

LATITUDE 39°20'00"

6,539'

9,892' TO BOTTOM HOLE

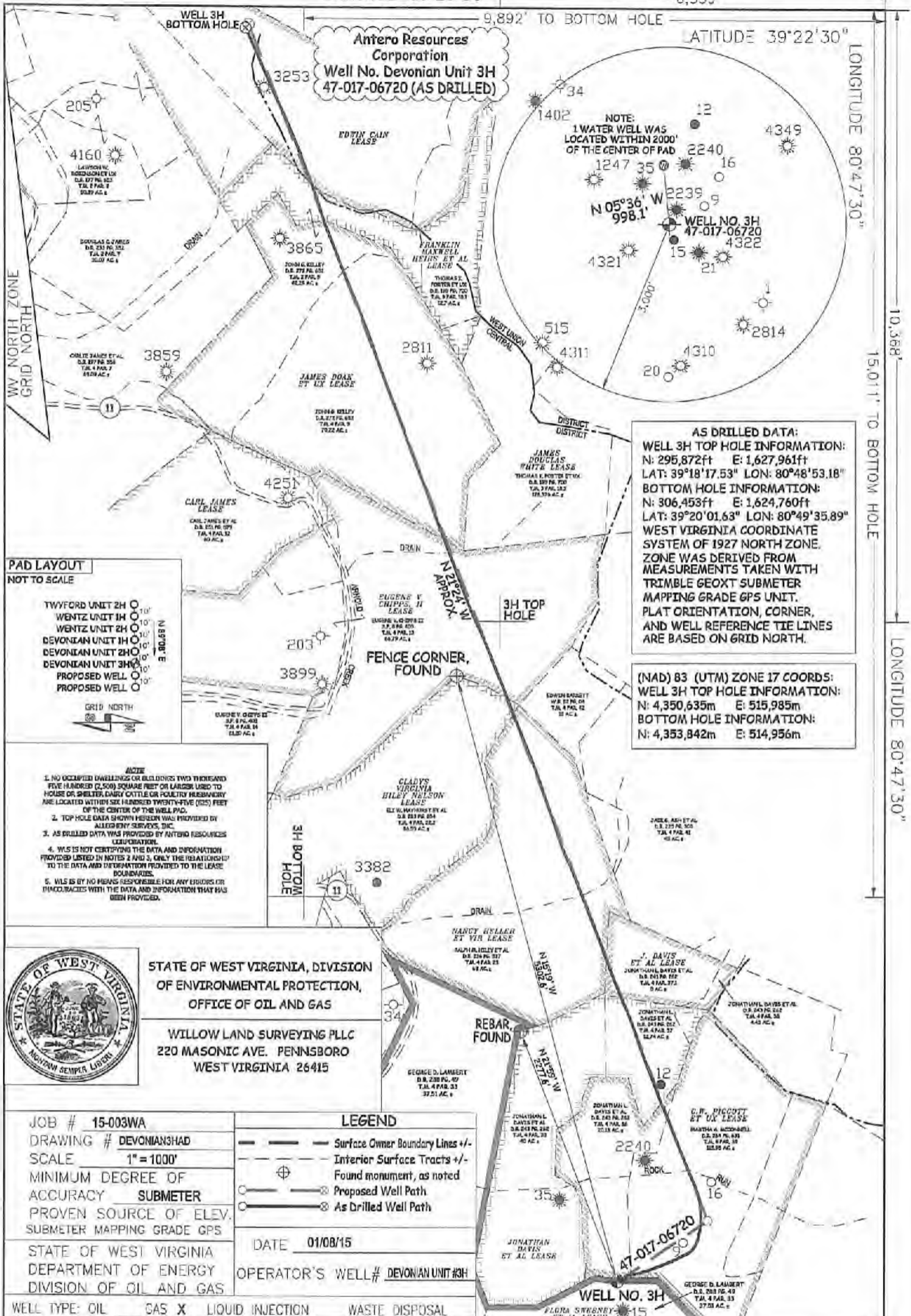
LATITUDE 39°22'30"

LONGITUDE 80°47'30"

10,368'

15,011' TO BOTTOM HOLE

LONGITUDE 80°47'30"



**AS DRILLED DATA:**  
**WELL 3H TOP HOLE INFORMATION:**  
 N: 295,872ft E: 1,627,961ft  
 LAT: 39°18'17.53" LON: 80°48'53.18"  
**BOTTOM HOLE INFORMATION:**  
 N: 306,453ft E: 1,624,760ft  
 LAT: 39°20'01.63" LON: 80°49'35.89"  
**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: 4,350,635m E: 515,985m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,353,842m E: 514,956m

**PAD LAYOUT**  
 NOT TO SCALE

TWYFORD UNIT 2H  
 WENTZ UNIT 3H  
 WENTZ UNIT 2H  
 DEVONIAN UNIT 1H  
 DEVONIAN UNIT 2H  
 DEVONIAN UNIT 3H  
 PROPOSED WELL  
 PROPOSED WELL

GRID NORTH

**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 NEARBY 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 ALLEGANY 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 DISCREPANCIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.



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

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

JOB # 15-003WA  
 DRAWING # DEVONIAN3HAD  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

**LEGEND**

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

DATE 01/08/15

OPERATOR'S WELL# DEVONIAN UNIT #3H

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL

(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1,181' ORIGINAL - 1,171' AS-DRILLED WATERSHED HEADWATERS MIDDLE ISLAND CREEK

QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE STATE COUNTY PERMIT

SURFACE OWNER GEORGE D. LAMBERT ACREAGE 37.51 ACRES +/-

OIL & GAS ROYALTY OWNER FLORA SWEENEY ET AL; G.W. PIGGOTT ET UX; JONATHAN DAVIS ET AL; LEASE ACREAGE 103 ACRES; 124.5 ACRES; 52 ACRES; J. DAVIS ET AL; NANCY HELLER ET VIR; CLADY'S VIRGINIA HILEY NELSON; EUGENIE V. CHIPPS, II; JAMES DOAK ET UX; FRANKLIN MAXWELL HERS ET AL; EDWIN CAIN 12.6 ACRES; 69 ACRES; 60.55 ACRES; 120 ACRES; 80 ACRES; 115 ACRES; 121 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 6,710' TVD 17,757' MD

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

ADDRESS 1815 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD

DENVER, CO 80202 CHARLESTON, WV 25313

09/15/2017