

(\*) Denotes Location of Well on United States Topographical Maps

Bearing	Distance
L1	S 75°30' E 855.5'
L2	S 77°57' W 1,610.8'
L3	N 22°36' E 1,443.7'
L4	N 41°20' E 449.1'
L5	N 89°19' E 940.3'



I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

*Bradley D. Miller*  
Bradley D. Miller, P.S. 2167



**Legend**

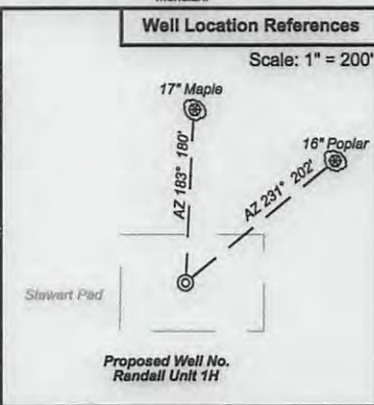
- ⊙ Proposed gas well
- ⊕ Found Monument (as noted)
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- Ⓢ County Routes

Detail Not to Scale

Triplet Unit 1H	Triplet Unit 2H
Swiger Unit 1H	Swiger Unit 2H
Randall Unit 1H	Randall Unit 2H
Dorothy Unit 1H	Dorothy Unit 2H
Cross Unit 1H	Cross Unit 2H

S 90°00' E 10.0'

**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Randall Unit 1H Top Hole coordinates are  
N: 252,912.76' Latitude: 39°11'18.78"  
E: 1,670,765.02' Longitude: 80°39'41.62"  
Bottom Hole coordinates are  
N: 242,174.48' Latitude: 39°09'33.16"  
E: 1,674,797.39' Longitude: 80°38'48.67"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,337,764.931 m N: 4,334,514.042 m  
E: 529,243.418 m E: 530,526.436 m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.



FILE NO: 74-30-NM-13  
DRAWING NO: 74-13 Randall 1H Well  
SCALE: 1" = 1500'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: WV DOT, Bridgeport, WV

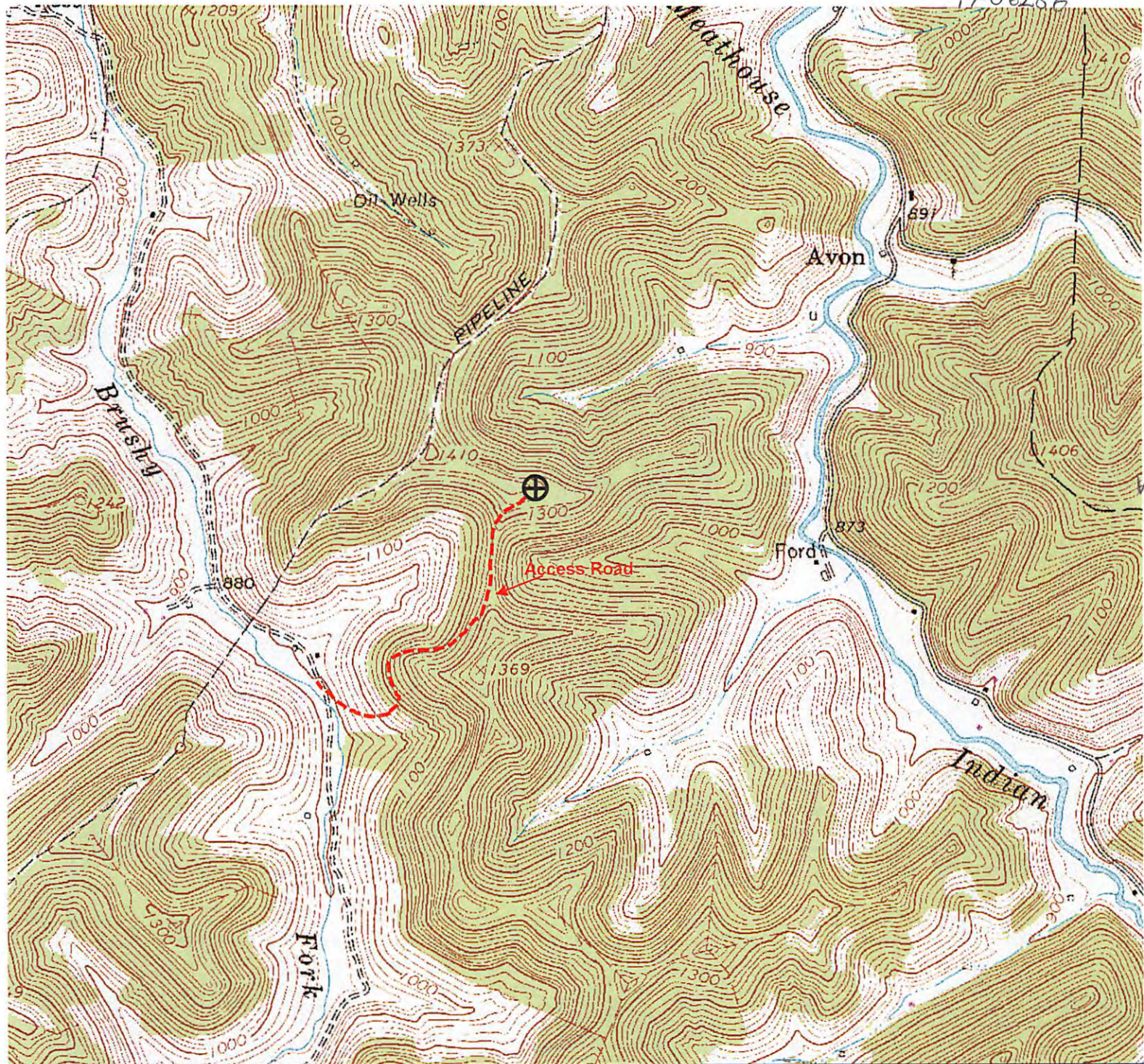
**STATE OF WEST VIRGINIA**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: May 15 2013  
OPERATOR'S WELL NO. Randall Unit 1H  
API WELL NO  
47 - 017 - 06286 H6A  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 1332' WATERSHED: Indian Fork QUADRANGLE: New Milton  
DISTRICT: New Milton COUNTY: Doddridge 363;  
SURFACE OWNER: Randall & Carolyn S. Stewart ACREAGE: 105.1 108; 31;  
ROYALTY OWNER: French H. Cox; Randall P. Stewart, et al; Joyce A. Shaw Nazelrod, et al LEASE NO: 22063; ARAC-Nicholson ACREAGE: 141.46; 195; 384; 150  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,400' TVD  
19,200' MD

WELL OPERATOR: Antero Resources Appalachian Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
ADDRESS: 1625 17th Street ADDRESS: 5400 D Big Tyler Road  
Denver, CO 80202 Charleston, WV 25313

**08/16/2013**



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Received  
Office of Oil & Gas

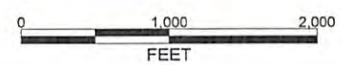
MAY 23 2013

**Antero Resources**

Appalachian Basin

Randall Unit 1H

Doddridge County



**REMARKS**

Quadrangle: New Milton  
Watershed: Toms Fork Meathouse Fork  
District: New Milton

March 18, 2013