

No.	TM/Par	Owner	Bk/Pg	Acres
1	5/10	Tina B. Tucker	260 / 65	3.61
2	9/14.1	Louis Bruno, Jr.	263 / 479	10.5
3	3/13.1	Peter C. McDonald	243 / 382	43.25



Notes:  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Singleton Unit 1H Top Hole coordinates are  
 N: 275,102.18' Latitude: 39°14'58.20"  
 E: 1,671,645.83' Longitude: 80°39'34.07"  
 Bottom Hole coordinates are  
 N: 265,604.77' Latitude: 39°13'24.58"  
 E: 1,673,556.58' Longitude: 80°39'08.24"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,344,529.391m N: 4,341,645.726m  
 E: 529,399.008m E: 530,029.388m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

Wellhead Layout  
 Detail Not to Scale

	Bearing	Dist
L1	S 79°45' W	944.7'
L2	N 28°46' E	439.2'
L3	N 03°24' E	626.8'
L4	S 45°05' W	683.0'
L5	S 29°36' W	343.8'



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 rules issued and prescribed by the Department of Environmental Protection.

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

FILE NO: 250-36-NM-13  
 DRAWING NO: 250-13 Singleton 1H Well Plat  
 SCALE: 1" = 1200'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

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

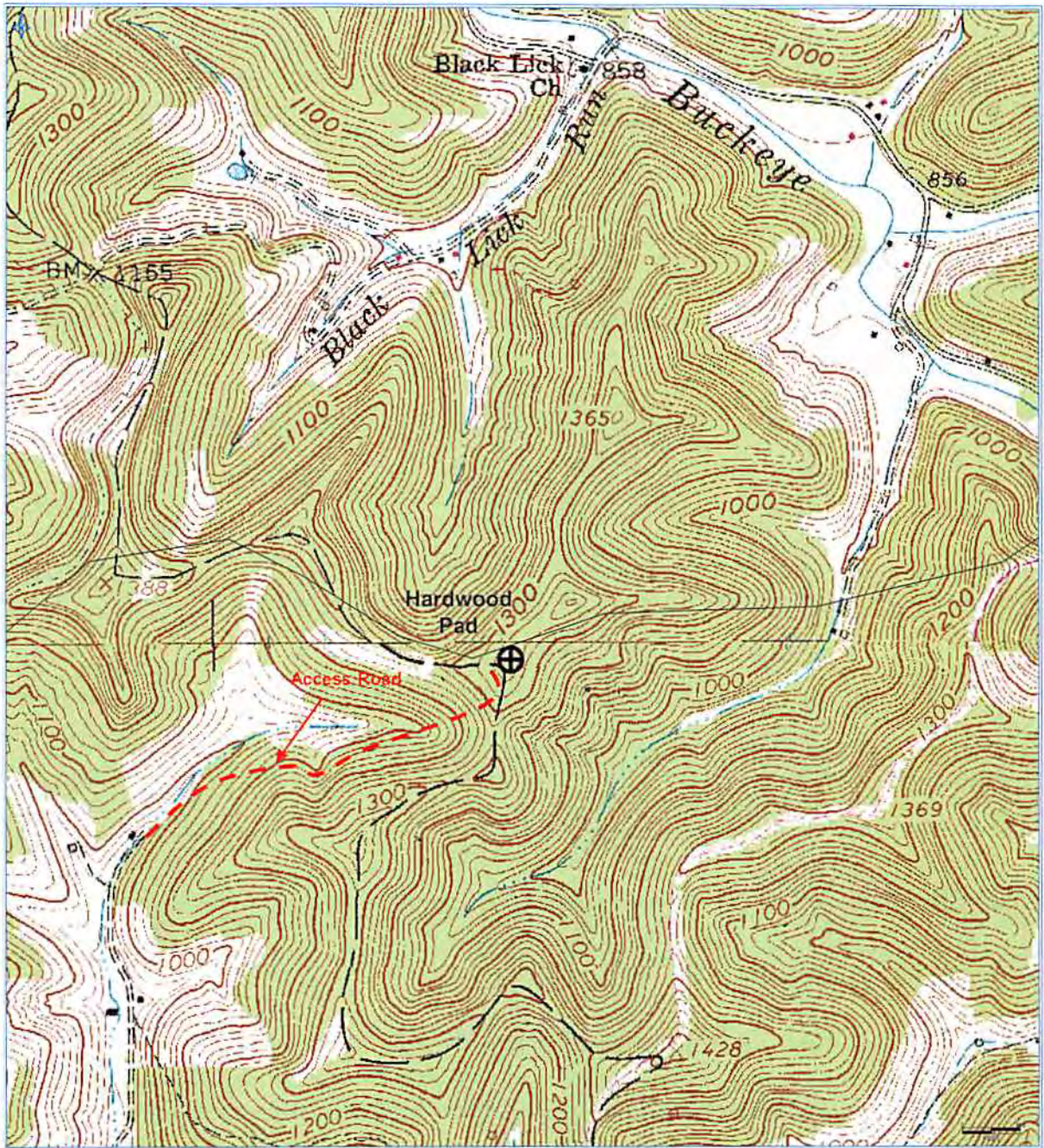
DATE: August 27 2014  
 OPERATOR'S WELL NO. Singleton Unit 1H  
 API WELL NO. 47-017-01627  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1334' WATERSHED: Wolfpen Run of Meathouse Fork QUADRANGLE: New Milton  
 DISTRICT: Greenbrier and New Milton Dortha Riggelman, heir of M.D. Barnett, Julie B. Sharp, and Helen Sharp; COUNTY: Doddridge  
 SURFACE OWNER: Sperry Hardwoods Inc. Ruth E. Staufenberg, et vir, et al; Mary Farr Secrist, Mem. of Oil & Gas (2); ACREAGE: 147.83 3.702; 118;  
 ROYALTY OWNER: Bernard F. Greathouse, et al A.I.F. for the est. of A.M. Greathouse; Mary Farr Secrist LEASE NO: ACREAGE: 43.25; 52.51; 154  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,500' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 17,800' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamber - CT Corporation System  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
 Denver, CO 80202 Charleston, WV 25313

10/31/2014





Received

SEP 19 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

**Antero Resources Corporation**

Appalachian Basin  
Singleton Unit 1H  
Doddridge County

Quadrangle: West Union  
Watershed: Buckeye Creek  
District: Greenbrier  
Date: 01/03/2014