

JOB # **13-043WA**
DRAWING # **HENDERSHOT2HAD**
SCALE **1" = 1000'**
MINIMUM DEGREE OF ACCURACY **SUBMETER**
PROVEN SOURCE OF ELEV. **SUBMETER MAPPING GRADE GPS**



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
P.O. BOX 17
PENNSBORO, WV 26415

LEGEND
- - - - - Surface Owner Boundary Lines +/-
- - - - - Interior Surface Tracts +/-
X Existing Fence
Found monument, as noted
○ Proposed Well path
○ As Drilled Well Path

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION **1,124' ORIGINAL - 1,118' AS-DRILLED** WATERSHED **NORTH FORK HUGHES RIVER**
QUADRANGLE **PENNSBORO 7.5'** DISTRICT **CLAY** COUNTY **RITCHIE**

SURFACE OWNER **LINDA C. DEWBERRY TRUST** ACREAGE **151 ACRES +/-**
OIL & GAS ROYALTY OWNER **J.M. WILSON ET UX; WILLIAMS L. JACOBS ET AL;**
JOSEPH MURPHY ET AL; LUCILLE GASPO LEASE ACREAGE **700 ACRES±; 85 ACRES±;**
33 ACRES±; 71 ACRES±

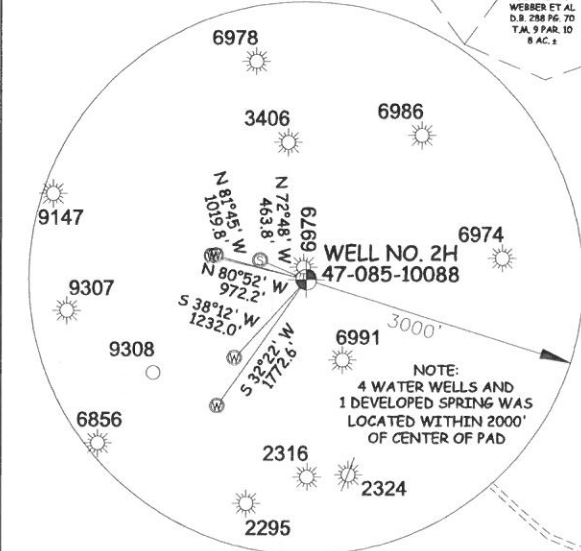
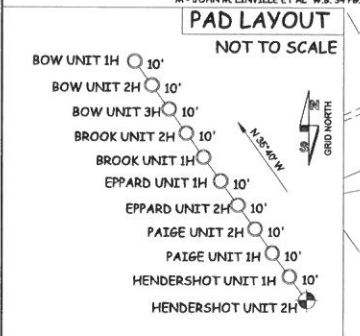
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) **(X) AS DRILLED** PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION **MARCELLUS** ESTIMATED DEPTH **6,418' TVD 15,270' MD**

WELL OPERATOR **ANTERO RESOURCES CORP.** DESIGNATED AGENT **DIANNA STAMPER**
ADDRESS **1615 WYNKOOP STREET** ADDRESS **CT CORPORATION SYSTEM**
DENVER, CO 80202 **5400 D BIG TYLER ROAD**
CHARLESTON, WV 25313

DATE **05/12/15**
OPERATOR'S WELL # **HENDERSHOT UNIT #2H**

API WELL # **47-085-10088**
STATE **47** COUNTY **085** PERMIT **10088**

COUNTY NAME **RITCHIE**
PERMIT



AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 294,562ft E: 1,585,816ft
LAT: 39°17'58.15" LON: 80°57'49.01"
BOTTOM HOLE INFORMATION:
N: 287,027ft E: 1,589,895ft
LAT: 39°16'44.32" LON: 80°56'55.57"
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: 4,350,021m E: 503,152m
BOTTOM HOLE INFORMATION:
N: 4,347,746m E: 504,433m

- 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.