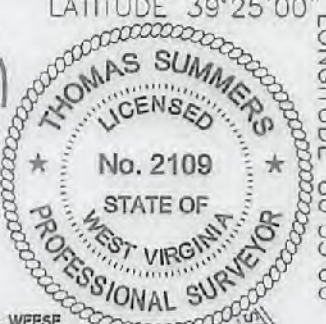
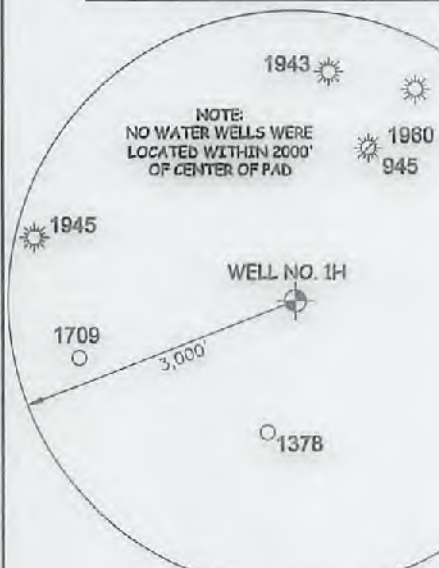
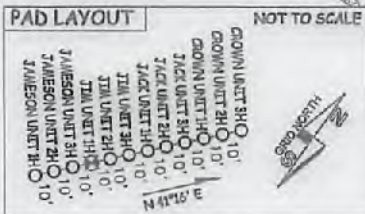


LATITUDE 39°27'30"

5,957'

Antero Resources Corporation  
Well No. Jim Unit 1H  
47-095-02408

**NOTES:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 338,859ft E: 1,593,844ft  
 LAT: 39°25'17.21" LON: 80°56'15.91"  
**BOTTOM HOLE INFORMATION:**  
 N: 327,905ft E: 1,595,185ft  
 LAT: 39°23'29.16" LON: 80°55'56.60"  
 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: 4,363,557m E: 505,372m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,360,227m E: 505,837m



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAND SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

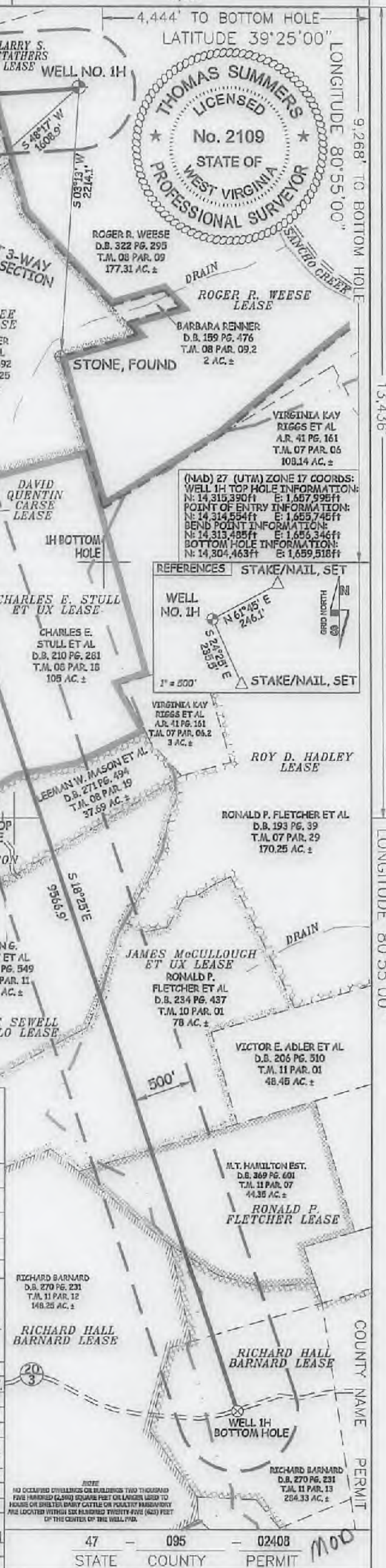
JOB # 14-128WA  
 DRAWING # JIM1HR3  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

**LEGEND**  
 - - - Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 - - - Existing Fence  
 ⊕ Found monument, as noted

*Thomas Summers*  
 THOMAS SUMMERS P.S. 2109  
 DATE 07/10/18  
 OPERATOR'S WELL# JIM UNIT #1H

WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS") PRODUCTION  STORAGE DEEP SHALLOW   
 LOCATION: ELEVATION 1,005' - AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK  
 QUADRANGLE MIDDLEBOURNE 7.6 DISTRICT MEADE COUNTY TYLER  
 SURFACE OWNER ROGER R. WEESE ACREAGE 177.31 ACRES +/-  
 OIL & GAS ROYALTY OWNER ROGER R. WEESE; JAMES A. SMITH; STEVEN P. CARSE;  
 RONNIE LEE SMITH; DAVID QUENTIN CARSE; DAVID QUENTIN CARSE; DAVID QUENTIN CARSE; CHARLES E. STULL ET UX; LEEMAN W. MASON ET UX; GRACE SEWELL DeCARLO; JAMES McCULLOUGH ET UX; RONALD P. FLETCHER; RICHARD HALL BARNARD  
 OIL & GAS ROYALTY OWNER 196,709 AC±; 31,919 AC±; 81.57 AC±; 97,544 AC±;  
 3,623 AC±; 14,022 AC±; 10 AC±; 105 AC±; 37.69 AC±; 85.52 AC±; 78 AC±; 44.35 AC±; 284.33 AC±  
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER  REDRILL  
 FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PLUG & ABANDON CLEAN OUT & REPLUG PERFORATE NEW FORMATION   
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL  
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 20,800' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 26313



**NOTE:**  
 NO OCCUPIED BUILDINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR PASTURE HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

47 - 095 - 02408  
 STATE COUNTY PERMIT

9,268' TO BOTTOM HOLE  
 LONGITUDE 80°55'00"