

LATITUDE 39°17'30"

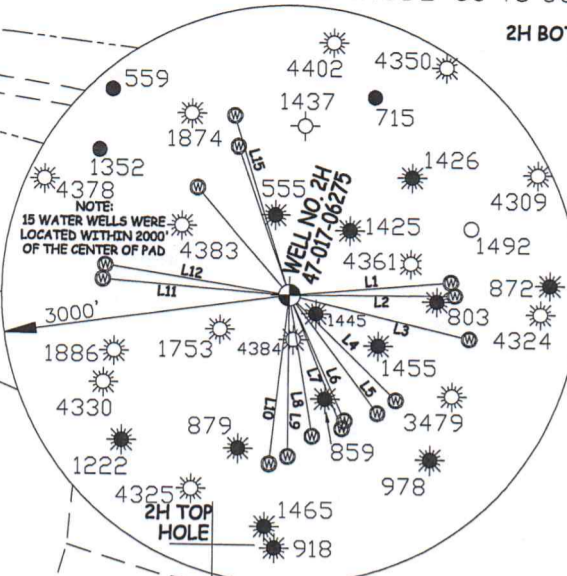
4,410'

204' TO BOTTOM HOLE  
LATITUDE 39°15'00"

756' TO BOTTOM HOLE  
LONGITUDE 80°50'00"

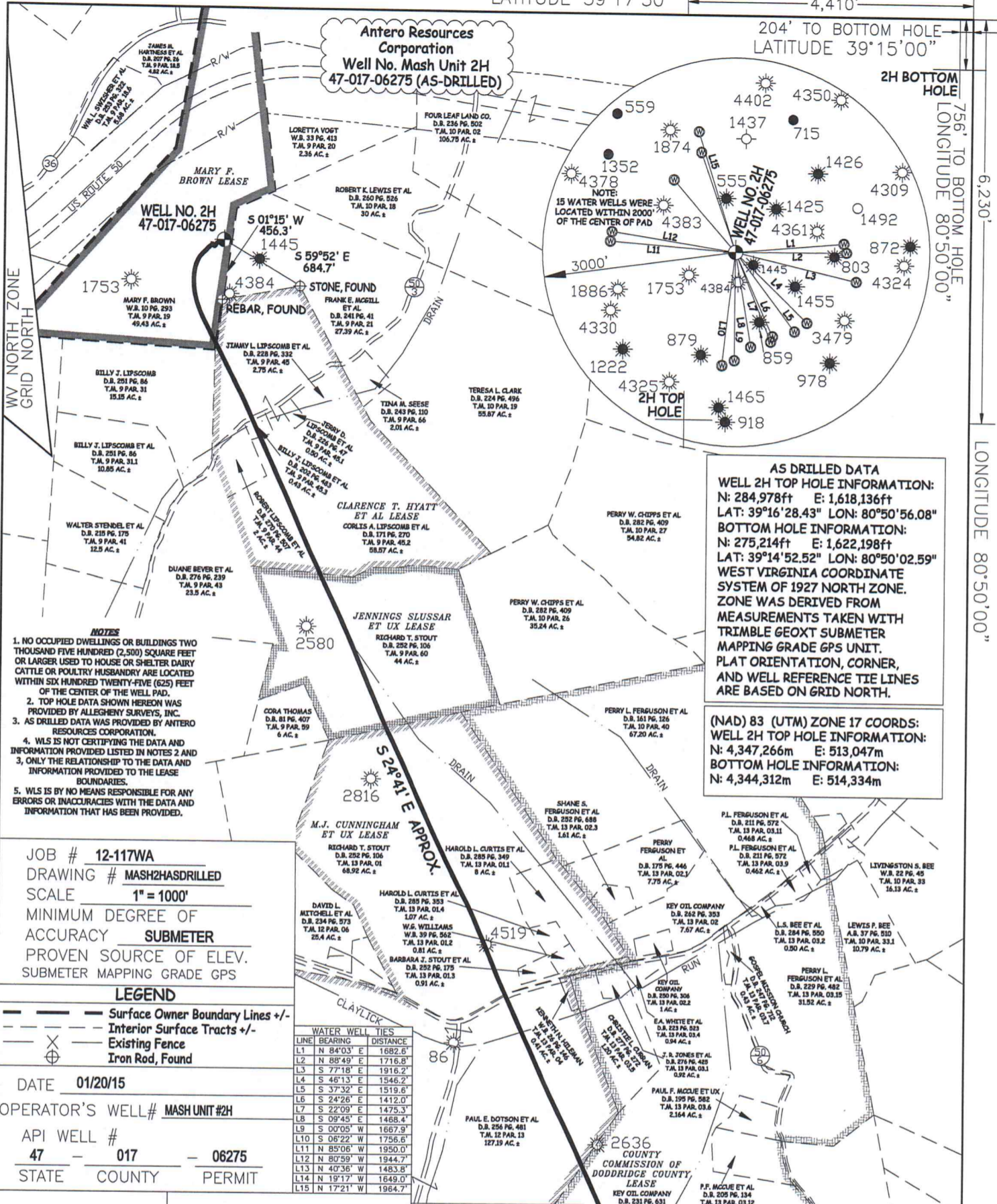
LONGITUDE 80°50'00"

