

LATITUDE 39°27'30"

5,952'

4,802' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°55'00"

13,428'

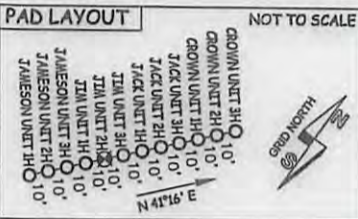
LONGITUDE 80°55'00"

NOTE: NO OCCUPIED BUILDINGS OR BUILDINGS TWO TO THOUSAND FIVE HUNDRED (2,000) 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.

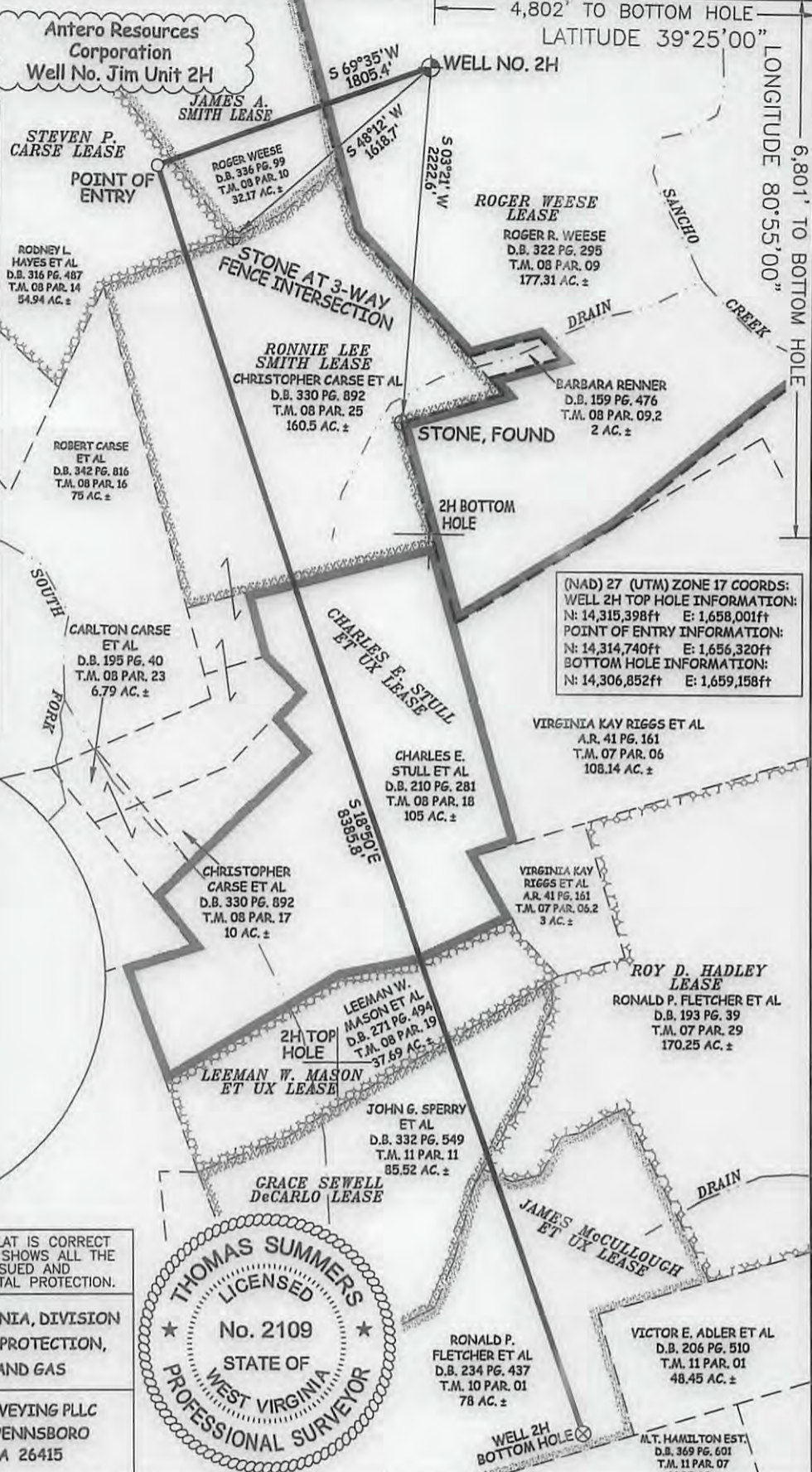
Antero Resources Corporation Well No. Jim Unit 2H

