

LATITUDE 39°27'30"

5,015'

2,493' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°42'30"

10,791'

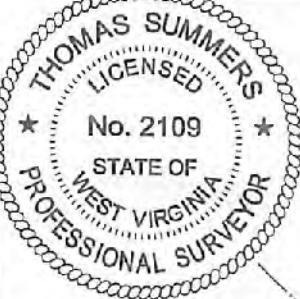
6,141' TO BOTTOM HOLE

LONGITUDE 80°42'30"

COUNTY NAME

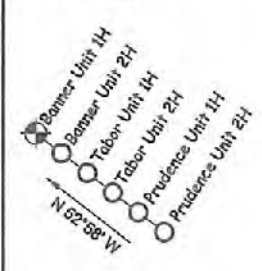
PERMIT

Antero Resources Corporation
Well No. Banner Unit 2H
47-095-02163 (AS DRILLED)



- 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.

PAD LAYOUT



NOT TO SCALE

JOB # **13-120WA**
 DRAWING # **BANNERUNIT2ADR**
 SCALE **1" = 1000'**
 MINIMUM DEGREE OF ACCURACY **SUBMETER**
 PROVEN SOURCE OF ELEV. **SUBMETER MAPPING GRADE GPS**

LEGEND

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

THOMAS SUMMERS P.S. 2109
 DATE **07/12/2017**
 OPERATOR'S WELL# **BANNER 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 - 095 - 02163**

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

LOCATION: ELEVATION **AS DRILLED -1,188'** WATERSHED **MCELROY CREEK**

QUADRANGLE **CENTERPOINT 7.5'** DISTRICT **MCELROY COUNTY TYLER**

SURFACE OWNER **COASTAL LUMBER COMPANY** ACREAGE **766 ACRES +/-**

OIL & GAS ROYALTY OWNER **O.W.O. HARDMAN ET AL.; P. NICHOLS ET AL.; A. RICHARDS ET AL.; RONALD NOHE ET AL.; M. HEFLIN ET AL.; R. BERRY ET AL.; C. ANDERSON ET AL.; W.B. ALLEN ET AL.; R. SMITH; S.A. SMITH ET AL.**

LEASE ACREAGE **852.3 AC±; 14.43 AC±; 31.329 AC±; 50 AC±; 53.69 AC±; 49.12 AC±; 38 AC±; 334 AC±; 87.75 AC±; 443.68 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**

