

5,671' to Bottom Hole

10,443' to Top Hole

LATITUDE 39 - 12 - 30

LONGITUDE 80 - 37 - 30

Note: It appears 0 (Zero) water wells were found within 2000' of proposed well.

Scale: 1" = 2000'

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

Bearing	Distance
L1 S 75°40' E	865.2'
L2 S 77°53' W	1,601.1'
L3 N 22°58' E	1,447.5'
L4 N 42°17' E	455.7'
L5 N 86°09' E	1,593.1'

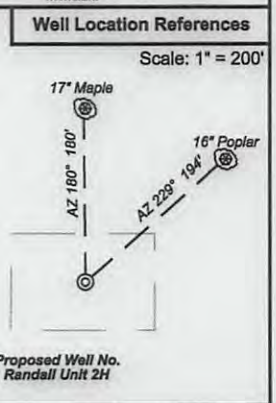
Tag	TMPAR	OWNER	BK / PG	AC.
1	16/1	Shirley L. Devericks & William R. Cox	AB 24 / 28	73.387
2	16/2	Michael B. Duffelmeyer	WB 42 / 316	120.400
3	16/8	Virginia L. Nicholson	WB 25 / 273	43.600
4	16/17.1	Edward L. & Connie Lee Cumpston	281 / 355	29.410
5	16/17.3	John D. & Deborah Cumpston	232 / 127	32.000
6	16/17.4	Ronald E. & Trannis A. Smith	232 / 129	8.190
7	16/21	Brooks Jay Gum	131 / 218	72.000
8	20/8	James Devericks, et al	131 / 11	31.100
9	20/7	Mary Barile Merandi & Paul Lister (Mountain Link Associates)	288 / 131	13.000
10	20/12	Berry Properties, LLC	256 / 55	39.500
11	20/24.1	Darrell E. Reed, Jr.	261 / 662	2.000
12	20/25	James F. Furby & Hannah A. Hutson	305 / 867	45.500

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Randall Unit 2H Top Hole coordinates are
N: 252,912.76' Latitude: 39°11'18.78"
E: 1,670,775.02' Longitude: 80°39'41.49"
Bottom Hole coordinates are
N: 241,956.30' Latitude: 39°09'31.10"
E: 1,675,548.92' Longitude: 80°38'39.12"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,337,764.982 m N: 4,334,451.384 m
E: 529,246.465 m E: 530,755.690 m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.



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

Tripel Unit 1H	Swiger Unit 1H	Swiger Unit 2H	Randall Unit 1H	Randall Unit 2H	Dorothy Unit 1H	Dorothy Unit 2H	Cross Unit 1H	Cross Unit 2H
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S 90°00' E 10.0'

FILE NO: 74-30-NM-13
DRAWING NO: 74-13 Randall 2H Well
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

