

LATITUDE 39°20'00" 1,548'

LATITUDE 39°20'00"

LONGITUDE 80°57'30" 2,366' TO BOTTOM HOLE

LONGITUDE 80°57'30" 12,256'

Antero Resources Corporation
Well No. Bow Unit 2H

GRID NORTH

WY NORTH ZONE

CREED COLLINS ET UX LEASE
ALTA J. LOCCO ET AL
D.A. 182 PG. 776
T.A. 13 PAR. 9
30.90 AC.±

DENNIS B. LAMBERT
W.A. 40 PG. 446
T.A. 13 PAR. 8.1
30.88 AC.±

EMMA SMITH ET AL LEASE

EDDY D. WAGNER ET AL
D.A. 246 PG. 409
T.A. 13 PAR. 29
157.39 AC.±

PENNSBORO BOARD OF PARS
D.A. 128 PG. 304
T.A. 13 PAR. 17
38.79 AC.±

NO OCCUPIED BUILDINGS OR BUILDINGS TWO THOUSAND
PIRE HEMLOCK 12 INCH SQUARE POST OR LARGER USED TO
MARK OR SHELTER DAILY CATTLE OR POULTRY HUSBANDRY
ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625)
FEET OF THE CENTER OF THE WELL PAD.

NOTES:

WELL 2H TOP HOLE INFORMATION:
N: 294,635ft E: 1,585,763ft
LAT: 39°17'58.86" LON: 80°57'49.69"
BOTTOM HOLE INFORMATION:
N: 304,571ft E: 1,583,141ft
LAT: 39°19'36.62" LON: 80°58'25.12"
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 2H TOP HOLE INFORMATION:
N: 4,350,043m E: 503,136m
BOTTOM HOLE INFORMATION:
N: 4,353,056m E: 502,286m

JOB # 14-004WA
DRAWING # BOWUNIT2H
SCALE 1" = 1000'
MINIMUM DEGREE OF
ACCURACY SUBMETER
PROVEN SOURCE OF ELEV.
SUBMETER MAPPING GRADE GPS

LEGEND

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

THOMAS SUMMERS P.S. 2109

DATE 07/24/14

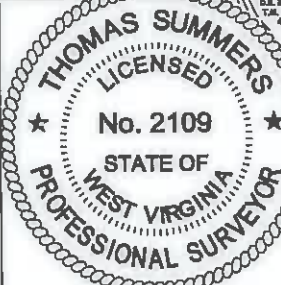
OPERATOR'S WELL # BOW UNIT #2H

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



API WELL # 47 - 085 - 10157 H6A

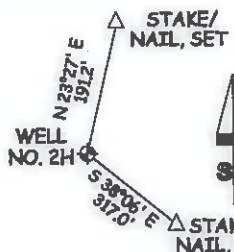
STATE COUNTY PERMIT
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,117' WATERSHED BUNNELL RUN
QUADRANGLE PENNSBORO 7.5 DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER LINDA C. DEWBERRY TRUST ACREAGE 151 ACRES +/-
OIL & GAS ROYALTY OWNER J.M. WILSON ET UX; CARTHA COLLINS; FLOYD W. COLLINS ET UX; LISA DAWN SWISHER;
LANDO GLENN ROBINSON JR.; EMMA SMITH ET AL; CREED COLLINS ET UX;

LEASE ACREAGE 700 AC±; 18 AC±; 26 AC±; 94 AC±; 130 AC±; 78 AC±; 104 AC±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 17,200' 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

REFERENCES

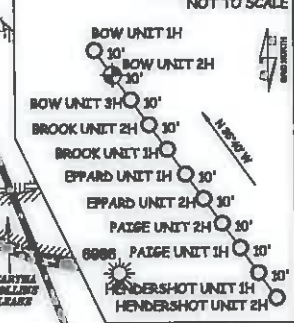


1" = 200'