### Antero Resources Corporation Well No. Mash Unit 2H 47-017-06275 (AS-DRILLED)



**AS DRILLED DATA**  
**WELL 2H TOP HOLE INFORMATION:**  
 N: 284,978ft E: 1,618,136ft  
 LAT: 39°16'28.43" LON: 80°50'56.08"  
**BOTTOM HOLE INFORMATION:**  
 N: 275,214ft E: 1,622,198ft  
 LAT: 39°14'52.52" LON: 80°50'02.59"  
 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: 4,347,266m E: 513,047m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,344,312m E: 514,334m



- NOTES**
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 # 12-117WA  
 DRAWING # MASH2HASDRILLED  
 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  
 --- Iron Rod, Found

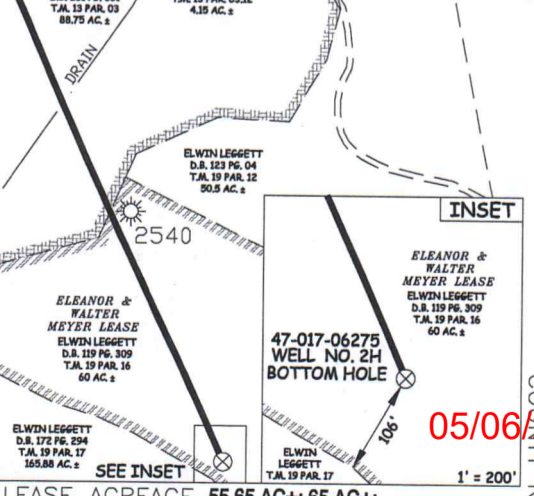
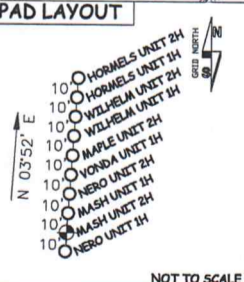
DATE 01/20/15  
 OPERATOR'S WELL# MASH UNIT #2H  
 API WELL # 47 - 017 - 06275  
 STATE COUNTY PERMIT



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

**WATER WELL TIES**

| LINE | BEARING    | DISTANCE |
|------|------------|----------|
| L1   | N 84°03' E | 1682.6'  |
| L2   | N 89°49' E | 1716.8'  |
| L3   | S 77°18' E | 1918.2'  |
| L4   | S 48°13' E | 1546.2'  |
| L5   | S 37°32' E | 1519.6'  |
| L6   | S 24°26' E | 1412.0'  |
| L7   | S 22°09' E | 1475.3'  |
| L8   | S 09°45' E | 1468.4'  |
| L9   | S 00°05' W | 1667.9'  |
| L10  | S 06°22' W | 1756.6'  |
| L11  | N 85°06' W | 1950.0'  |
| L12  | N 80°59' W | 1944.7'  |
| L13  | N 40°36' W | 1483.8'  |
| L14  | N 19°17' W | 1649.0'  |
| L15  | N 17°21' W | 1964.7'  |



STATE OF WEST VIRGINIA DEPT. OF ENERGY DIVISION OF OIL AND GAS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION \_\_\_ STORAGE X DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1,165.5' WATERSHED TRIBUTARY OF WILHELM RUN  
 QUADRANGLE WEST UNION 7.5' (TH) OXFORD 7.5' (BH) DISTRICT CENTRAL COUNTY DODDRIDGE  
 SURFACE OWNER MARY F. BROWN ACREAGE 49.43 ACRES +/-

OIL & GAS ROYALTY OWNER MARY F. BROWN; CLARENCE T. HYATT ET AL; LEASE ACREAGE 55.65 AC±; 65 AC±;  
JENNINGS SLUSSAR ET UX; M.J. CUNNINGHAM ET UX; COUNTY COMMISSION OF DODDRIDGE COUNTY; ELEANOR & WALTER MEYER 44 AC ±; 228 AC±; 237 AC±; 90 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 PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,757' TVD 17,158' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
DENVER, CO 80202 CHARLESTON, WV 25313

05/06/2022