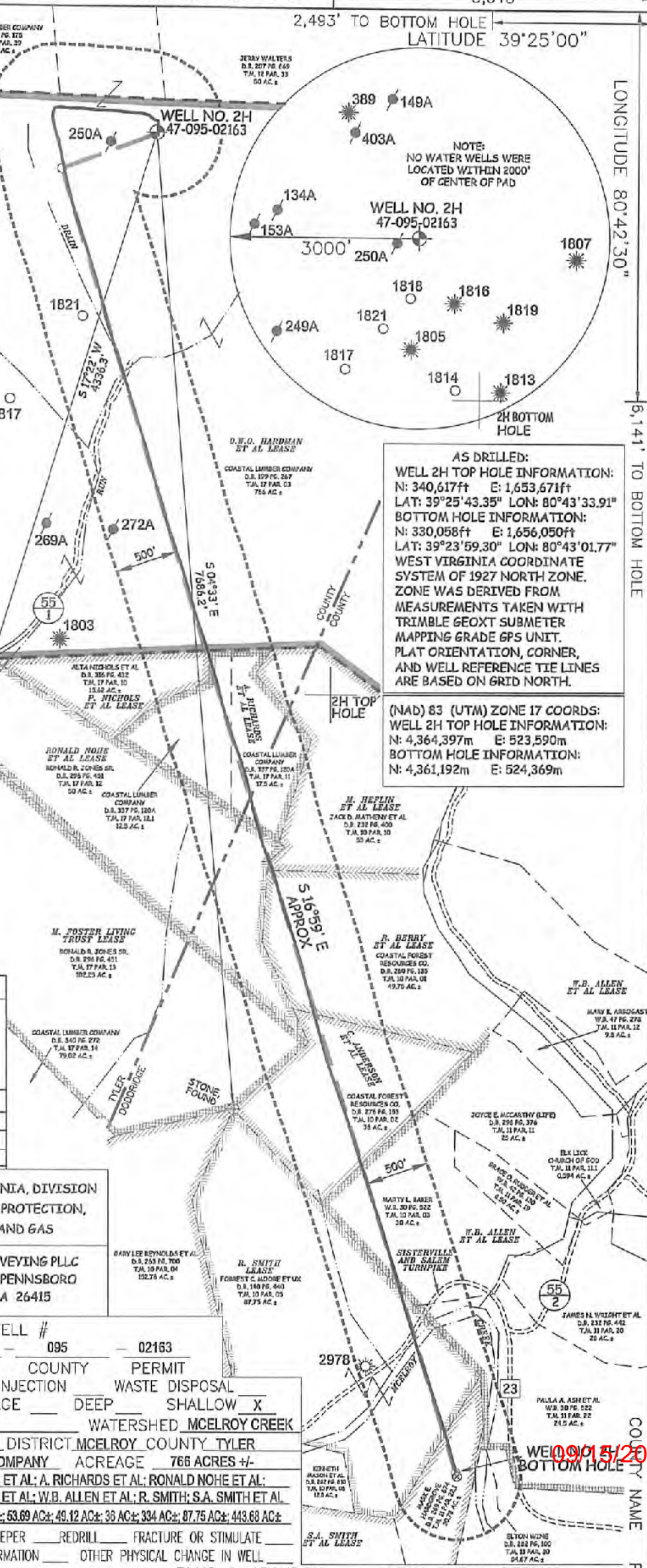
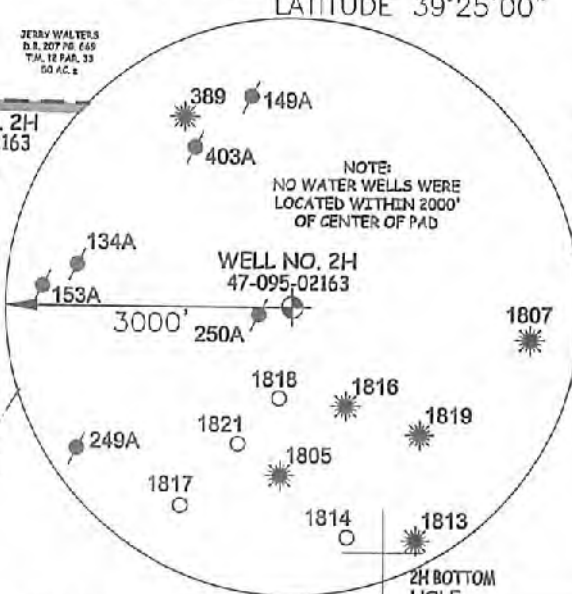
TARGET FORMATION **MARCELLUS** ESTIMATED DEPTH **7,140' TVD 18,200' MD**

WELL OPERATOR **ANTERO RESOURCES CORP.** DESIGNATED AGENT **CT CORPORATION SYSTEM-DIANNA STAMPER**

ADDRESS **1615 WYNKOOP STREET** ADDRESS **5400 D BIG TYLER ROAD**
DENVER, CO 80202 **CHARLESTON, WV 25313**

AS DRILLED:
 WELL 2H TOP HOLE INFORMATION:
 N: 340,617ft E: 1,653,671ft
 LAT: 39°25'43.35" LON: 80°43'33.91"
 BOTTOM HOLE INFORMATION:
 N: 330,058ft E: 1,656,050ft
 LAT: 39°23'59.30" LON: 80°43'01.77"
 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: 4,364,397m E: 523,590m
 BOTTOM HOLE INFORMATION:
 N: 4,361,192m E: 524,369m



OFFICE OF OIL AND GAS JUL 26 2017