COUNTY NAME

PERMIT

PAD LAYOUT NOT TO SCALE

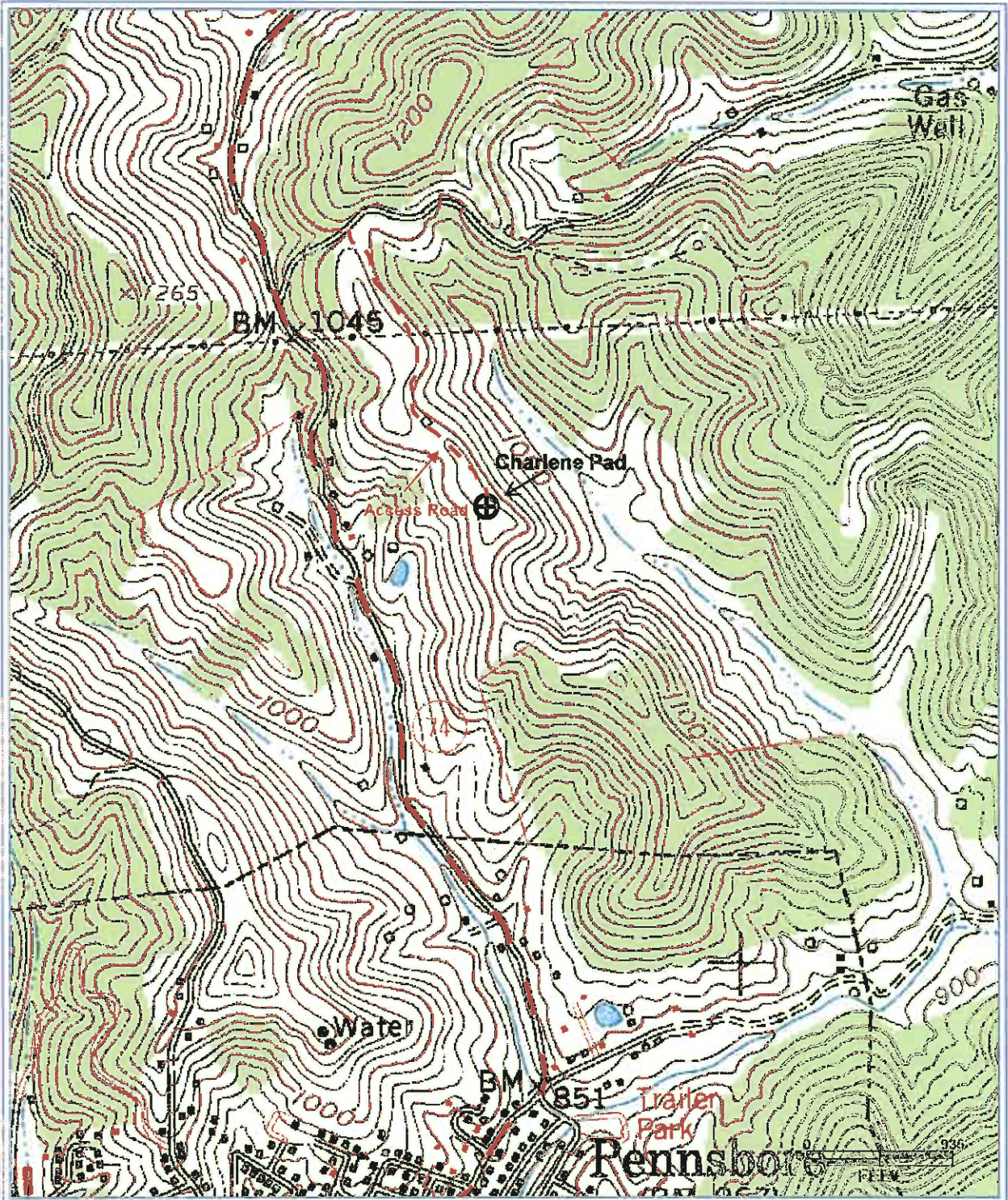


LANDING POINT

J.M. WILSON ET UX LEASE
LINDA C. DEWBERRY TRUST
D.A. 303 PG. 871
T.A. 13 PAR. 49
30 AC.±

10/24/2014

8S-10157



PTTRA RR/2013 10:49:03 AM

Antero Resources Corporation
Appalachian Basin
Bow Unit 2
Ritchie County
Office of Oil and Gas

RECEIVED
AUG 21 2014

WV Department of
Environmental Protection

Quadrangle: Pennsboro
Watershed: Poplarlick Run
District: Clay

10/24/2014