

LATITUDE 39°27'30"

5,957'

5,426' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°55'00"

13,436'

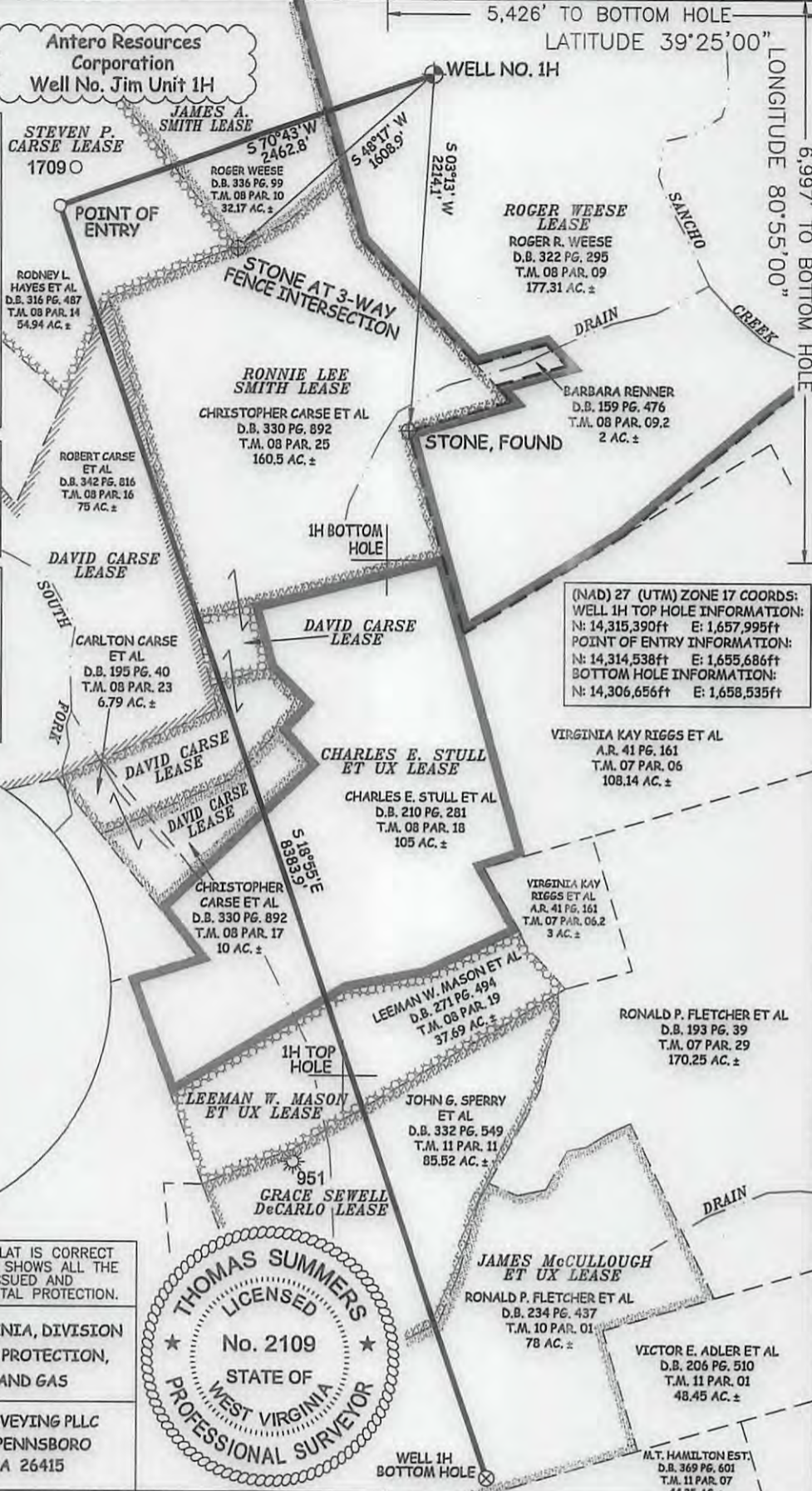
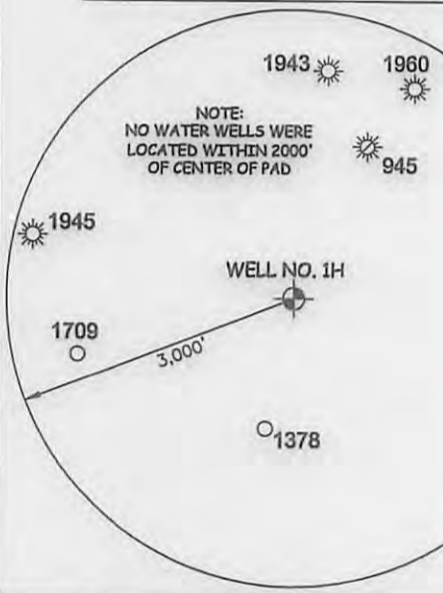
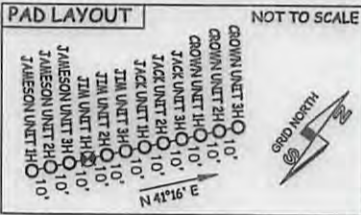
LONGITUDE 80°55'00"

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.

