

- A - MARVIN PHILLIPS ET AL. D.B. 269 PG. 227 T.M. 9 PAR. 34.2 1.03 AC.
- B - G.C.J.W. D.B. 283 PG. 265 T.M. 9 PAR. 47.1 0.41 AC.
- C - G.C.J.W. D.B. 283 PG. 265 T.M. 9 PAR. 47.5 0.51 AC.
- D - GEORGE L. NEELY ET AL. D.B. 282 PG. 158 T.M. 9 PAR. 47.3 1.17 AC.

LINE	BEARING	DISTANCE
L1	S 17°37' W	1406.96'
L2	S 20°55' W	1754.60'
L3	S 37°27' W	1288.62'
L4	S 43°37' W	1274.56'
L5	S 47°41' W	1243.67'
L6	S 53°30' W	1210.25'
L7	S 80°05' W	1089.05'
L8	S 81°27' W	1062.21'
L9	N 79°53' W	1791.03'
L10	N 63°35' W	1347.08'
L11	N 56°51' W	1097.09'
L12	N 52°04' W	1203.83'
L13	N 02°18' W	1049.33'
L14	N 12°44' E	1814.44'
L15	N 13°50' E	1143.47'
L16	N 22°31' E	1819.62'
L17	N 25°07' E	1643.20'
L18	N 34°35' E	1433.31'
L19	N 37°51' E	1866.04'
L20	N 38°36' E	1549.05'
L21	N 38°51' E	1545.01'
L22	N 61°00' E	1864.85'
L23	S 62°08' E	1749.53'
L24	S 51°44' E	1320.37'

**AS DRILLED DATA:**  
**WELL 2H TOP HOLE INFORMATION:**  
 N: 284,666ft E: 1,608,535ft  
 LAT: 39°16'23.90" LON: 80°52'58.10"  
**BOTTOM HOLE INFORMATION:**  
 N: 278,281ft E: 1,612,820ft  
 LAT: 39°15'21.44" LON: 80°52'02.38"  
**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.

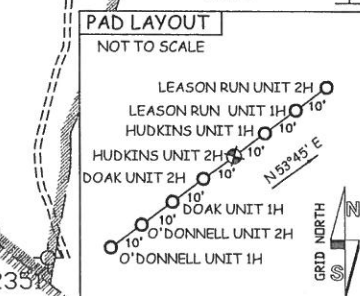
(NAD) 83 (UTM) ZONE 17 COORDS:  
**WELL 2H TOP HOLE INFORMATION:**  
 N: 4,347,122m E: 510,124m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,345,198m E: 511,461m

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 1,083' ORIGINAL - 1,057' AS-DRILLED WATERSHED NORTH FORK HUGHES RIVER  
 QUADRANGLE PENNSBORO 7.5' (TOP HOLE) WEST UNION 7.5' (BOTTOM HOLE) DISTRICT CENTRAL COUNTY DODDRIDGE  
 SURFACE OWNER ALVADORE MCCLOY JR ET UX ACREAGE 17.98 ACRES +/-  
 OIL & GAS ROYALTY OWNER BRENDA MILLER; CONSTANCE KAY GRIFFITH ET AL.; ROBERT SMITH ET AL.; DELORES REED ET AL.; LEASE ACREAGE 39.152 ACRES+; 50 ACRES+; 75 ACRES+; 75.6 ACRES+;  
 CLYDE DOTSON ET UX; DBW FARM MINERALS TRUST; HOMER MASON ET AL.; ERIE D. SHEETS ET UX; WILLIAM HUFFORD 50 ACRES+; 98 ACRES+; 62 ACRES+; 24 ACRES+; 141 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  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,593' TVD 13,747' 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



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

- NOTE**
- 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.
  - TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
  - AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
  - 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.
  - WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.
  - THIS WELL BORE IS SUBJECT TO THAT 60 FOOT STRIP OF LAND KNOWN AS THE OLD SISTERVILLE AND SALEM TURNPIKE WHICH MAY OR MAY NOT COINCIDE WITH THE CURRENT LOCATION OF WV STATE ROUTE 23 IN THIS AREA.



JOB # 13-089WA  
 DRAWING # HUDKINS2HAD  
 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 07/09/15  
 OPERATOR'S WELL # HUDKINS UNIT #2H  
 API WELL # 47 - 017 - 06436  
 STATE COUNTY PERMIT

COUNTY NAME PERMIT  
 DIANNA STAMPER  
 CT CORPORATION SYSTEM  
 5400 D BIG TYLER ROAD  
 CHARLESTON, WV 25313