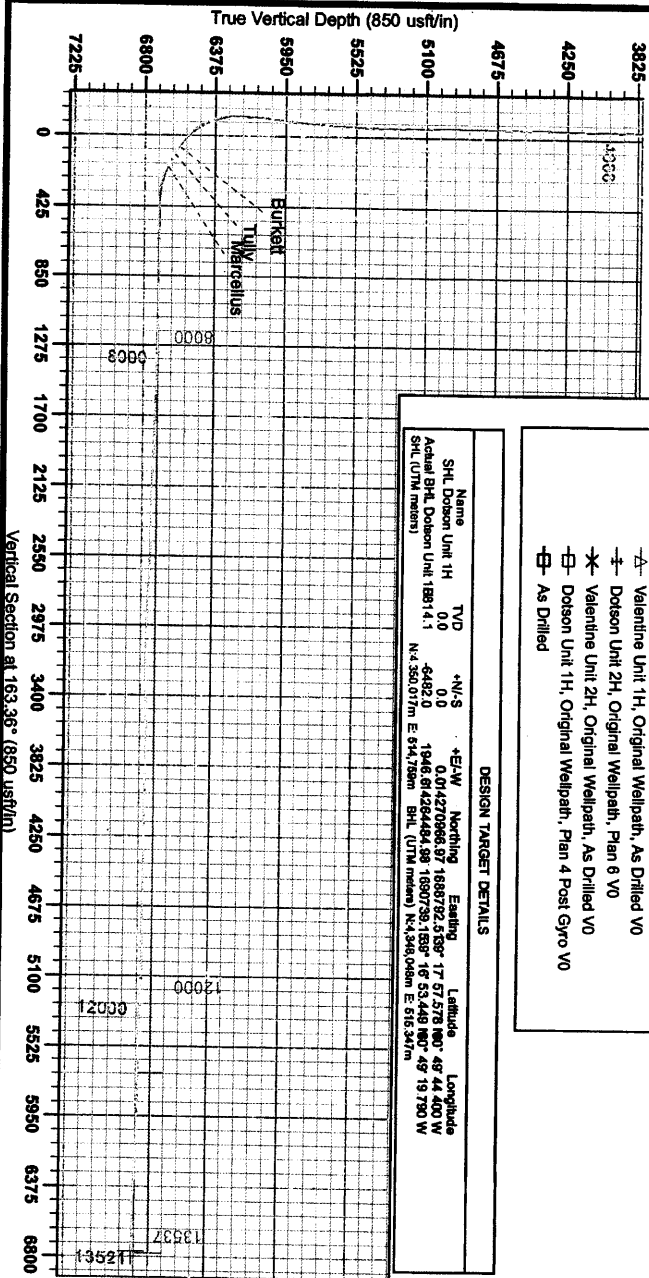
LEGEND

- ▲- Valentine Unit 1H, Original Wellpath, As Drilled V0
- + Dotson Unit 2H, Original Wellpath, Plan 6 V0
- * Valentine Unit 2H, Original Wellpath, As Drilled V0
- Dotson Unit 1H, Original Wellpath, Plan 4 Post Gyro V0
- As Drilled

14:53, September 09 2013
 Scientific Drilling
 421 South Eagle Lane
 Oklahoma City, OK

DESIGN TARGET DETAILS

Name	TVD	AN/S	+E/W	Northing	Easting	Latitude	Longitude
SHL Dotson Unit 1H	0.0	0.0	0.0	14270966.97	1688792.5139°	17° 57.578' N80° 49' 44.400' W	1688792.5139° 17° 57.578' N80° 49' 44.400' W
Actual BHL Dotson Unit 1H	4.1	0.0	0.0	14270966.97	1688792.5139°	17° 57.578' N80° 49' 44.400' W	1688792.5139° 17° 57.578' N80° 49' 44.400' W
BHL (UTM means)		N=4350.017m	E=514.720m	BHL (UTM means)	N=4350.017m	E=514.720m	BHL (UTM means)



WV GEOLOGICAL SURVEY
 Morgantown, WV

Admits to Grid North
 True North: 0-11°
 Magnetic North: -8.67°
 Magnetic Field
 Strength: 0.50 Gauss
 Dip Angle: 66.57°
 Date: 08/20/13
 Model: IGRF2010

