

LATITUDE 39°27'30"

8,185'

2,767' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°52'30"

12,101'

LONGITUDE 80°52'30"

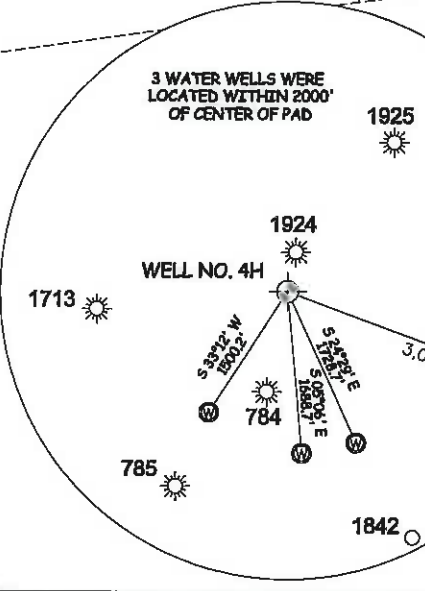
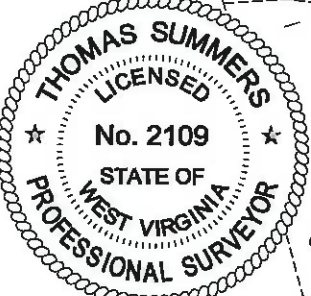
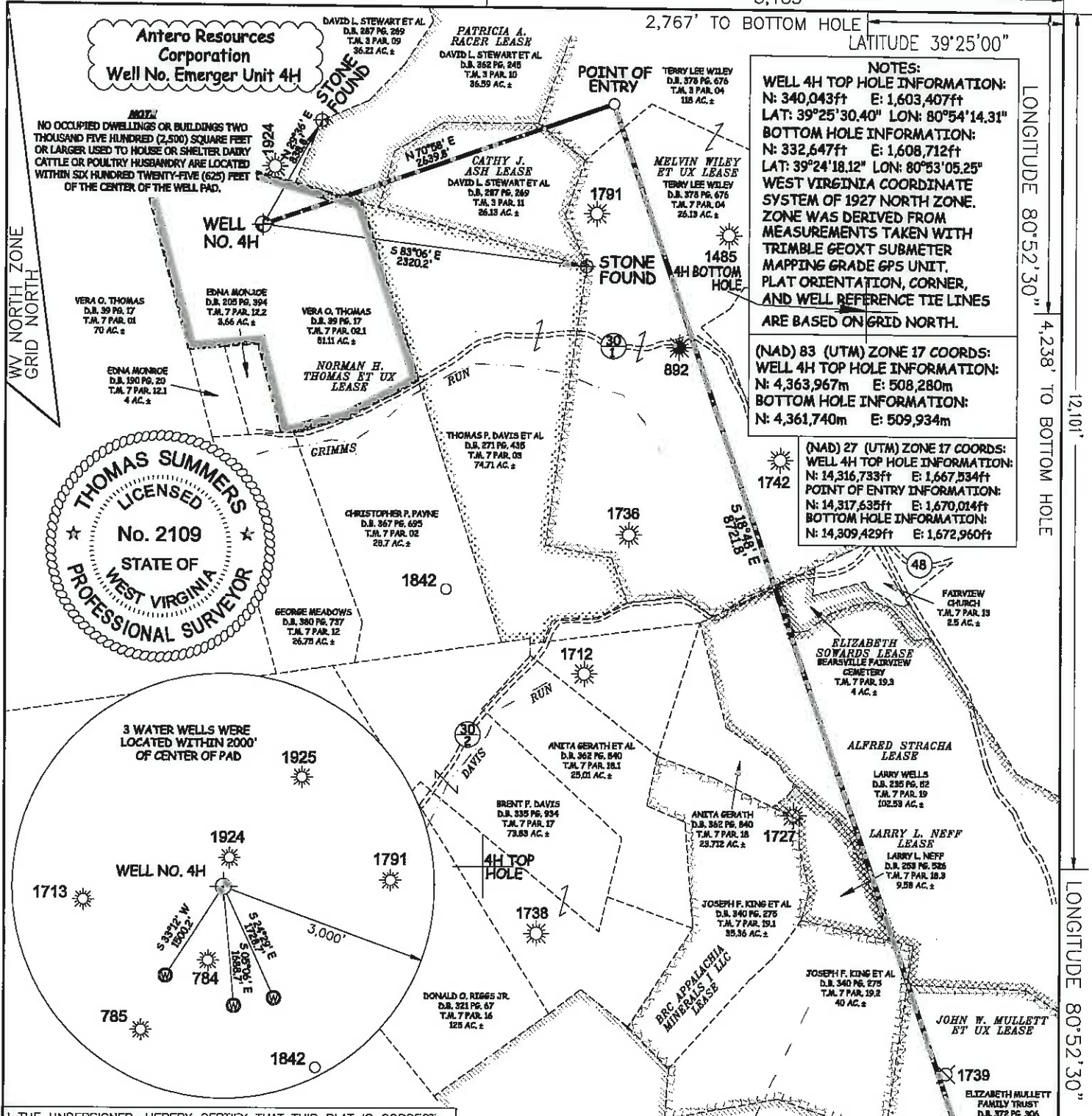
Antero Resources Corporation Well No. Emerger Unit 4H

