

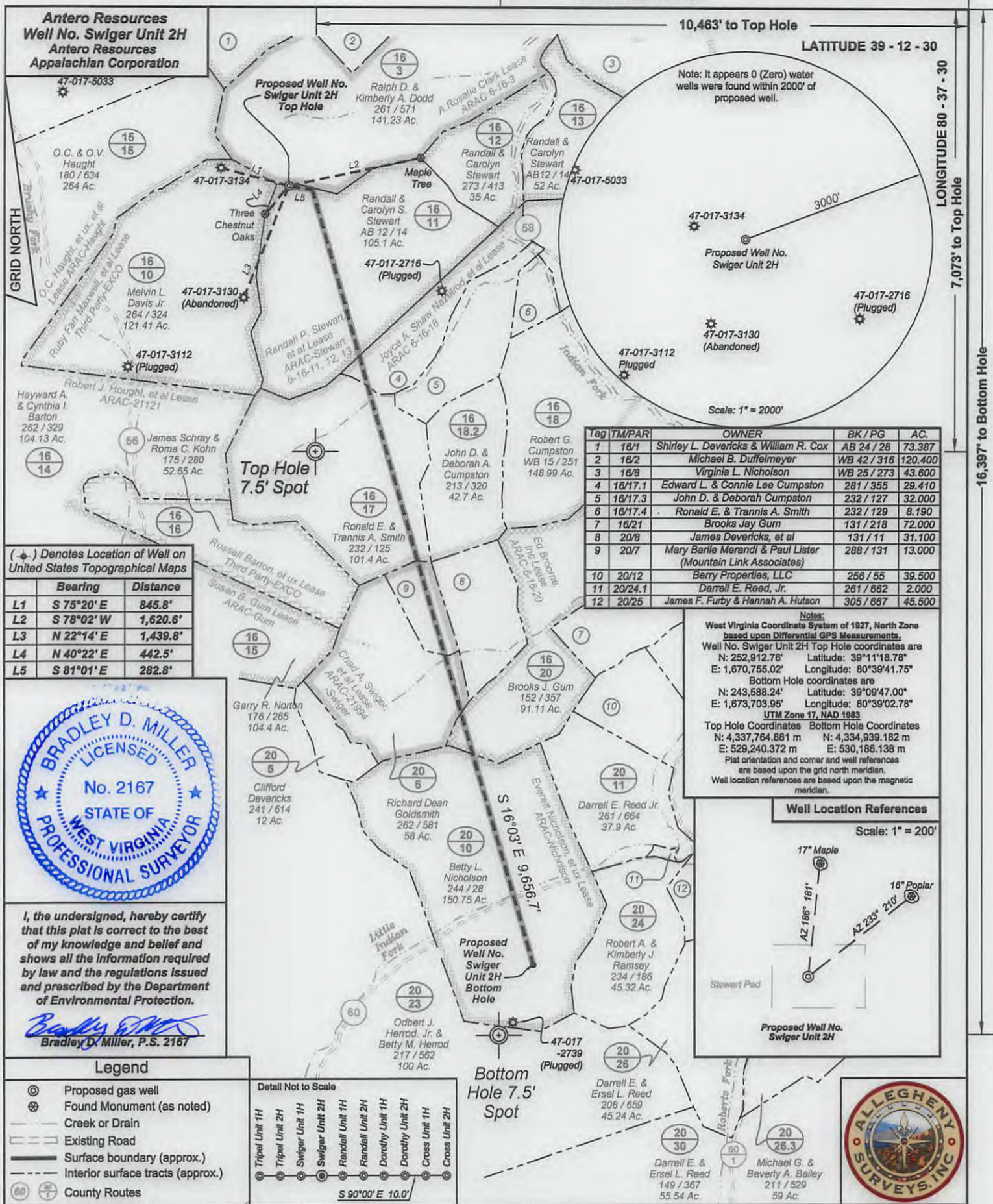
7,514' to Bottom Hole

10,463' to Top Hole

LATITUDE 39 - 12 - 30

LONGITUDE 80 - 37 - 30

16,397' to Bottom Hole



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

Scale: 1" = 2000'

Tag	TM/PAR	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	43.800
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 Barle Merandi & Paul Lister (Mountain Link Associates)	288 / 131	13.000
10	20/12	Berry Properties, LLC	258 / 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 / 667	45.500

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

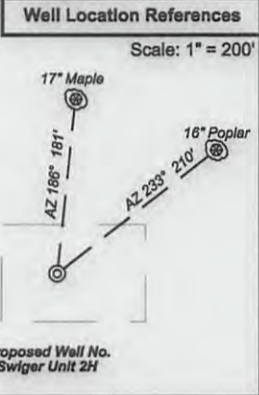
	Bearing	Distance
L1	S 75°20' E	845.8'
L2	S 78°02' W	1,620.6'
L3	N 22°14' E	1,439.8'
L4	N 40°22' E	442.5'
L5	S 81°01' E	282.8'

Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Swiger Unit 2H Top Hole coordinates are
 N: 252,912.76' Latitude: 39°11'18.78"
 E: 1,670,755.02' Longitude: 80°39'41.75"
 Bottom Hole coordinates are
 N: 243,588.24' Latitude: 39°09'47.00"
 E: 1,673,703.95' Longitude: 80°39'02.78"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,337,764.881 m N: 4,334,939.182 m
 E: 529,240.372 m E: 530,186.138 m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.



