

LATITUDE 39°20'00" 1,554'

4,322' TO BOTTOM HOLE

LATITUDE 39°20'00"

LONGITUDE 80°57'30"

12,248'

LONGITUDE 80°57'30"

Antero Resources Corporation Well No. Bow Unit 1H

WV NORTH ZONE GRID NORTH

NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 294,644ft E: 1,585,757ft
 LAT: 39°17'58.94" LON: 80°57'49.77"
 BOTTOM HOLE INFORMATION:
 N: 301,882ft E: 1,583,106ft
 LAT: 39°19'10.05" LON: 80°58'25.00"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,350,045m E: 503,134m
 BOTTOM HOLE INFORMATION:
 N: 4,352,237m E: 502,289m

JOB # 14-004WA
 DRAWING # BOWUNIT1H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- X- Existing Fence
- ⊕ Found monument, as noted

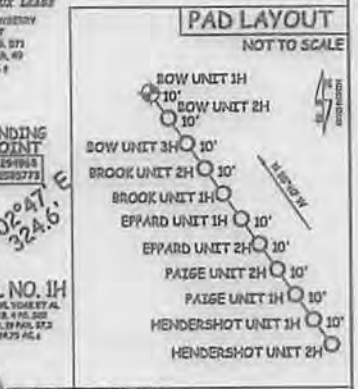
Thomas Summers
 THOMAS SUMMERS P.S. 2109
 DATE 07/24/14
 OPERATOR'S WELL # BOW UNIT #1H

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

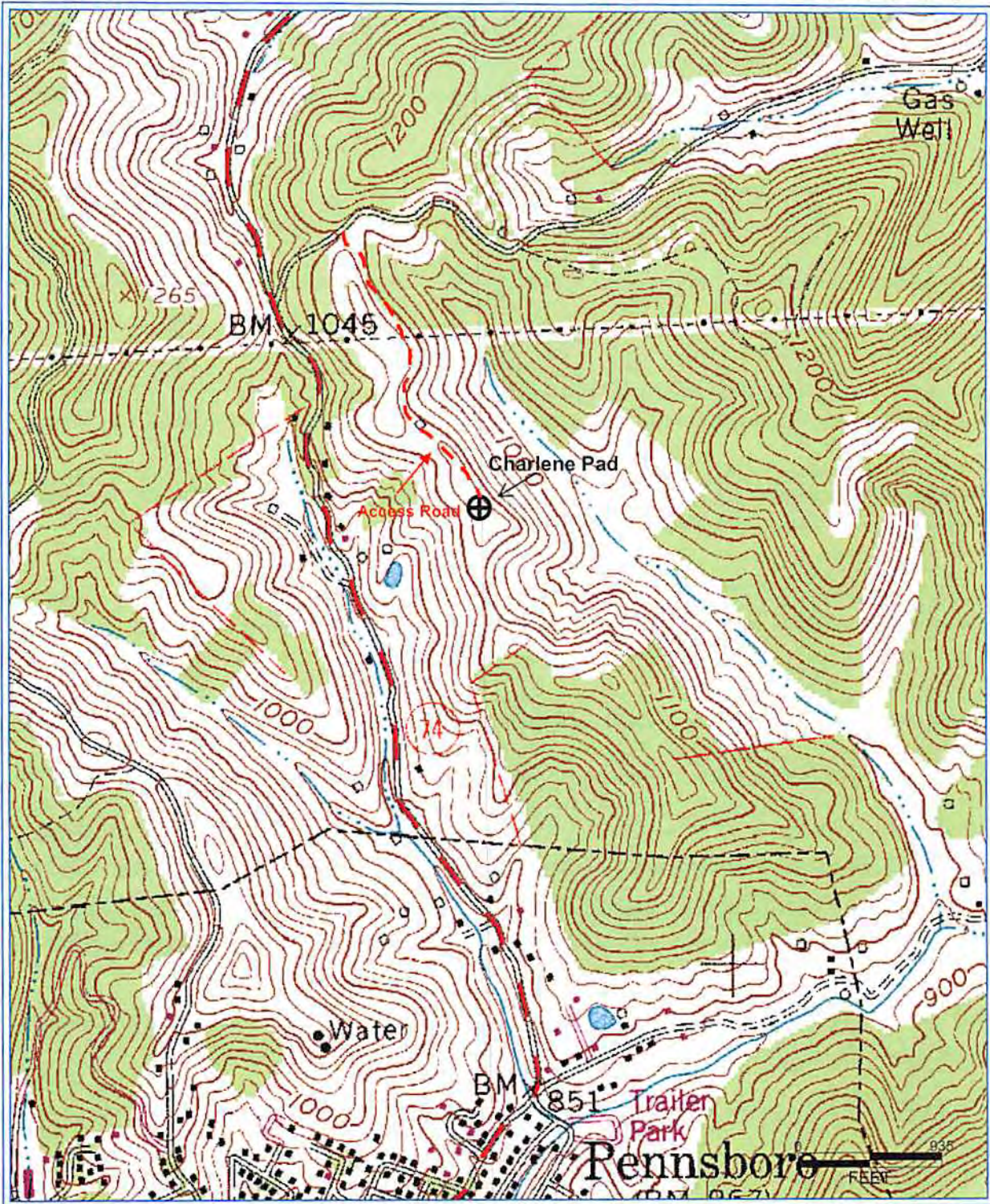
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,117' WATERSHED BUNNELL RUN
 QUADRANGLE PENNSBORO 7.5 DISTRICT CLAY COUNTY RITCHIE
 SURFACE OWNER LINDA C. DEWBERRY TRUST ACREAGE 151 ACRES +/-
 OIL & GAS ROYALTY OWNER J.M. WILSON ET UX; FLOYD W. COLLINS ET UX; JERRY F. DENNING ET UX;
 LISA DAWN SWISHER; LANDO GLENN ROBINSON JR.
 LEASE ACREAGE 700 AC±; 28 AC±; 25 AC±; 94 AC±; 130 AC±
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 14,800' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM-DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



COUNTY NAME PERMIT



09/26/2014



DETRA 8/6/2013 10:20:03 AM

Antero Resources Corporation

Appalachian Basin

Bow Unit 1H

Ritchie County

Quadrangle: Pennsboro

Watershed: North Fork Hughes River

District: Clay

Date: 8-6-2013

RECEIVED
Department of Oil and Gas
8/8/2014
WV Department of
Environmental Protection