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: 330,301ft E: 1,594,864ft LAT: 39°23'52.78" LON: 80°56'01.18" 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.

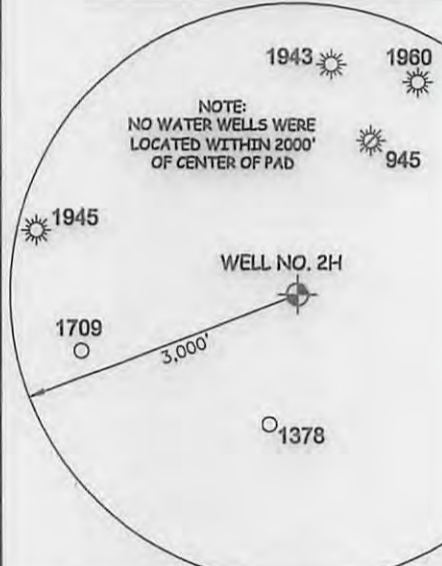
(NAD) 83 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 4,363,560m E: 505,374m BOTTOM HOLE INFORMATION: N: 4,360,955m E: 505,727m



WV NORTH ZONE GRID NORTH



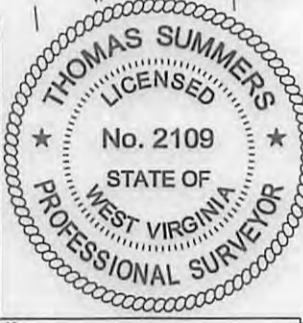
(NAD) 27 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 14,315,398ft E: 1,658,001ft POINT OF ENTRY INFORMATION: N: 14,314,740ft E: 1,656,320ft BOTTOM HOLE INFORMATION: N: 14,306,852ft E: 1,659,158ft



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.

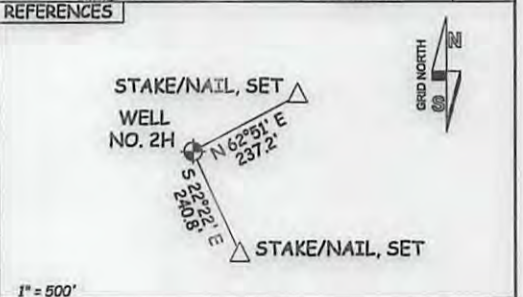


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS. WILLOW LAND SURVEYING PLLC, 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 14-128WA, DRAWING # JIM2HR1, 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

