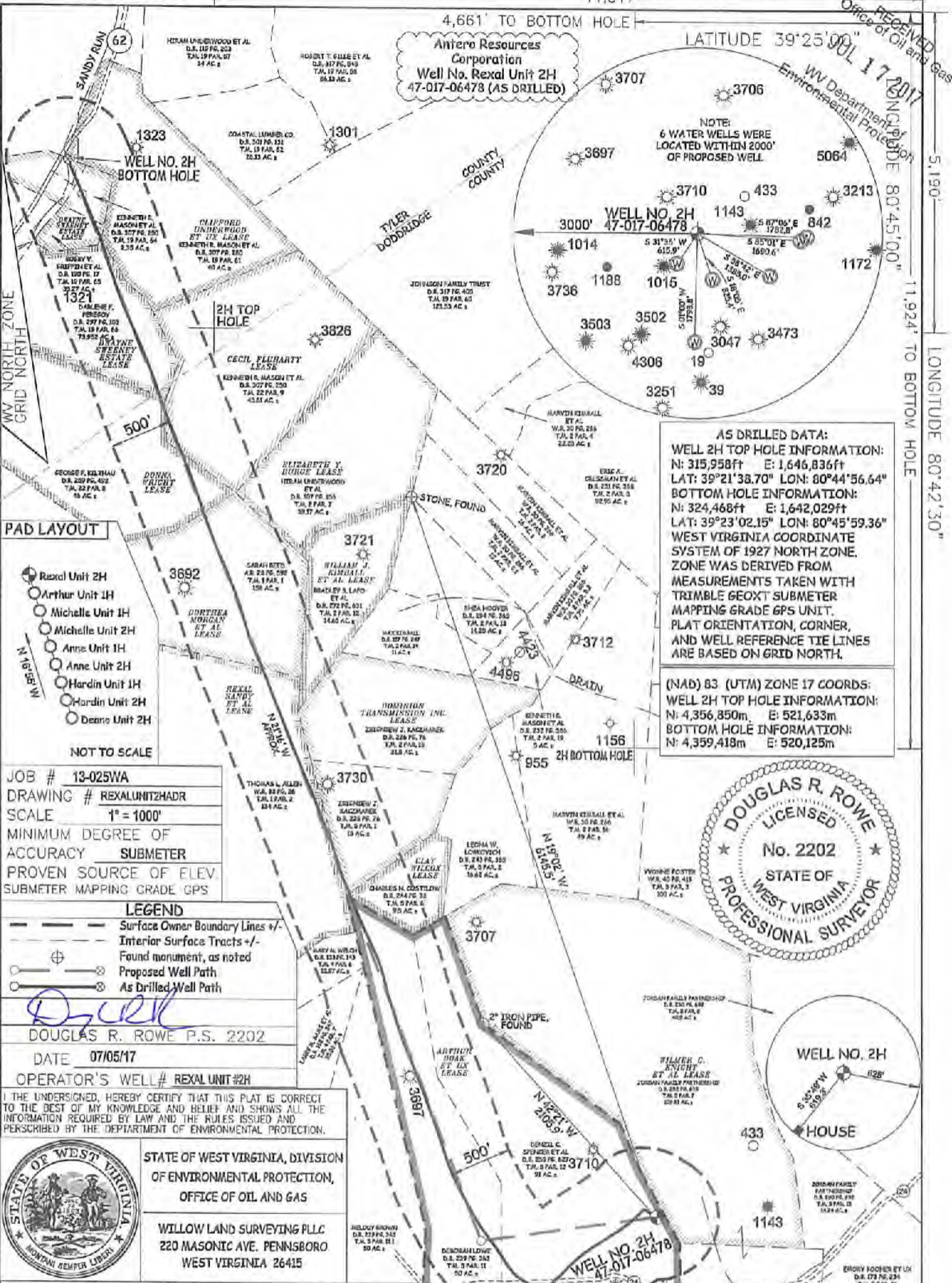


LATITUDE 39°22'30"

11,517'



Antero Resources Corporation
Well No. Rexal Unit 2H
47-017-06478 (AS DRILLED)

NOTE:
6 WATER WELLS WERE
LOCATED WITHIN 2000'
OF PROPOSED WELL

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 315,958ft E: 1,646,836ft
LAT: 39°21'38.70" LON: 80°44'56.64"
BOTTOM HOLE INFORMATION:
N: 324,468ft E: 1,642,029ft
LAT: 39°23'02.15" LON: 80°45'59.36"
WEST VIRGINIA COORDINATE
SYSTEM OF 1927 NORTH ZONE.
ZONE WAS DERIVED FROM
MEASUREMENTS TAKEN WITH
TRIMBLE 660XT 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: 4,356,850m E: 521,633m
BOTTOM HOLE INFORMATION:
N: 4,359,418m E: 520,125m



PAD LAYOUT

- Rexal Unit 2H
- Arthur Unit 1H
- Michelle Unit 1H
- Michelle Unit 2H
- Anne Unit 1H
- Anne Unit 2H
- Hardin Unit 1H
- Hardin Unit 2H
- Deano Unit 2H

JOB # 13-025WA
DRAWING # REXALUNITZHDR
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 ⊕ Found monument, as noted
 ⊙ Proposed Well Path
 ⊙ As Drilled Well Path

DOUGLAS R. ROWE P.S. 2202
DATE 07/05/17
OPERATOR'S WELL# REXAL 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

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS STATE COUNTY PERMIT
API WELL # 47 - 017 - 06478
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,020' - ORIG. 1,001' - PROP. WATERSHED MCELROY CREEK
QUADRANGLE SMITHBURG 7.5 (TH) SHIRLEY 7.5 (BH) DISTRICT GRANT COUNTY DODDRIDGE
SURFACE OWNER DENZIL C. SPENCER ET AL ACREAGE 91 ACRES +/-
OIL & GAS ROYALTY OWNER ARTHUR DOAK ET UX; CLAY WILCOX; DOMINION TRANSMISSION INC.; REXAL SANDY ET AL;
DORTHEA MORGAN ET AL; DONNA WRIGHT; CECIL FLUHARTY; DWAYNE SWEENEY ESTATE; CLIFFORD UNDER WOOD ET UX; DWAYNE SWEENEY ESTATE

- NOTE
- ONE OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HARBORING ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
 - TOP HOLE DATA SHOWN HEREON 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 THIS PLAT AND ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
 - WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

LEASE ACREAGE 141 AC±; 18 AC±; 49.5 AC±; 134 AC±; 159 AC±; 46 AC±; 45.81 AC±; 32 AC±; 40 AC±; 19 ac±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORME NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) (X) AS DRILLED
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,740' TVD 16,734' 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

RECEIVED
Office of Oil and Gas
JUL 17 2017
WV Department of Environmental Protection

5,190'
11,924' TO BOTTOM HOLE
LONGITUDE 80°42'30"

COUNTY NAME PERMIT

09/15/2017