

LATITUDE 39°27'30"

5,952'

3,970' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°55'00"

13,428'

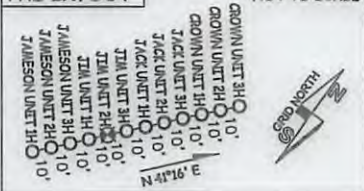
LONGITUDE 80°55'00"

Antero Resources Corporation Well No. Jim Unit 2H

NOTES:

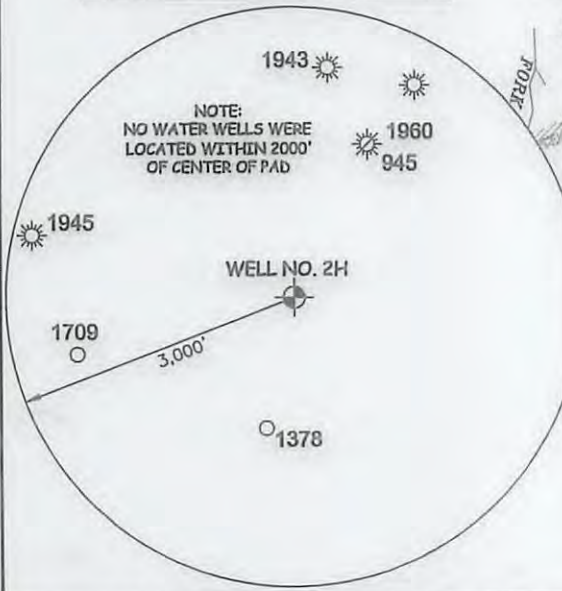
WELL 2H TOP HOLE INFORMATION: N: 338,868ft E: 1,593,850ft LAT: 39°25'17.29" LON: 80°56'15.84" BOTTOM HOLE INFORMATION: N: 327,997ft E: 1,595,660ft LAT: 39°23'30.14" LON: 80°55'50.57" WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER 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: 4,363,560m E: 505,374m BOTTOM HOLE INFORMATION: N: 4,360,257m E: 505,981m

PAD LAYOUT



NOT TO SCALE

NOTE: NO WATER WELLS WERE LOCATED WITHIN 2000' OF CENTER OF PAD

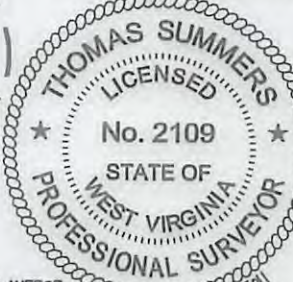


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



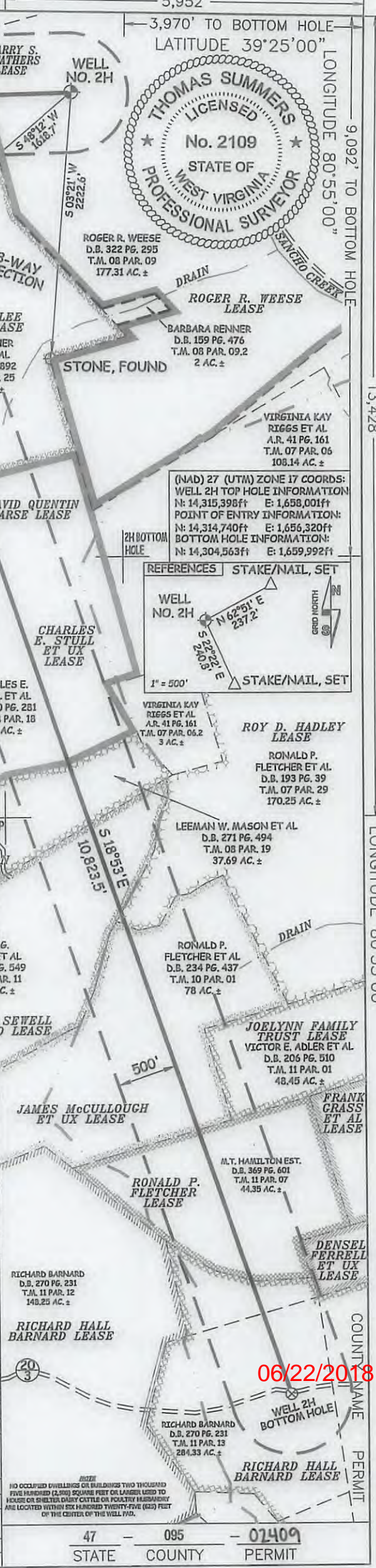
Form containing job details: JOB # 14-128WA, DRAWING # JIM2HR2, SCALE 1" = 1000', MINIMUM DEGREE OF ACCURACY SUBMETER, PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS, STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS, DATE 02/19/18, OPERATOR'S WELL# JIM UNIT #21H, WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL, LOCATION: ELEVATION 1,005' - PROPOSED 1,032' - ORIGINAL WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MADE 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; CHARLES E. STULL ET UX; LEEMAN W. MASON ET UX; GRACE SEWELL DeCARLO; ROY D. HADLEY; JAMES McCULLOUGH ET UX; RONALD P. FLETCHER; RICHARD HALL BARNARD, OIL & GAS ROYALTY OWNER 196.709 AC±; 31.91 AC±; 81.57 AC±; 97.544 AC±; 105 AC±; 37.69 AC±; 85.52 AC±; 170.25 AC±; 78 AC±; 44.35 AC±; 284.33 AC±, PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL, FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION, PLUG & ABANDON CLEAN OUT & REPLUG PERFORATE NEW FORMATION X, OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - BHL, TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 20,150' 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 25313

LEGEND table with symbols for Surface Owner Boundary Lines +/-, Interior Surface Tracts +/-, Existing Fence, and Found monument, as noted.

THOMAS SUMMERS P.S. 2109

DATE 02/19/18 OPERATOR'S WELL# JIM UNIT #21H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X LOCATION: ELEVATION 1,005' - PROPOSED 1,032' - ORIGINAL WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MADE 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; CHARLES E. STULL ET UX; LEEMAN W. MASON ET UX; GRACE SEWELL DeCARLO; ROY D. HADLEY; JAMES McCULLOUGH ET UX; RONALD P. FLETCHER; RICHARD HALL BARNARD OIL & GAS ROYALTY OWNER 196.709 AC±; 31.91 AC±; 81.57 AC±; 97.544 AC±; 105 AC±; 37.69 AC±; 85.52 AC±; 170.25 AC±; 78 AC±; 44.35 AC±; 284.33 AC± PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PLUG & ABANDON CLEAN OUT & REPLUG PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - BHL TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 20,150' MD DIANNA STAMPER CT CORPORATION SYSTEM 5400 D BIG TYLER ROAD CHARLESTON, WV 25313



06/22/2018

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