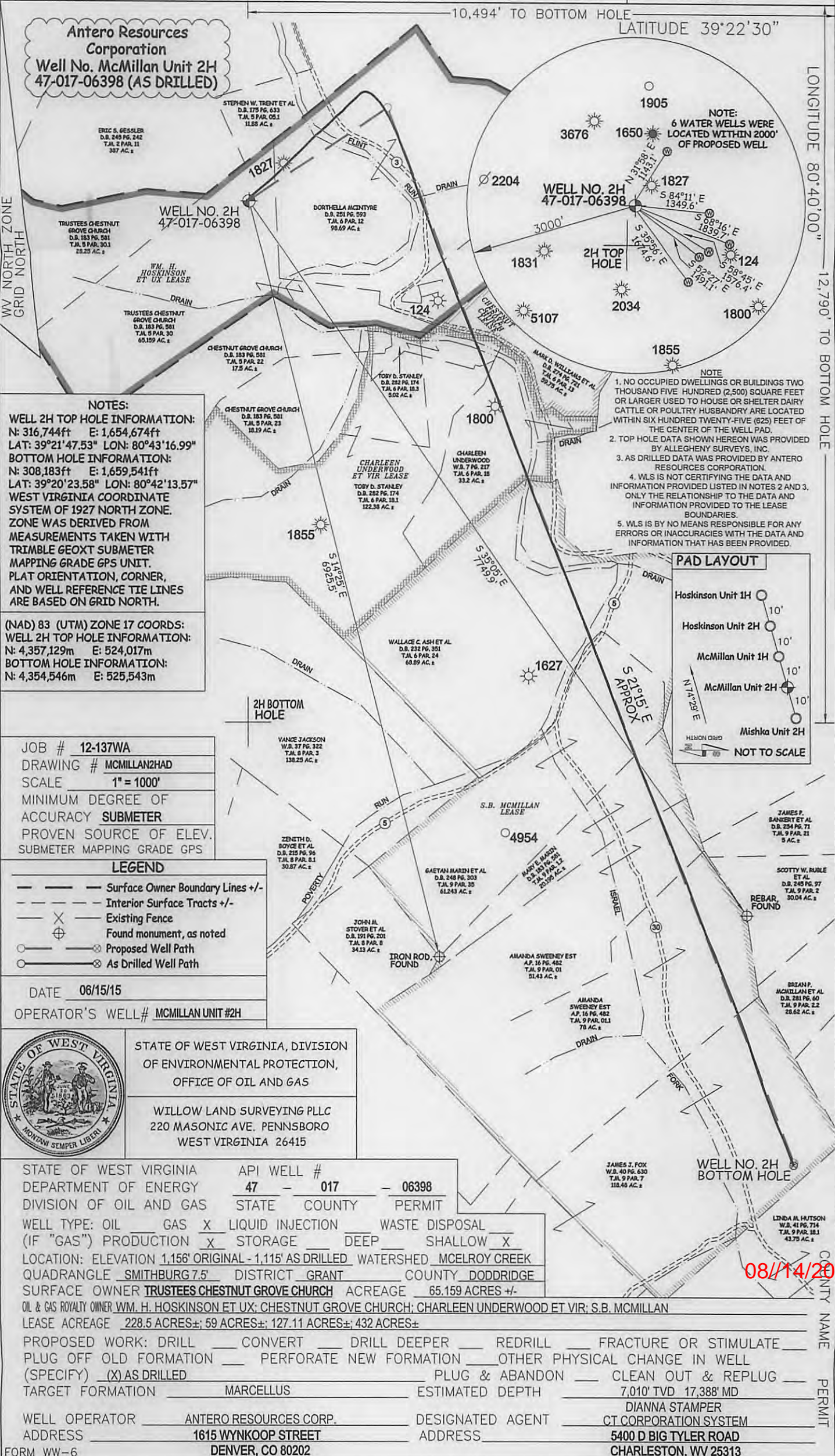


LATITUDE 39°22'30" 3,691'
 10,494' TO BOTTOM HOLE
 LATITUDE 39°22'30"

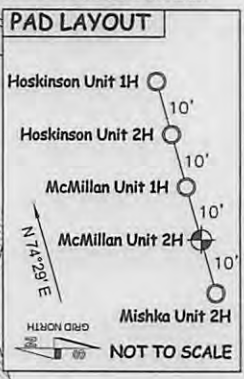
LONGITUDE 80°40'00"
 4,297'
 LONGITUDE 80°42'30"
 12,790' TO BOTTOM HOLE

Antero Resources Corporation
Well No. McMillan Unit 2H
47-017-06398 (AS DRILLED)



NOTE:
 6 WATER WELLS WERE
 LOCATED WITHIN 2000'
 OF PROPOSED WELL

- 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.




NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 316,744ft E: 1,654,674ft
 LAT: 39°21'47.53" LON: 80°43'16.99"
BOTTOM HOLE INFORMATION:
 N: 308,183ft E: 1,659,541ft
 LAT: 39°20'23.58" LON: 80°42'13.57"
 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 2H TOP HOLE INFORMATION:
 N: 4,357,129m E: 524,017m
BOTTOM HOLE INFORMATION:
 N: 4,354,546m E: 525,543m

JOB # **12-137WA**
 DRAWING # **MCMILLAN2HAD**
 SCALE **1" = 1000'**
 MINIMUM DEGREE OF ACCURACY **SUBMETER**
 PROVEN SOURCE OF ELEV. **SUBMETER MAPPING GRADE GPS**

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

DATE **06/15/15**
 OPERATOR'S WELL# **MCMILLAN UNIT #2H**

 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 - 06398
WELL TYPE: OIL GAS <input checked="" type="checkbox"/> LIQUID INJECTION WASTE DISPOSAL	STATE COUNTY PERMIT	
(IF "GAS") PRODUCTION <input checked="" type="checkbox"/> STORAGE DEEP SHALLOW <input checked="" type="checkbox"/>		
LOCATION: ELEVATION 1,156' ORIGINAL -1,115' AS DRILLED WATERSHED MCELROY CREEK		
QUADRANGLE SMITHBURG 7.5 DISTRICT GRANT COUNTY DODDRIDGE		
SURFACE OWNER TRUSTEES CHESTNUT GROVE CHURCH ACREAGE 65.159 ACRES +/-		
OIL & GAS ROYALTY OWNER WM. H. HOSKINSON ET UX; CHESTNUT GROVE CHURCH; CHARLEEN UNDERWOOD ET VIR; S.B. MCMILLAN		
LEASE ACREAGE 228.5 ACRES±; 59 ACRES±; 127.11 ACRES±; 432 ACRES±		
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) <input checked="" type="checkbox"/> AS DRILLED		
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,010' TVD 17,388' MD		
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER		
ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM		
DENVER, CO 80202 CHARLESTON, WV 25313		

08/14/2015