

LATITUDE 39°17'30"

8,231'

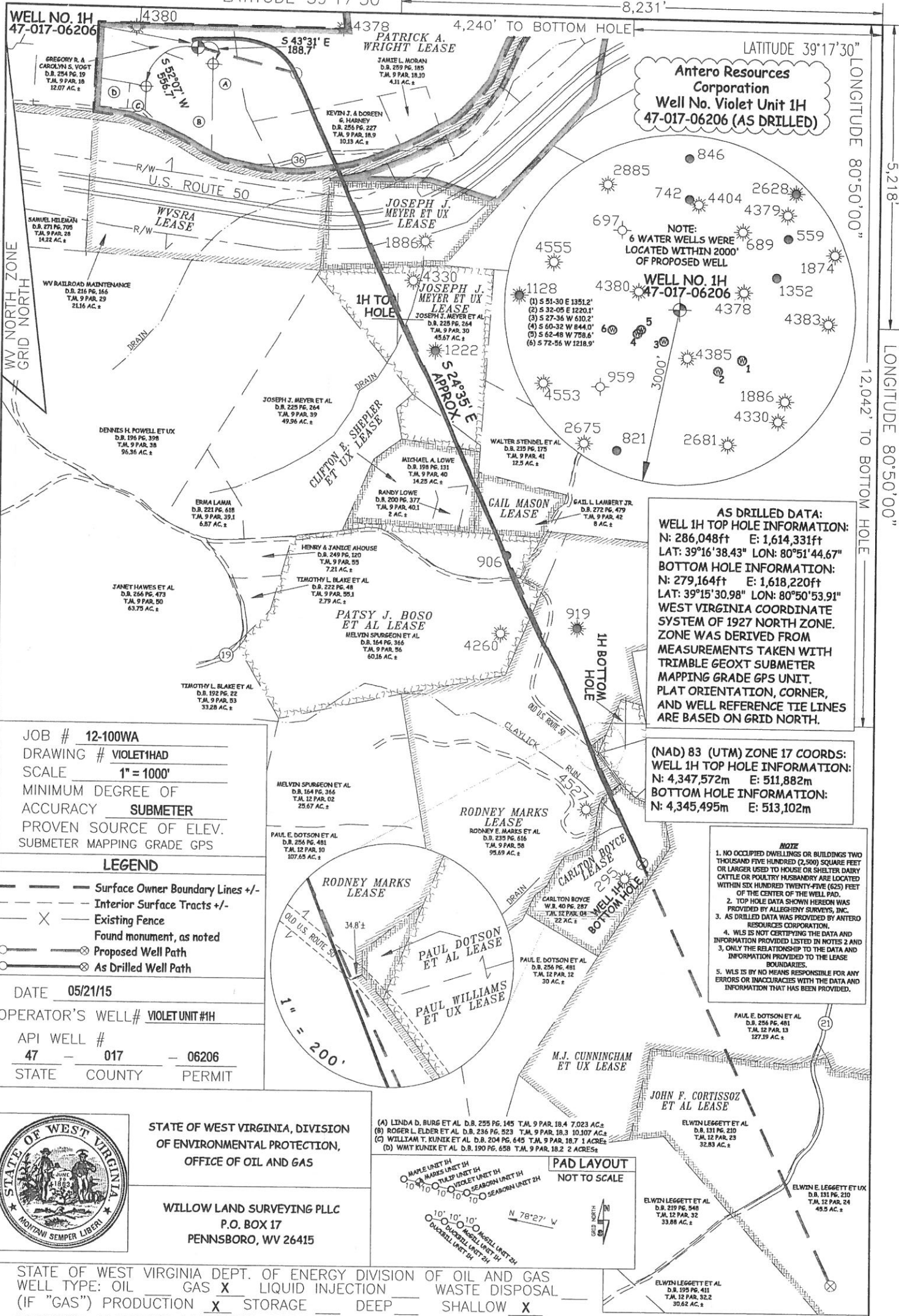
LATITUDE 39°17'30"

5,218'

LONGITUDE 80°50'00"

LONGITUDE 80°50'00"