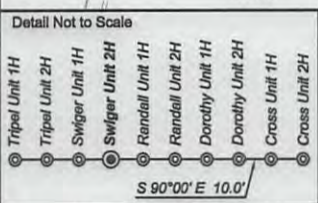
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

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



FILE NO: 78-30-NM-13
 DRAWING NO: 78-13 Swiger 2H Well
 SCALE: 1" = 1500'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

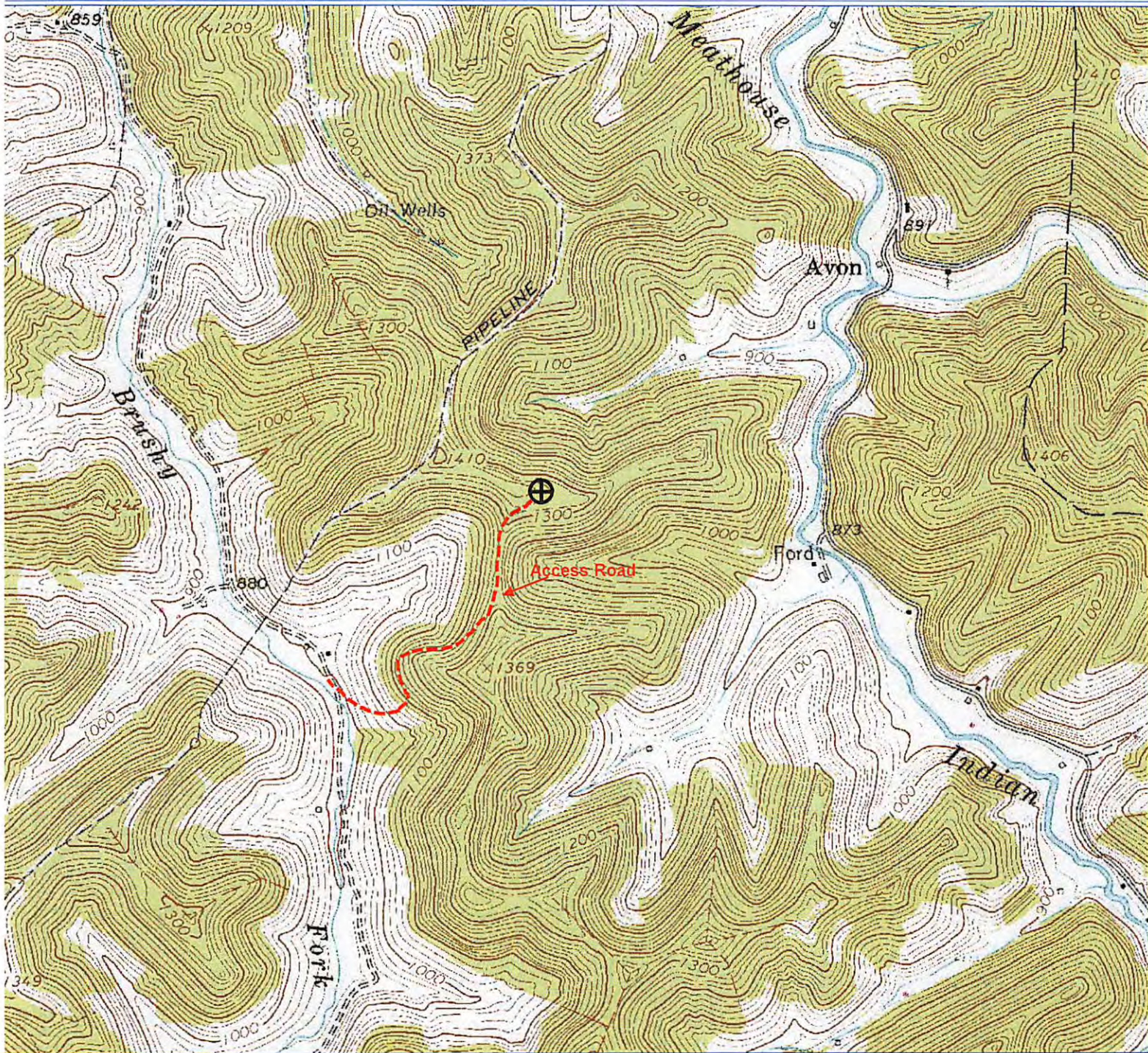
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: April 26 2013
 OPERATOR'S WELL NO. Swiger Unit 2H
 API WELL NO
 47 - 017 - 6283H6A
 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
 SURFACE OWNER: Randall & Carolyn S. Stewart Ed Broome, Inc; ARAC-21994-Swiger; ARAC-6-16-20; ARAC-Stewart 6-16-11,12,13; ACREAGE: 105.1 - 87.01;
 ROYALTY OWNER: Randall P. Stewart, et al; Joyce A. Shaw Nazelrod, et al LEASE NO: ARAC-Nicholson ACREAGE: 69.54; 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 17,400' 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 21 2013

Antero Resources

Appalachian Basin

Swiger Unit 2H

Doddridge County



REMARKS

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

March 18, 2013

08/16/2013