

LATITUDE 39°20'00"

6,823'

3,346' TO BOTTOM HOLE
LATITUDE 39°20'00"

LONGITUD 80°52'30"

04/26/2019

LONGITUD 80°52'30"

13,889' TO BOTTOM HOLE

COUNTY NAME

PERMIT

Antero Resources Corporation
Well No. Trust Unit 2H

WELL NO. 2H

WV NORTH ZONE
GRID NORTH

PAD LAYOUT
NOT TO SCALE

- NILEY UNIT 3H
- NILEY UNIT 2H
- NILEY UNIT 1H
- STRONSNIDER UNIT 3H
- STRONSNIDER UNIT 2H
- STRONSNIDER UNIT 1H
- TRUST UNIT 2H
- TRUST UNIT 1H
- PENNY UNIT 3H
- PENNY UNIT 2H
- PENNY UNIT 1H

- NOTES
- 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.
 - TOP HOLE DATA SHOWN HEREIN WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
 - AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 - 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.
 - WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR DISCREPANCIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

JOB # 15-046WA
DRAWING # TRUST2HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

DOUGLAS R. ROWE P.S. 2202

DATE 11/07/18

OPERATOR'S WELL# TRUST UNIT #2H

LEGEND

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

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.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

API WELL # 47-085-10302
STATE COUNTY PERMIT

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,029' AS BUILT WATERSHED NORTH FORK HUGHES RIVER

QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER EDWIN D. MULVAY ET AL ACREAGE 152.5 ACRES +/-

OIL & GAS ROYALTY OWNER EDWIN DELMAR MULVAY ET AL; CHARLES COSTILOU ET UX; DELLA ROSE KOELLISCH ET VIR; LEASE ACREAGE 152 AC+; 222 AC+; 25 AC+; U. G. GARNER ET AL; BARBARA ANN BASIL; CORRINE CORNARO ET VIR; STEPHEN & CAROLYN TAYLOR; 27 AC+; 18.42 AC+; 27 AC+; 50 AC+; WARREN C. WINANS; STEPHEN GLEN DOAK; HARRY D. WILLIAMSON ET AL 70 AC+; 18.69 AC+; 176 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 6,431' TVD 16,793' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - GT CORPORATION SYSTEM

ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 302,648ft E: 1,604,196ft
LAT: 39°19'20.95" LON: 80°53'56.83"
BOTTOM HOLE INFORMATION:
N: 292,658ft E: 1,607,521ft
LAT: 39°17'42.73" LON: 80°53'12.56"
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: 4,352,578m E: 508,710m
BOTTOM HOLE INFORMATION:
N: 4,349,551m E: 509,774m

