

LATITUDE 39°22'30"

11,506'

9,417' TO BOTTOM HOLE

LATITUDE 39°22'30"

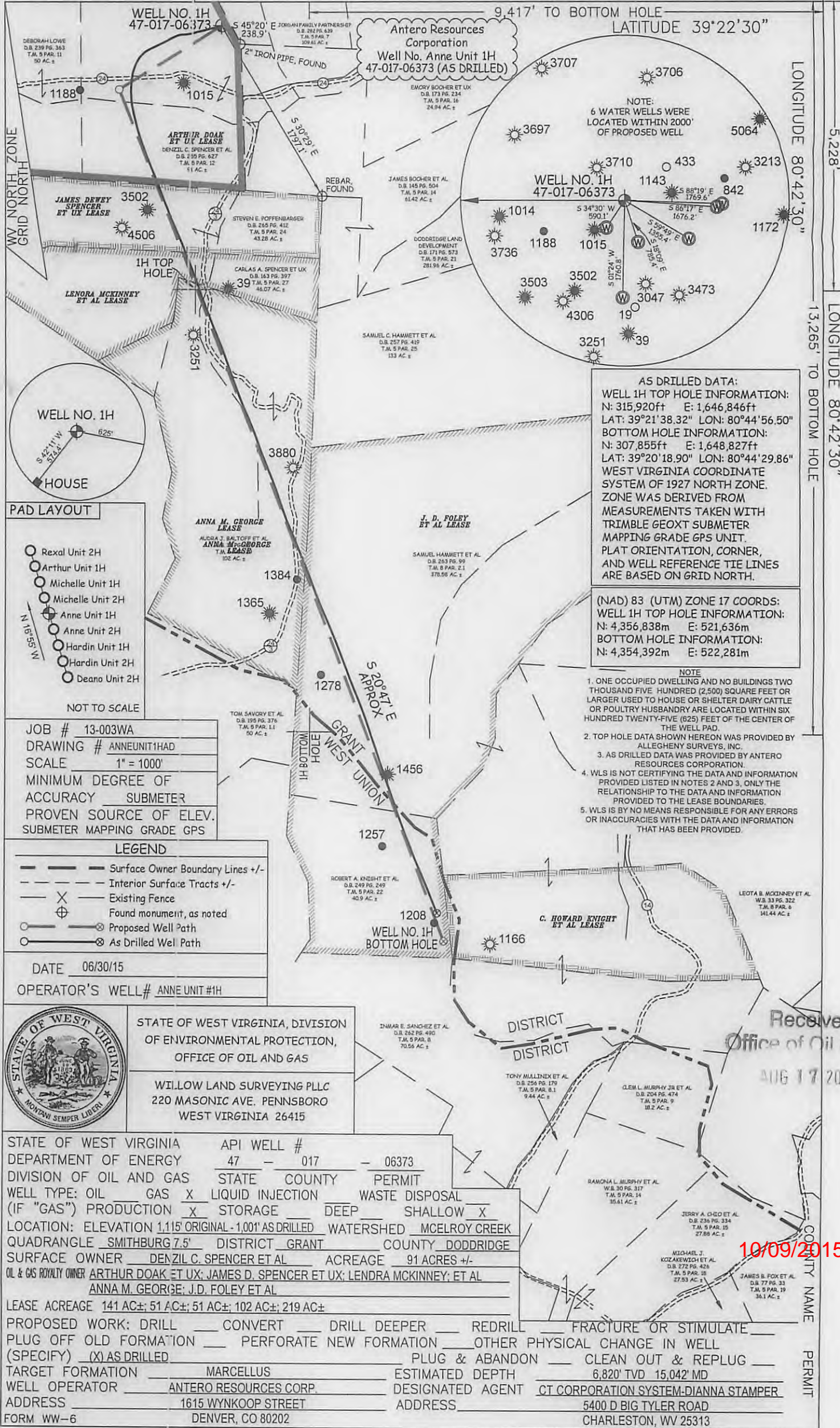
WV NORTH ZONE
GRID NORTH

5,228'

LONGITUDE 80°42'30"

LONGITUDE 80°42'30"

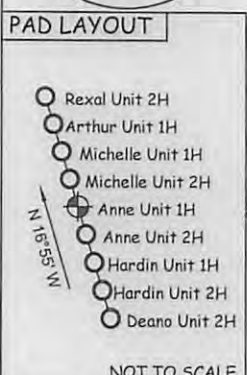
13,265' TO BOTTOM HOLE



AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
 N: 315,920ft E: 1,646,846ft
 LAT: 39°21'38.32" LON: 80°44'56.50"
BOTTOM HOLE INFORMATION:
 N: 307,855ft E: 1,648,827ft
 LAT: 39°20'18.90" LON: 80°44'29.86"
 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: 4,356,838m E: 521,636m
BOTTOM HOLE INFORMATION:
 N: 4,354,392m E: 522,281m

- NOTE**
- ONE OCCUPIED DWELLING AND NO 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.
 - 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 NOTES 2 AND 3. ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
 - WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.



JOB # 13-003WA
 DRAWING # ANNEUNIT1HAD
 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 06/30/15
 OPERATOR'S WELL# ANNE UNIT #1H



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	API WELL # 47 - 017 - 06373
WELL TYPE: OIL GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/>	STATE COUNTY PERMIT
(IF "GAS") PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	
LOCATION: ELEVATION 1,115' ORIGINAL - 1,001' AS DRILLED WATERSHED MCELROY CREEK	
QUADRANGLE SMITHBURG 7.5' DISTRICT GRANT COUNTY DODDRIDGE	
SURFACE OWNER DENZIL C. SPENCER ET AL ACREAGE 91 ACRES +/-	
OIL & GAS ROYALTY OWNER ARTHUR DOAK ET UX; JAMES D. SPENCER ET UX; LENDRA MCKINNEY; ET AL ANNA M. GEORGE; J.D. FOLEY ET AL	
LEASE ACREAGE 141 AC±; 51 AC±; 51 AC±; 102 AC±; 219 AC±	
PROPOSED WORK: DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/>	
PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) (X) AS DRILLED	PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/>
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,820' TVD 15,042' MD	
WELL OPERATOR ANTERO RESOURCES CORP. ADDRESS 1615 WYNKOOP STREET DENVER, CO 80202	DESIGNATED AGENT CT CORPORATION SYSTEM-DIANNA STAMPER ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

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 Office of Oil & Gas
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