

LATITUDE 39°15'00"

7,925'

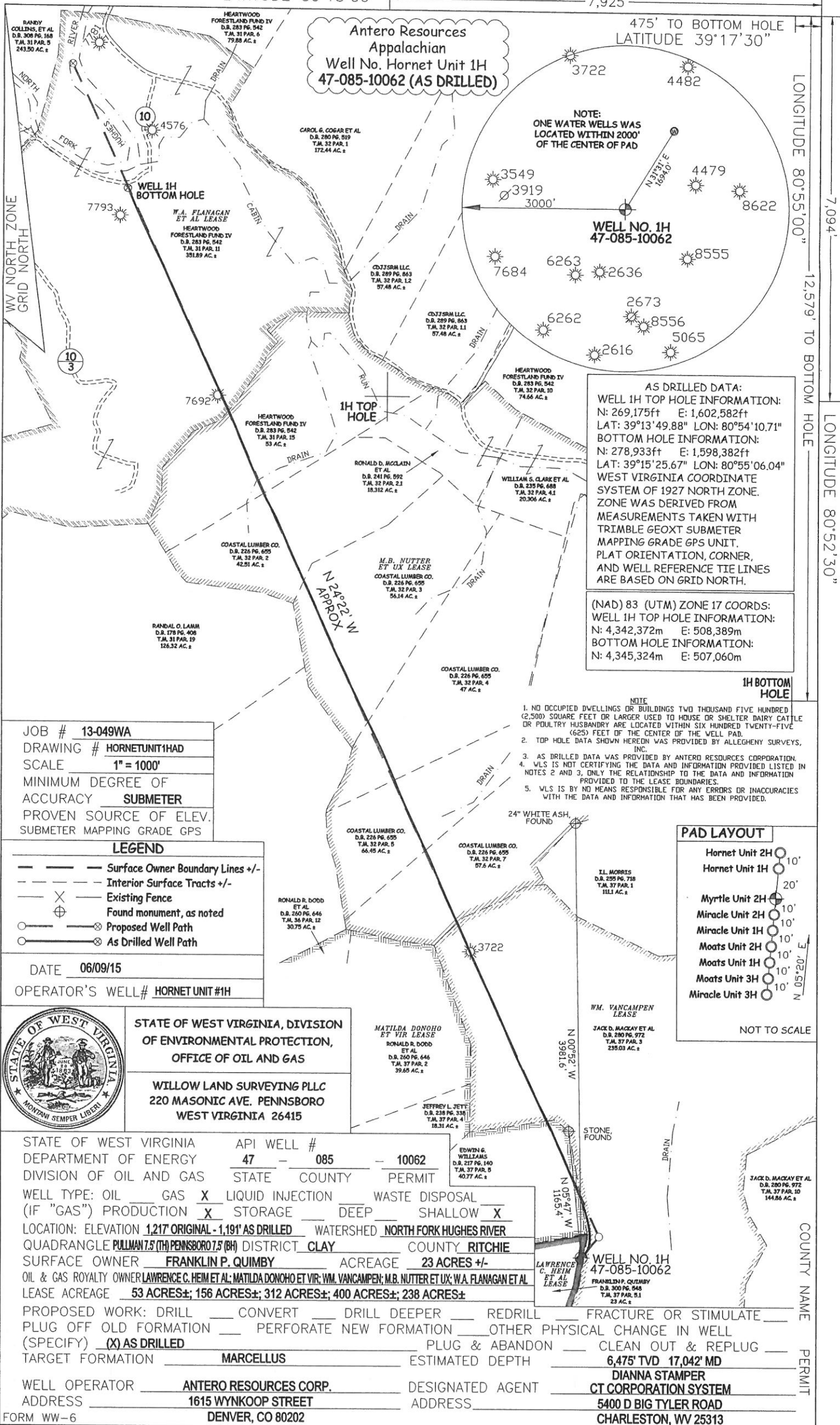
475' TO BOTTOM HOLE  
LATITUDE 39°17'30"

LONGITUDE 80°55'00"

7,094'

12,579' TO BOTTOM HOLE

LONGITUDE 80°52'30"



Antero Resources  
Appalachian  
Well No. Hornet Unit 1H  
47-085-10062 (AS DRILLED)

NOTE:  
ONE WATER WELLS WAS  
LOCATED WITHIN 2000'  
OF THE CENTER OF PAD

WELL NO. 1H  
47-085-10062

AS DRILLED DATA:

WELL 1H TOP HOLE INFORMATION:  
N: 269,175ft E: 1,602,582ft  
LAT: 39°13'49.88" LON: 80°54'10.71"  
BOTTOM HOLE INFORMATION:  
N: 278,933ft E: 1,598,382ft  
LAT: 39°15'25.67" LON: 80°55'06.04"  
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: 4,342,372m E: 508,389m  
BOTTOM HOLE INFORMATION:  
N: 4,345,324m E: 507,060m

1H BOTTOM  
HOLE

- 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 # 13-049WA  
DRAWING # HORNETUNIT1HAD  
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 06/09/15

OPERATOR'S WELL # HORNET 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 - 085 - 10062  
STATE COUNTY PERMIT

WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL  
(IF "GAS") PRODUCTION  STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,217' ORIGINAL - 1,191' AS DRILLED WATERSHED NORTH FORK HUGHES RIVER

QUADRANGLE PULLMAN 7.5 (TH) PENNSBORO 7.5 (BH) DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER FRANKLIN P. QUIMBY ACREAGE 23 ACRES +/-

OIL & GAS ROYALTY OWNER LAWRENCE C. HEIM ET AL; MATILDA DONOHO ET VIR; WM. VANCAMPEN; M.B. NUTTER ET UX; W.A. FLANAGAN ET AL  
LEASE ACREAGE 53 ACRES±; 156 ACRES±; 312 ACRES±; 400 ACRES±; 238 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 PLUG & ABANDON CLEAN OUT & REPLUG

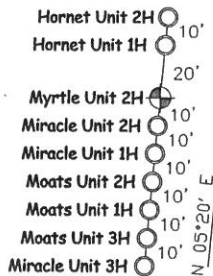
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,475' TVD 17,042' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER

ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD

DENVER, CO 80202 CHARLESTON, WV 25313

PAD LAYOUT



NOT TO SCALE

COUNTY NAME PERMIT