

LATITUDE 39°15'00"

10,595'

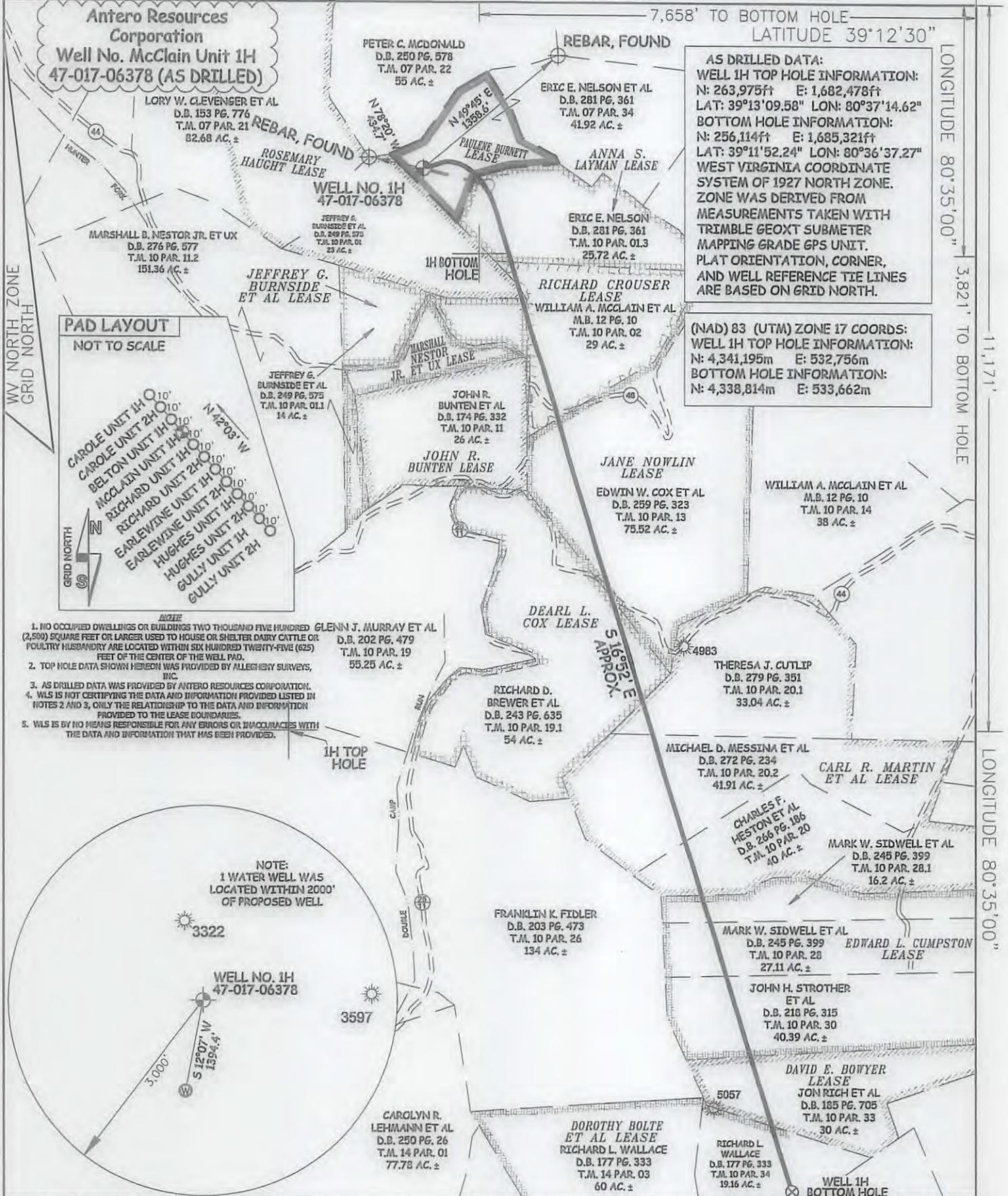
7,658' TO BOTTOM HOLE

LATITUDE 39°12'30"

LONGITUDE 80°35'00"

11,171'

LONGITUDE 80°35'00"



**AS DRILLED DATA:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 263,975ft E: 1,682,478ft  
 LAT: 39°13'09.58" LON: 80°37'14.62"  
**BOTTOM HOLE INFORMATION:**  
 N: 256,114ft E: 1,685,321ft  
 LAT: 39°11'52.24" LON: 80°36'37.27"  
**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: 4,341,195m E: 532,756m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,338,814m E: 533,662m

**PAD LAYOUT NOT TO SCALE**



- 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 P.D.
  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 # 12-147WA DRAWING # MCCLAIN1HAD 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 WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> (IF "GAS") PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> LOCATION: ELEVATION 1,354' ORIGINAL - 1,332' PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK QUADRANGLE BIG ISSAC 7.5' DISTRICT GREENBRIER COUNTY DODDRIDGE SURFACE OWNER ERIC E. NELSON, ET AL ACREAGE 41.92 ACRES +/- OIL & GAS ROYALTY OWNER PAULENE BURNETT; ANNA S. LAYMAN; RICHARD CROUSER; LEASE ACREAGE 14.29 ACRES +/-; 25.16 ACRES +/-; 29.93 ACRES +/- ROSEMARY HAUGHT; JEFFREY G. BURNSIDE ET AL; JANE NOWLIN; DEARL L. COX; CARL R. MARTIN ET AL; EDWARD L. CUMPTON; DAVID E. BOWYER; DOROTHY BOLTE ET AL 115 ACRES +/-; 14 ACRES +/-; 76 ACRES +/-; 30.923 ACRES +/-; 115 ACRES +/-; 86 ACRES +/-; 30 ACRES +/-; 80 ACRES +/- PROPOSED WORK: DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" 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 CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,342' TVD 15,619' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313		<p>STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS</p> <p>WILLOW LAND SURVEYING PLLC          220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415</p>	<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li>— Surface Owner Boundary Lines +/-</li> <li>- - - Interior Surface Tracts +/-</li> <li>— Existing Fence</li> <li>⊕ Found monument, as noted</li> <li>○ Proposed Well Path</li> <li>⊗ As Drilled Well Path</li> </ul> <p>DATE 11/14/16          OPERATOR'S WELL# MCCLAIN UNIT #1H          API WELL # 47 - 017 - 06378 F          STATE COUNTY PERMIT          COUNTY NAME PERMIT</p>
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02/25/2017