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.

NOTES: WELL 4H TOP HOLE INFORMATION: N: 340,043ft E: 1,603,407ft LAT: 39°25'30.40" LON: 80°54'14.31" BOTTOM HOLE INFORMATION: N: 332,647ft E: 1,608,712ft LAT: 39°24'18.12" LON: 80°53'05.25" 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 4H TOP HOLE INFORMATION: N: 4,363,967m E: 508,280m BOTTOM HOLE INFORMATION: N: 4,361,740m E: 509,934m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 4H TOP HOLE INFORMATION: N: 14,316,733ft E: 1,667,334ft POINT OF ENTRY INFORMATION: N: 14,317,635ft E: 1,670,014ft BOTTOM HOLE INFORMATION: N: 14,309,429ft E: 1,672,960ft



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.

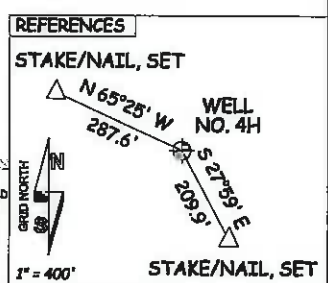


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS. WILLLOW LAND SURVEYING PLLC, 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

PAD LAYOUT NOT TO SCALE. Table listing well units: MYSTIS UNIT 1H-3H, ANT UNIT 1H-3H, SAN JUAN UNIT 1H-3H, EMERGER UNIT 1H-3H.

JOB # 16-020WA DRAWING # EMERGER4H 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, Found monument, as noted. THOMAS SUMMERS P.S. 2109 DATE 07/20/16 OPERATOR'S WELL# EMERGER UNIT #4H



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 095 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,168' - ORIGINAL 1,145' - PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT CENTERTVILLE COUNTY TYLER 01/27/2017 SURFACE OWNER VERA O. THOMAS ACREAGE 51.11 ACRES +/- OIL & GAS ROYALTY OWNER NORMAN H. THOMAS ET UX; PATRICIA A. RACER; CATHY J. ASH; MELVIN WILEY ET UX; ALFRED STRACHA; BRC APPALACHIA MINERALS I LLC; JOHN W. MULLETT ET UX; CARL W. ASH LEASE ACREAGE 125 AC +/- 36.59 AC +/- 30 AC +/- 553.18 AC +/- 101.2 AC +/- 79.74 AC +/- 45 AC +/- 362.8 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 6,800' TVD 16,500' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD DENVER, CO 80202 CHARLESTON, WV 25313