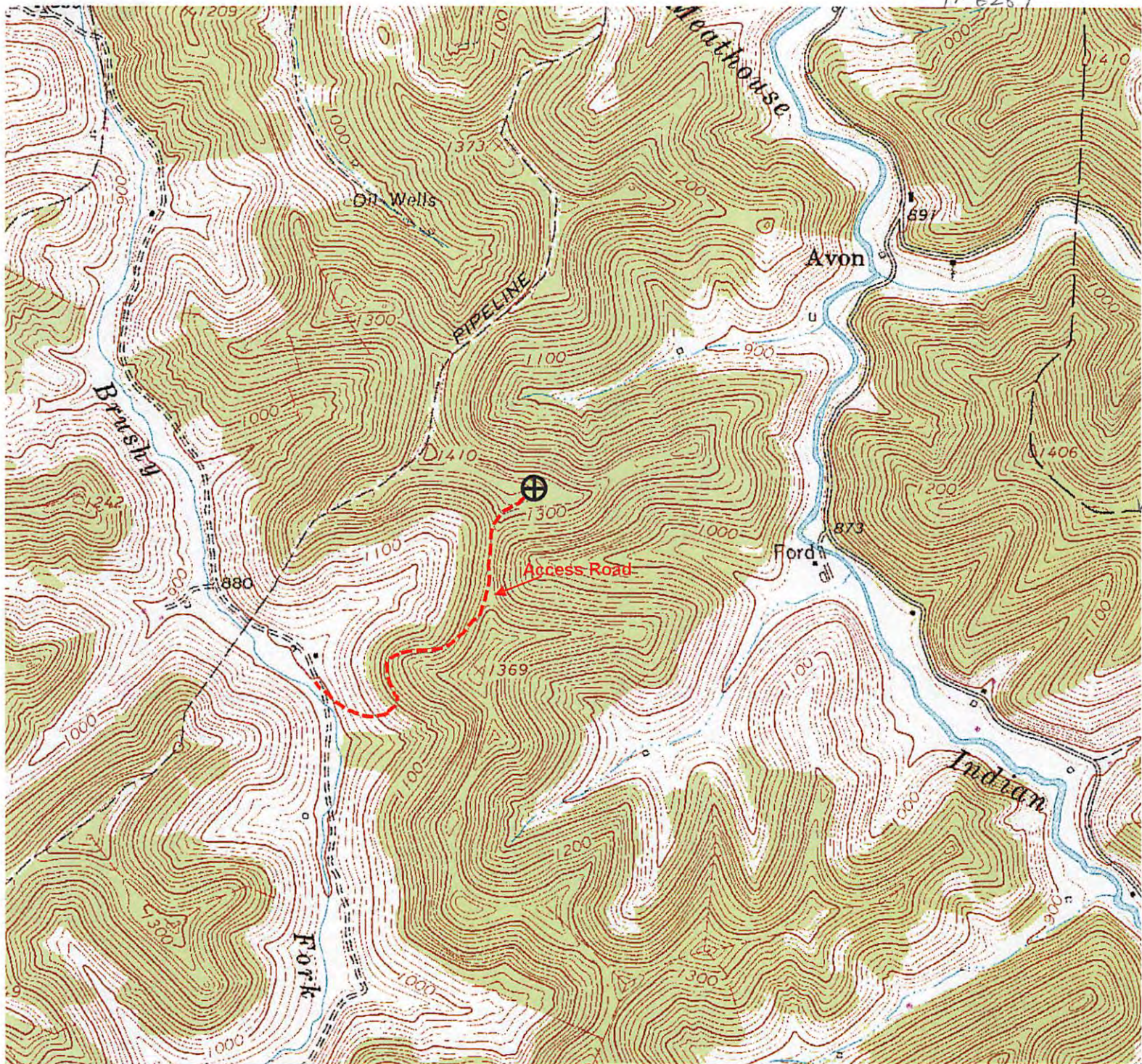
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: May 15 2013
OPERATOR'S WELL NO. Randall Unit 2H
API WELL NO
47 - 017 - 6287H6A
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 112;
SURFACE OWNER: Randall & Carolyn S. Stewart O.J. Herrod, et ux; Earl Gum, et al; ARAC-Earl Gum 2-20-26, 26.1, 26.2, 26.3; Robert E. Nicholson, Jr.; ARAC-Nicholson 6-20-11, 24, p/o 12, p/o 24.1; ARAC-6-16-18; ARAC-Stewart 6-16-11, 12, 13; ACREAGE: 105.1 108; 363; 87.01;
ROYALTY OWNER: French H. Cox; Randall P. Stewart, et al; Joyce A. Shaw Nazelrod, et al Ed Broome, Inc; A. Rosalie Clark; ARAC-6-16-3; ARAC-6-16-20; 22059 & 22060; LEASE NO: ARAC-Herrod 6-20-23 ACREAGE: 256; 141.46; 195; 384
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 19,500' 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

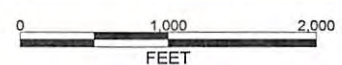
MAY 23 2013

Antero Resources

Appalachian Basin

Randall Unit 2H

Doddridge County



REMARKS

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

March 18, 2013