

LATITUDE 39°22'30"

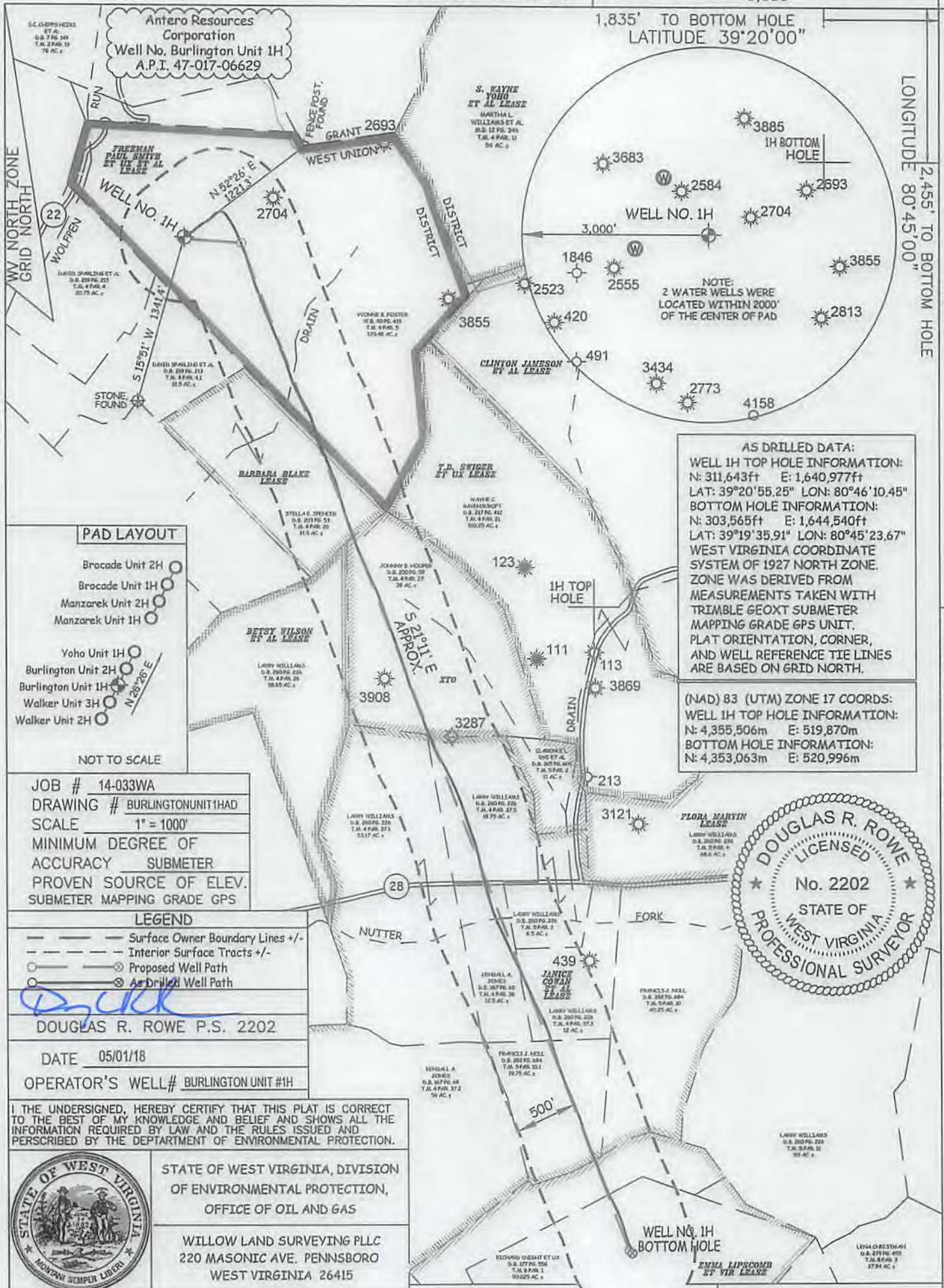
5,535'

1,835' TO BOTTOM HOLE
LATITUDE 39°20'00"

LONGITUDE 80°45'00"

9,587'

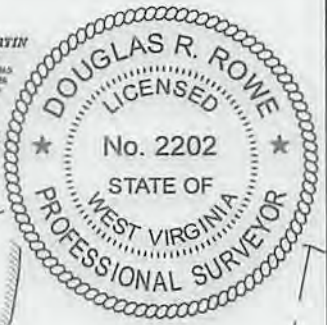
LONGITUDE 80°45'00"



Antero Resources Corporation
Well No. Burlington Unit 1H
A.P.I. 47-017-06629

AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
 N: 311,643ft E: 1,640,977ft
 LAT: 39°20'55.25" LON: 80°46'10.45"
BOTTOM HOLE INFORMATION:
 N: 303,565ft E: 1,644,540ft
 LAT: 39°19'35.91" LON: 80°45'23.67"
 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 1H TOP HOLE INFORMATION:
 N: 4,355,506m E: 519,870m
BOTTOM HOLE INFORMATION:
 N: 4,353,063m E: 520,996m



PAD LAYOUT

- Brocade Unit 2H
- Brocade Unit 1H
- Manzarek Unit 2H
- Manzarek Unit 1H
- Yoho Unit 1H
- Burlington Unit 2H
- Burlington Unit 1H
- Walker Unit 3H
- Walker Unit 2H

NOT TO SCALE

JOB # 14-033WA
 DRAWING # BURLINGTONUNIT1HAD
 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 05/01/18
 OPERATOR'S WELL# BURLINGTON UNIT #1H

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 1,229' AS DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
 QUADRANGLE WEST UNION 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE
 SURFACE OWNER YVONNER R. FOSTER ACREAGE 125.48 ACRES +/-
 OIL & GAS ROYALTY OWNER FREEMAN PAUL SMITH ET UX ET AL; BARBARA BLAKE; XTO; JANICE COWAN ET AL
 EMMA LIPSCOMB ET VIR LEASE

- 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 POLTRY 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 ITEM 3.
 5. ONLY THE RELATIONSHIP BETWEEN THE INFORMATION PROVIDED TO THE LEASE SOURCES.
 6. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

LEASE ACREAGE 125 AC±; 31.5 AC±; 50 AC±; 428.5 AC±; 96AC±
 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 7,033' TVD 15,699' 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

COUNTY NAME PERMIT

07/20/2018