

LATITUDE 39°20'00" 4,788' TO BOTTOM HOLE

LATITUDE 39°22'30" 4,819'

LONGITUDE 80°42'30" 6,910'

LONGITUDE 80°42'30" 13,385' TO BOTTOM HOLE

Antero Resources Corporation
Well No. Schrader Unit 2H

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
 N: 298,972ft E: 1,653,306ft
 LAT: 39°18'51.70" LON: 80°43'31.32"
BOTTOM HOLE INFORMATION:
 N: 307,672ft E: 1,653,454ft
 LAT: 39°20'17.71" LON: 80°43'30.95"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.
ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIANGLE 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: 4,351,708m E: 523,690m
BOTTOM HOLE INFORMATION:
 N: 4,354,359m E: 523,691m

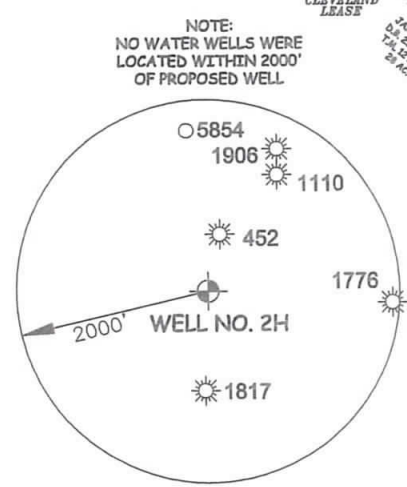
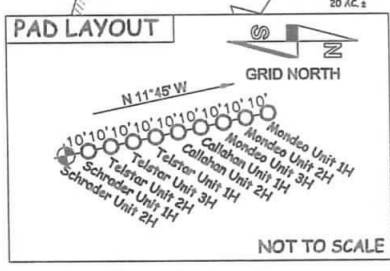
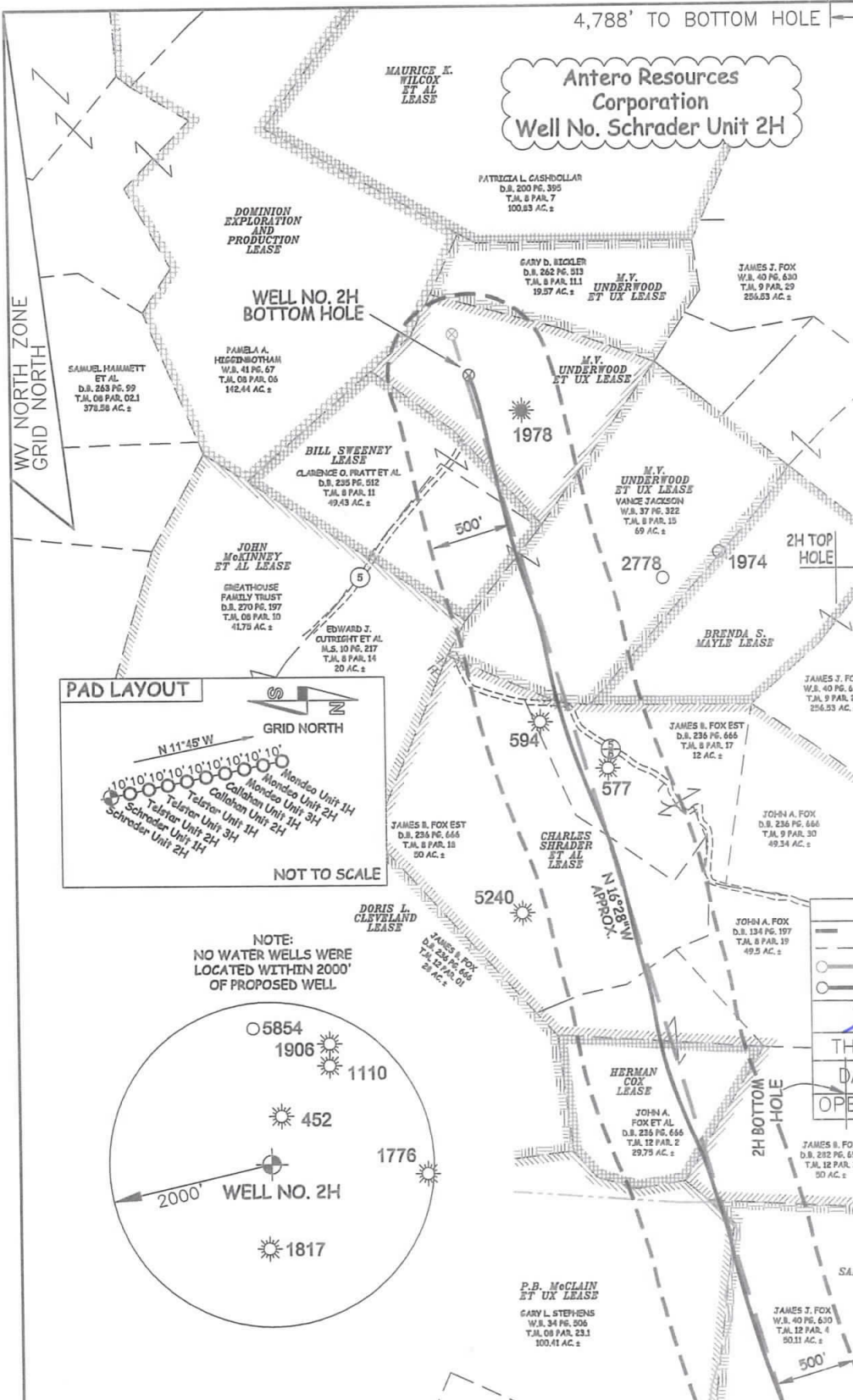
- NOTE**
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
 2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 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 # 14-083WA
DRAWING # SCHRADER2HAD
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

Thomas Summers
THOMAS SUMMERS P.S. 2109
DATE 04/16/20
OPERATOR'S WELL# SCHRADER 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.



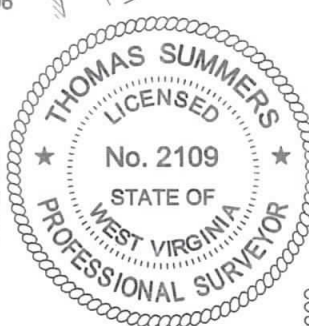
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

JOHNSON B. SMITH ET UX LEASE
 WELL NO. 2H

PAUL A. SMITH
 D.B. 235 PG. 417
 T.J.L. 08 PAR. 35
 178.9 AC. ±



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,376' - AS BUILT _____ WATERSHED HEADWATERS MIDDLE ISLAND CREEK QUADRANGLE SMITHBURG 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE

SURFACE OWNER MARY E. DEETS AND/OR PAUL A. SMITH ACREAGE 53.29 ACRES +/- AND/OR 175.78 ACRES +/-

OIL & GAS ROYALTY OWNER JOHNSON B. SMITH ET UX; T.G. BAKER ET AL; G.L. SWENTZEL ET UX; SARAH SAYRE; LEASE ACREAGE 180 AC.±; 54 AC.±; 1033 AC.±; 50 AC.±;

P.B. McCLAIN ET UX; HERMAN COX; CHARLES SHRADER ET AL; M.V. UNDERWOOD ET UX; BILL L. SWEENEY; 150 AC.±; 15 AC.±; 230 AC.±; 50 AC.±; 44.45 AC.±;

M.V. UNDERWOOD ET UX 50 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 7,192' TGD 16,345' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM API WELL # _____

ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD ADDRESS 47 - 017 - 06879

FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313 STATE COUNTY PERMIT