

LATITUDE 39°25'00"

11,473'

4,001' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°52'30"

13,074'

4,760' TO BOTTOM HOLE

LONGITUDE 80°50'00"

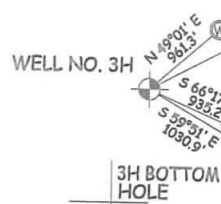
Antero Resources Corporation
Well No. Pierson Unit 3H

CARL W. ASH LEASE
JOSEPH McGRAY
D.B. 352 PG. 440
T.M. 12 PAR. 31
240.81 AC. ±

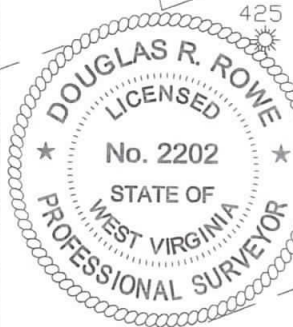
WELL 3H
BOTTOM HOLE

JOSEPH McGRAY
D.B. 352 PG. 440
T.M. 11 PAR. 11.1
61.79 AC. ±

3 WATER WELLS WERE
LOCATED WITHIN 2000'
OF CENTER OF PAD



WV NORTH ZONE
GRID NORTH



MOUNTAINEER LD & TIMBER CO.
D.B. 355 PG. 273
T.M. 11 PAR. 11
65 AC. ±

WILMA J. HOWARD
ET AL
LEASE

MOUNTAINEER LD & TIMBER CO.
D.B. 355 PG. 273
T.M. 12 PAR. 26
210.37 AC. ±

NOTES:
WELL 3H TOP HOLE INFORMATION:
N: 323,764ft E: 1,611,648ft
LAT: 39°22'50.78" LON: 80°52'26.12"
BOTTOM HOLE INFORMATION:
N: 332,144ft E: 1,607,470ft
LAT: 39°24'12.96" LON: 80°53'20.97"
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 3H TOP HOLE INFORMATION:
N: 4,359,049m E: 510,873m
BOTTOM HOLE INFORMATION:
N: 4,361,581m E: 509,558m

- NOTE
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
 2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
 3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
 5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

JOB # 16-043WA
DRAWING # PIERSON3HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND
- - - Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
- - - Proposed Well Path
- - - As Drilled Well Path

DOUGLAS R. ROWE P.S. 2202

DATE 08/29/2018

OPERATOR'S WELL # PIERSON UNIT #3H

API WELL # 47 - 095 - 02415

STATE COUNTY PERMIT

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 REGULATIONS 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 DEPT. OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,009' - AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE SHIRLEY 7.5' (TH) MIDDLEBOURNE 7.5' (BH) DISTRICT CENTERVILLE COUNTY TYLER

SURFACE OWNER GARY D. DAWSON ET UX ACREAGE 104.27 ACRES +/-
OIL & GAS ROYALTY OWNER GARY D. DAWSON ET UX; COASTAL FOREST RESOURCES CO.; LEASE ACREAGE 104.27 AC.±; 108 AC.±;
MARTHA E. GOODEN; KARLA R. SPENCER; WILMA J. HOWARD ET AL; CARL W. ASH 184.95 AC.±; 85.2 AC.±; 239 AC.±; 362.8 AC.±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,451' TVD 16,169' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

PERMIT

PERMIT