

LATITUDE 39°20'00" | 1,275'

LATITUDE 39°20'00" | 7,386' TO BOTTOM HOLE

6,949'

15,079' TO BOTTOM HOLE

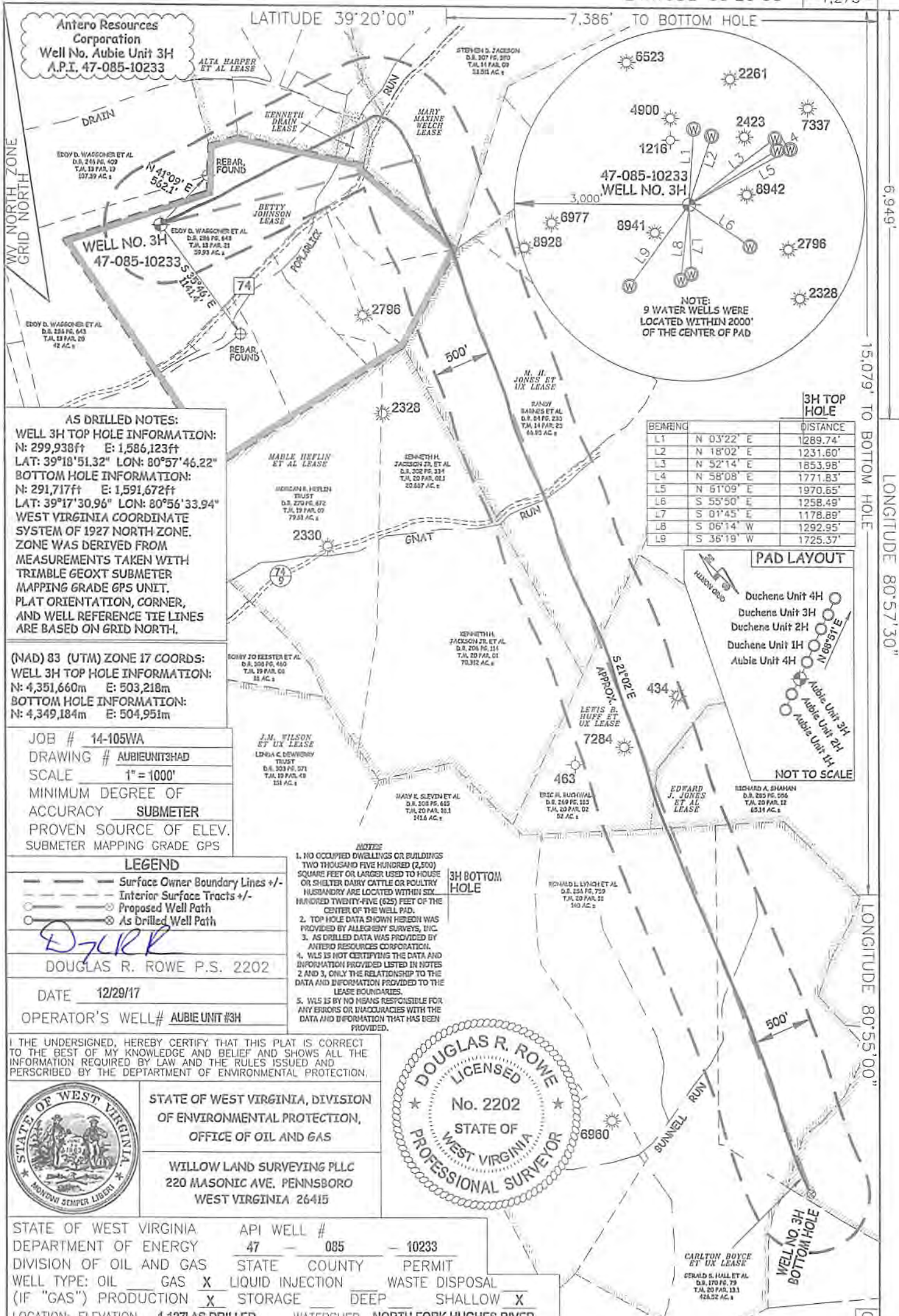
LONGITUDE 80°57'30"

LONGITUDE 80°55'00"

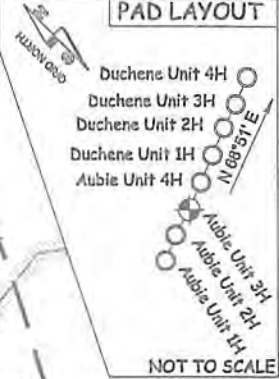
COUNTY NAME

PERMIT

Antero Resources Corporation
Well No. Aubie Unit 3H
A.P.I. 47-085-10233



BEARING	DISTANCE
L1	N 03°22' E 1289.74'
L2	N 18°02' E 1231.60'
L3	N 52°14' E 1853.98'
L4	N 58°08' E 1771.83'
L5	N 61°09' E 1970.65'
L6	S 55°50' E 1258.49'
L7	S 01°45' E 1178.89'
L8	S 06°14' W 1292.95'
L9	S 36°19' W 1725.37'



AS DRILLED NOTES:
WELL 3H TOP HOLE INFORMATION:
 N: 299,938ft E: 1,586,123ft
 LAT: 39°18'51.32" LON: 80°57'46.22"
BOTTOM HOLE INFORMATION:
 N: 291,717ft E: 1,591,672ft
 LAT: 39°17'30.96" LON: 80°56'33.94"
 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: 4,351,660m E: 503,218m
BOTTOM HOLE INFORMATION:
 N: 4,349,184m E: 504,951m

JOB # 14-105WA
 DRAWING # AUBIEUNIT3HAD
 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

DJR
 DOUGLAS R. ROWE P.S. 2202
 DATE 12/29/17
 OPERATOR'S WELL # AUBIE UNIT #3H

- NOTES**
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.



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 1,127' AS DRILLED WATERSHED NORTH FORK HUGHES RIVER
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
 SURFACE OWNER EDDY D. WAGGONER ET AL ACREAGE 59.93 ACRES +/-
 OIL & GAS ROYALTY OWNER BETTY JOHNSON; ALTA HARPER ET AL; KENNETH DRAIN; MARY MAXINE WELCH; M. H. JONES ET UX;
 LEWIS B. HUFF ET UX; EDWARD J. JONES ET AL; J.M. WILSON ET UX; CARLTON BOYCE ET UX

LEASE ACREAGE 130 AC±; 112 AC±; 1.82 AC±; 163 AC±; 200 AC±; 52 ACRES±; 73 ACRES±; 700 ACRES±; 201 ACRES±
 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
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,423' TVD 16,479' 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

09/07/2018