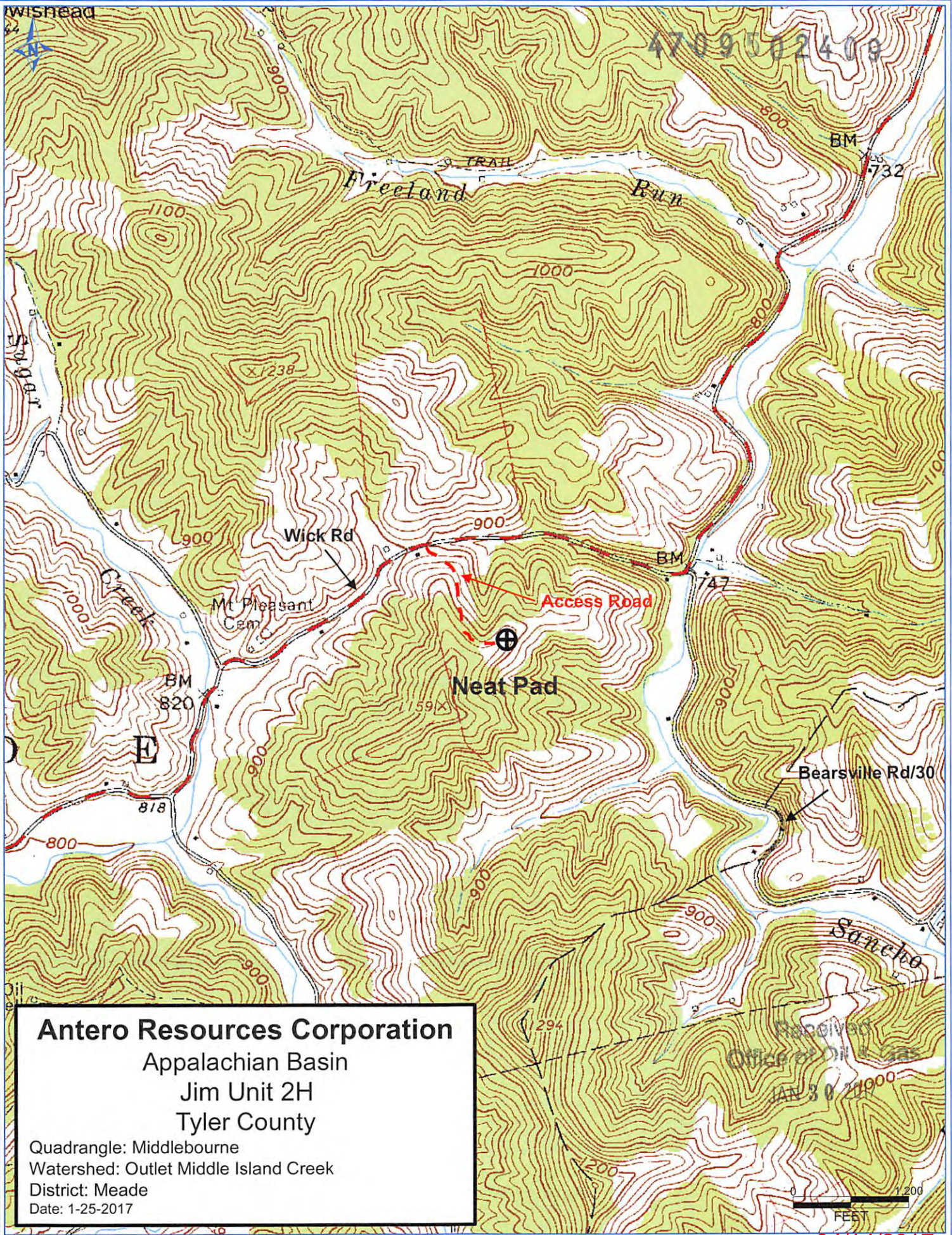
LEGEND: Surface Owner Boundary Lines +/-, Interior Surface Tracts +/-, Existing Fence, Found monument, as noted. THOMAS SUMMERS P.S. 2109, DATE 01/23/17, OPERATOR'S WELL# JIM UNIT #2H



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02409 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,005' - PROPOSED 1,032' - ORIGINAL WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MEADE COUNTY TYLER SURFACE OWNER ROGER R. WEESE ACREAGE 177.31 ACRES +/- OIL & GAS ROYALTY OWNER ROGER WEESE; JAMES A. SMITH; STEVEN P. CARSE; RONNIE LEE SMITH; LEASE ACREAGE 196.709 AC±; 31.919 AC±; 81.57 AC±; 97.544 AC±; CHARLES E. STULL ET UX; LEEMAN W. MASON ET UX; GRACE SEWELL DeCARLO; ROY D. HADLEY; JAMES McCULLOUGH ET UX 105 AC±; 37.69 AC±; 85.52 AC±; 170.25 AC±; 78 AC± PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 16,000' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

04/14/2017

COUNTY NAME PERMIT



04/14/2017