12,042' TO BOTTOM HOLE



Antero Resources Corporation
Well No. Violet Unit 1H
47-017-06206 (AS DRILLED)

WELL NO. 1H
47-017-06206

(1) S 51-30 E 13512.2'
 (2) S 32-05 E 12201.2'
 (3) S 27-36 W 610.2'
 (4) S 60-32 W 844.0'
 (5) S 62-48 W 728.6'
 (6) S 72-56 W 1218.9'

AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
 N: 286,048ft E: 1,614,331ft
 LAT: 39°16'38.43" LON: 80°51'44.67"
BOTTOM HOLE INFORMATION:
 N: 279,164ft E: 1,618,220ft
 LAT: 39°15'30.98" LON: 80°50'53.91"
 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: 4,347,572m E: 511,882m
BOTTOM HOLE INFORMATION:
 N: 4,345,495m E: 513,102m

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 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 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 # **12-100WA**
 DRAWING # **VIOLET1HAD**
 SCALE **1" = 1000'**
 MINIMUM DEGREE OF ACCURACY **SUBMETER**
 PROVEN SOURCE OF ELEV. **SUBMETER**
 MAPPING GRADE GPS

LEGEND

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

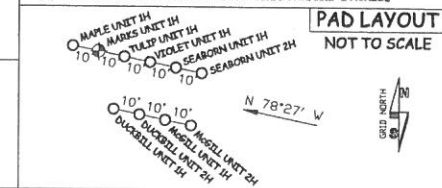
DATE **05/21/15**
 OPERATOR'S WELL# **VIOLET UNIT #1H**
 API WELL # **47 - 017 - 06206**
 STATE COUNTY PERMIT



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

WILLOW LAND SURVEYING PLLC
 P.O. BOX 17
 PENNSBORO, WV 26415

(A) LINDA D. BURG ET AL D.B. 255 PG. 145 T.M. 9 PAR. 18.4 7.023 AC.±
 (B) ROGER L. ELDER ET AL D.B. 236 PG. 523 T.M. 9 PAR. 18.3 10.107 AC.±
 (C) WILLIAM T. KUNIK ET AL D.B. 204 PG. 645 T.M. 9 PAR. 18.7 1 ACRES±
 (D) WMT KUNIK ET AL D.B. 190 PG. 658 T.M. 9 PAR. 18.2 2 ACRES±



STATE OF WEST VIRGINIA DEPT. OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL ___ GAS **X** LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION **X** STORAGE ___ DEEP ___ SHALLOW **X**
 LOCATION: ELEVATION **1,118' ORIGINAL - 1,112' AS-DRILLED** WATERSHED **HEADWATERS MIDDLE ISLAND CREEK**
 QUADRANGLE **WEST UNION 7.5'** DISTRICT **CENTRAL** COUNTY **DODDRIDGE**
 SURFACE OWNER **GREGORY R. & CAROLYN S. VOGT** ACREAGE **12.07 ACRES +/-**
 OIL & GAS ROYALTY OWNER **PATRICK A. WRIGHT; WVSRA; JOSEPH J. MYER ET UX; JOSEPH J. MYER ET UX; LEASE ACREAGE 222 AC.±; 301.19 AC.±; 8.63 AC.±; 37.25 AC.±; CLIFTON E. SHEPLER ET UX; GAIL MASON; PATSY J. BOSO ET AL; RODNEY MARKS; CARLTON BOYCE 16.4 AC.±; 7.086 AC.±; 70.03 AC.±; 100 AC.±; 22 AC.±**
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL ___
 (SPECIFY) **(X) AS DRILLED** PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 TARGET FORMATION **MARCELLUS** ESTIMATED DEPTH **6,758' TVD 14,650' MD**
 WELL OPERATOR **ANTERO RESOURCES CORP.** DESIGNATED AGENT **DIANNA STAMPER**
 ADDRESS **1615 WYNKOOP STREET** ADDRESS **CT CORPORATION SYSTEM**
DENVER, CO 80202 **5400 D BIG TYLER ROAD**
CHARLESTON, WV 25313