Antero Resources Corporation Well No. Jim Unit 1H

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: 330,115ft E: 1,594,237ft LAT: 39°23'50.85" LON: 80°56'09.12" WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 660XT 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: 4,360,895m E: 505,537m

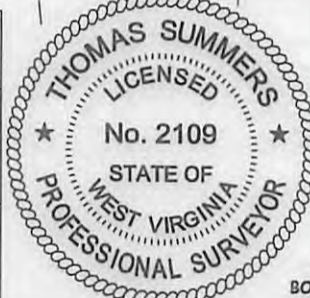


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



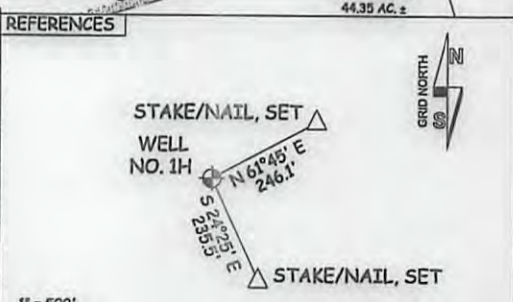
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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



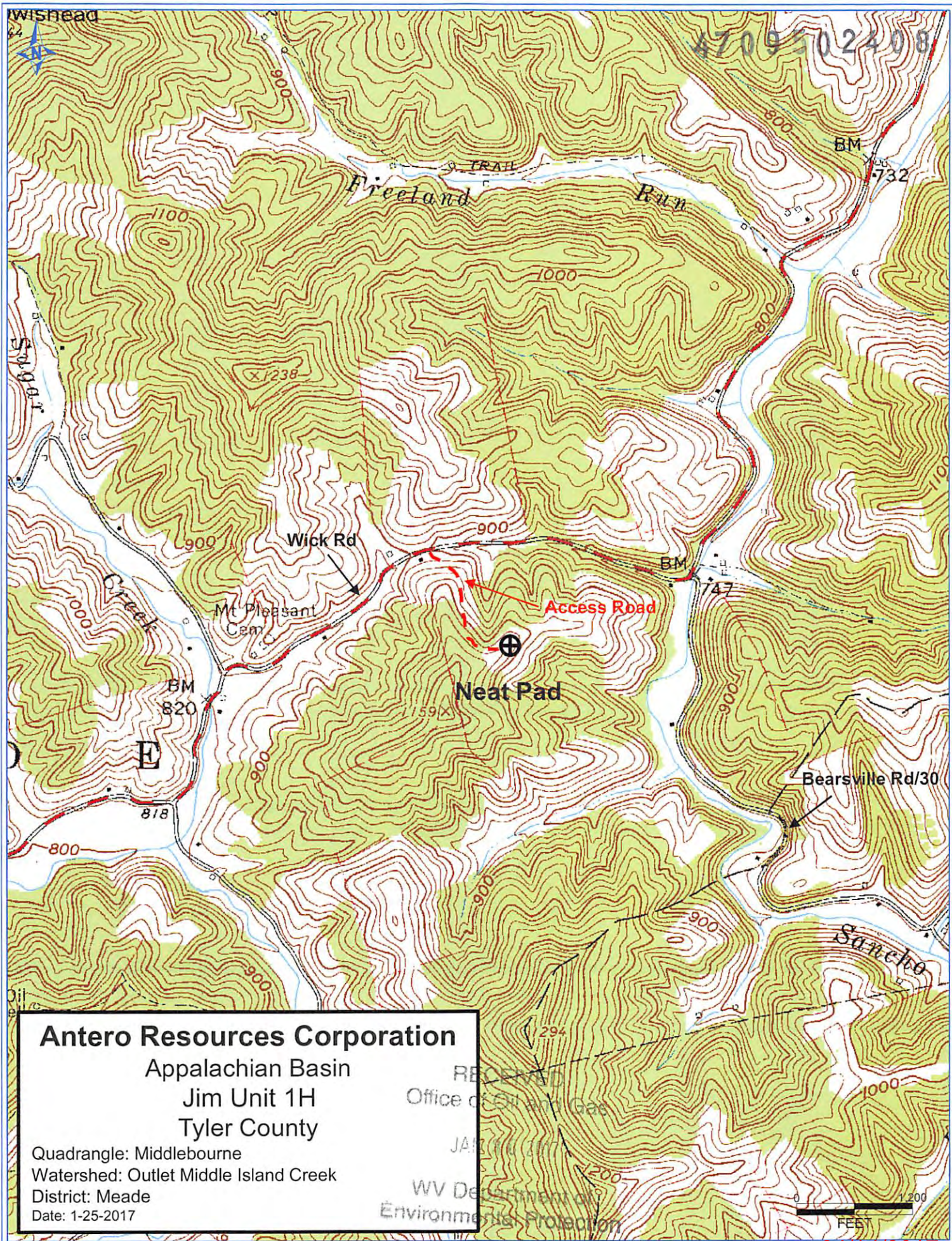
JOB # 14-128WA DRAWING # JIM1HR1 SCALE 1" = 1000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

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 #1H



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 095 - 02408 (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; DAVID CARSE; RONNIE LEE SMITH; LEASE ACREAGE 198,709 AC±; 31,919 AC±; 81.57 AC±; 75 AC±; 97.54 AC±; DAVID CARSE; DAVID CARSE; CHARLES E. STULL ET UX; LEEMAN W. MASON ET UX; GRACE SEWELL DeCARLO; JAMES McCULLOUGH ET UX. 3,623 AC±; 14,022 AC±; 10 AC±; 105 AC±; 37.69 AC±; 85.52 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 17,000' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

04/14/2017



Antero Resources Corporation

Appalachian Basin
Jim Unit 1H
Tyler County

Quadrangle: Middlebourne
Watershed: Outlet Middle Island Creek
District: Meade
Date: 1-25-2017

RECEIVED
Office of Oil and Gas
JAN 20 2017
WV Department of
Environmental Protection



04/14/2017