

Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Snake Unit 3H Top Hole coordinates are
 N: 275,133.04' Latitude: 39°14'58.51"
 E: 1,671,671.28' Longitude: 80°39'33.75"
 Bottom Hole coordinates are
 N: 266,146.56' Latitude: 39°13'30.25"
 E: 1,676,079.77' Longitude: 80°38'36.26"
UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,344,538.922m N: 4,341,823.611m
 E: 529,406.604m E: 530,795.334m
 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

BRADLEY D. MILLER
 LICENSED
 No. 2167
 STATE OF WEST VIRGINIA
 PROFESSIONAL SURVEYOR
 SEAL

	Bearing	Dist.
L1	N 80°47' E	1,614.6'
L2	N 29°39' E	478.6'
L3	N 05°27' E	659.6'
L4	S 45°26' W	643.2'
L5	S 28°19' W	304.5'

FILE NO: 75-30-NM-13
 DRAWING NO: 75-13 Snake 3H 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

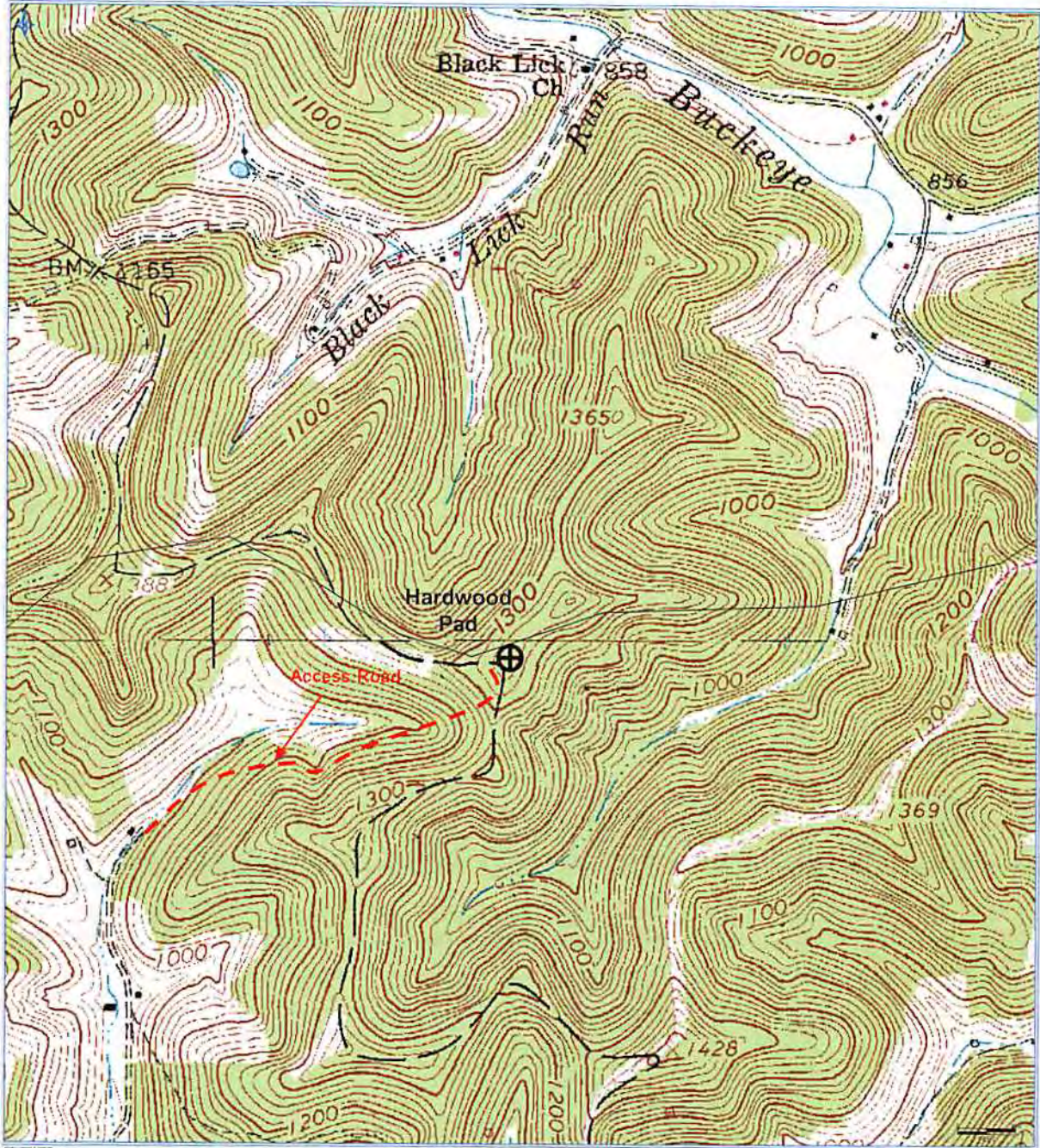
DATE: June 19 2014
 OPERATOR'S WELL NO. Snake Unit 3H
 API WELL NO **NWA**
 47 - 017 - **06881**
 STATE COUNTY PERMIT

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 COUNTY: Doddridge
 SURFACE OWNER: Sperry Hardwoods Inc. Melodie Lea Jones; Mary Mutschelknaus, et vir; Mike Ross, Inc.; Brenda L. Seipler, et vir; ACREAGE: 147.83 32.7375; 38; 64.341; 100; 95;
 ROYALTY OWNER: Carolyn E. Farr, Clarence E. Sigley, Sr., Trustee; Mary K. Baker LEASE NO: 21857 ACREAGE: 154; 48.942; 51.73
 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: 17,800' 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

11/07/2014

4701706581



Antero Resources Corporation
Appalachian Basin
Snake Unit 3H
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