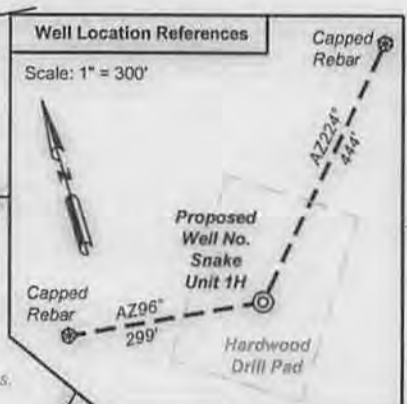


**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Snake Unit 1H Top Hole coordinates are  
N: 275,117.61' Latitude: 39°14'58.36"  
E: 1,671,658.56' Longitude: 80°39'33.91"  
Bottom Hole coordinates are  
N: 265,861.26' Latitude: 39°13'27.27"  
E: 1,674,822.56' Longitude: 80°38'52.19"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,344,534.156m N: 4,341,730.302m  
E: 529,402,808m E: 530,413,770m  
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 rules issued and prescribed by the Department of Environmental Protection.**

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



- Legend**
- ⊙ Proposed gas well
  - ⊛ Found corner, as noted
  - Creek or Drain
  - Existing Road
  - Surface boundary (approx.)
  - Interior surface tracts (approx.)
  - District Line



	Bearing	Dist.
L1	N 73°27' E	330.8'
L2	N 29°14' E	458.9'
L3	N 04°27' E	643.1'
L4	S 45°15' W	663.1'
L5	S 29°00' W	324.1'

FILE NO: 75-30-NM-13  
DRAWING NO: 75-13 Snake 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: June 19 2014  
OPERATOR'S WELL NO. Snake Unit 1H  
API WELL NO. **H6A**  
47 - 017 - **06579**  
STATE COUNTY PERMIT

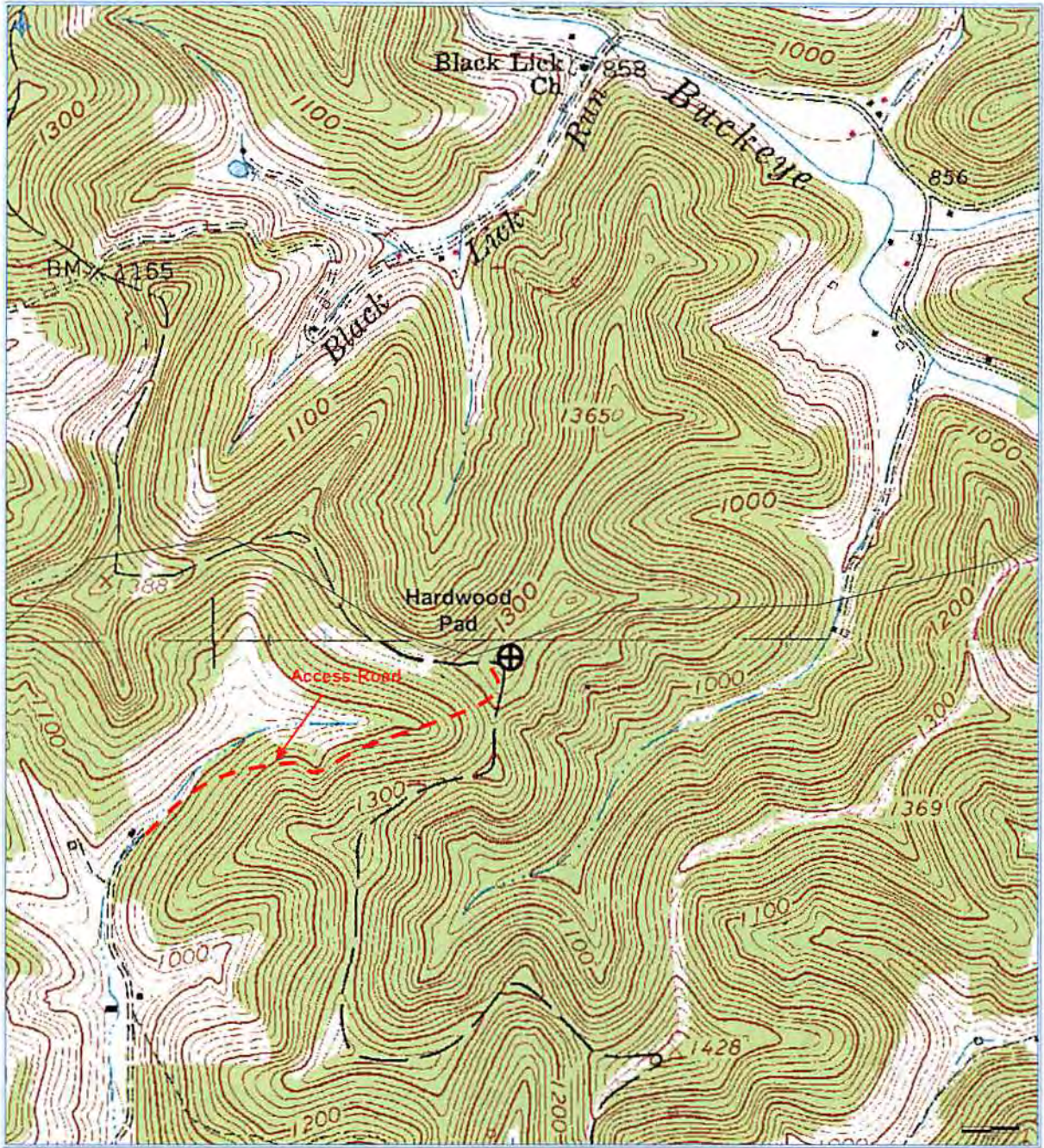
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 1334' WATERSHED: Wolfpen Run of Meathouse Fork QUADRANGLE: New Milton  
DISTRICT: Greenbrier Ruth E. Staufenberg, et vir, et al; Melodie Lea Jones COUNTY: Doddridge 32.7375  
SURFACE OWNER: Sperry Hardwoods Inc. Mike Ross, Inc., Memorandum of Oil & Gas Lease ACREAGE: 147.83 153.433  
ROYALTY OWNER: Carolyn E. Farr, Clarence E. Sigley, Sr., Trustee; Ralph Moats, et al LEASE NO: ACREAGE: 69.75; 154; 33.14 100; 25  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,600' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 17,900' MD

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

10/31/2014



4701706579



**Antero Resources Corporation**  
Appalachian Basin  
Snake Unit 1H  
Doddridge County  
Quadrangle: West Union  
Watershed: Buckeye Creek  
District: Greenbrier  
Date: 01/03/2014

Received

AUG 21 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection