

LATITUDE 39°27'30"

8,217'

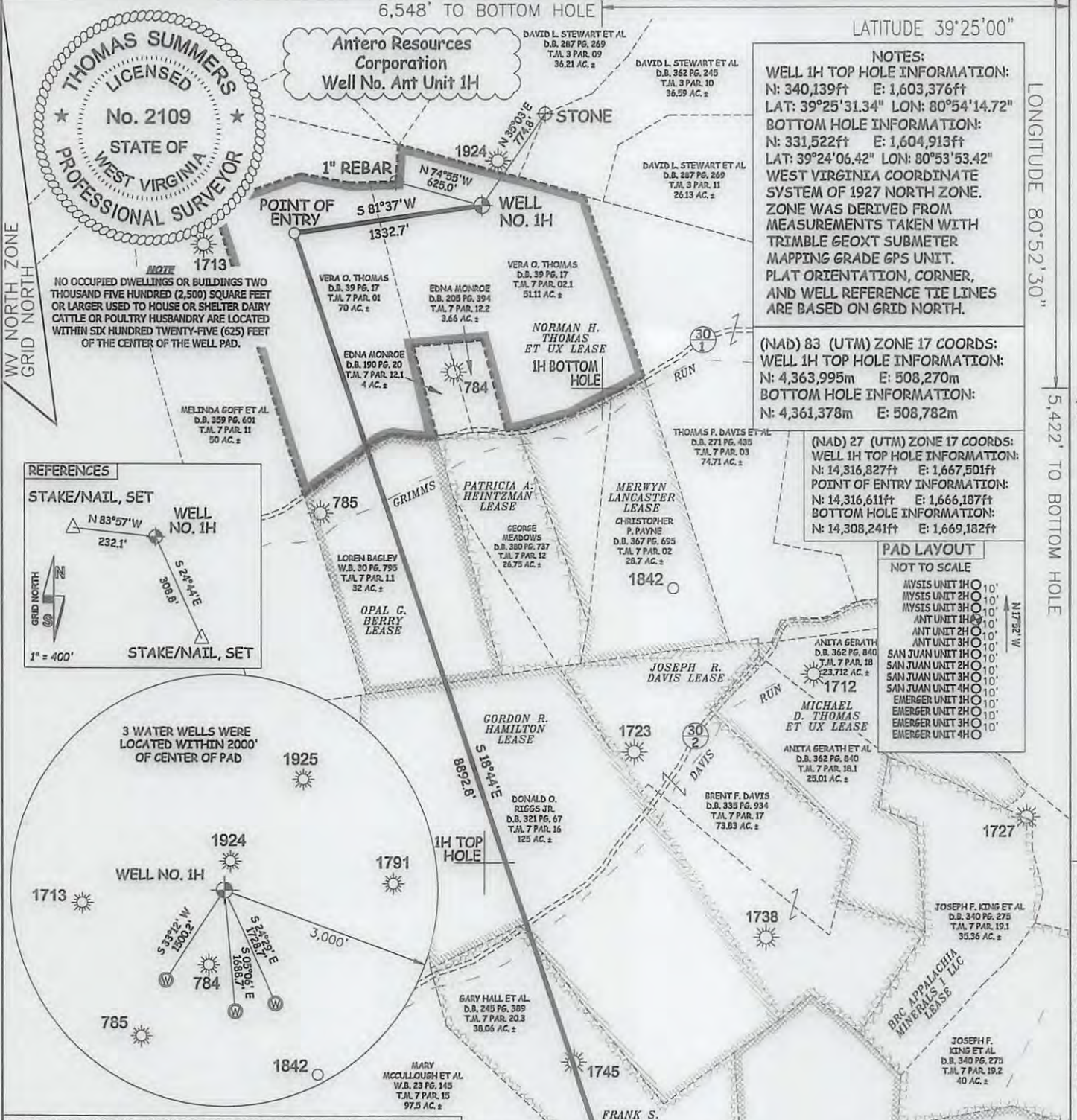
LATITUDE 39°25'00"

6,548' TO BOTTOM HOLE

LONGITUDE 80°52'30"

12,006'

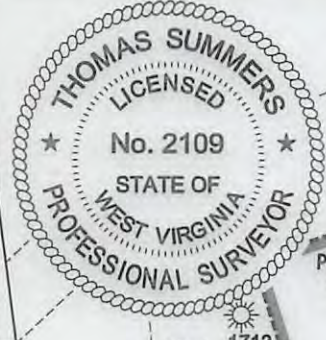
LONGITUDE 80°52'30"



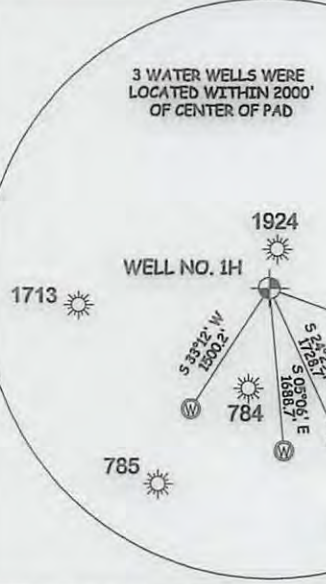
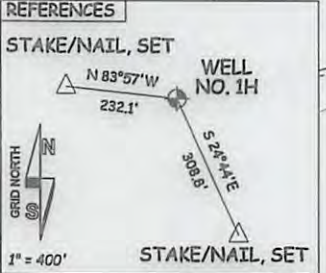
NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 340,139ft E: 1,603,376ft
 LAT: 39°25'31.34" LON: 80°54'14.72"
 BOTTOM HOLE INFORMATION:
 N: 331,522ft E: 1,604,913ft
 LAT: 39°24'06.42" LON: 80°53'53.42"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,363,995m E: 508,270m
 BOTTOM HOLE INFORMATION:
 N: 4,361,378m E: 508,782m

(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,316,827ft E: 1,667,501ft
 POINT OF ENTRY INFORMATION:
 N: 14,316,611ft E: 1,666,187ft
 BOTTOM HOLE INFORMATION:
 N: 14,308,241ft E: 1,669,182ft



NOTE
 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.



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 PERFORMED 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

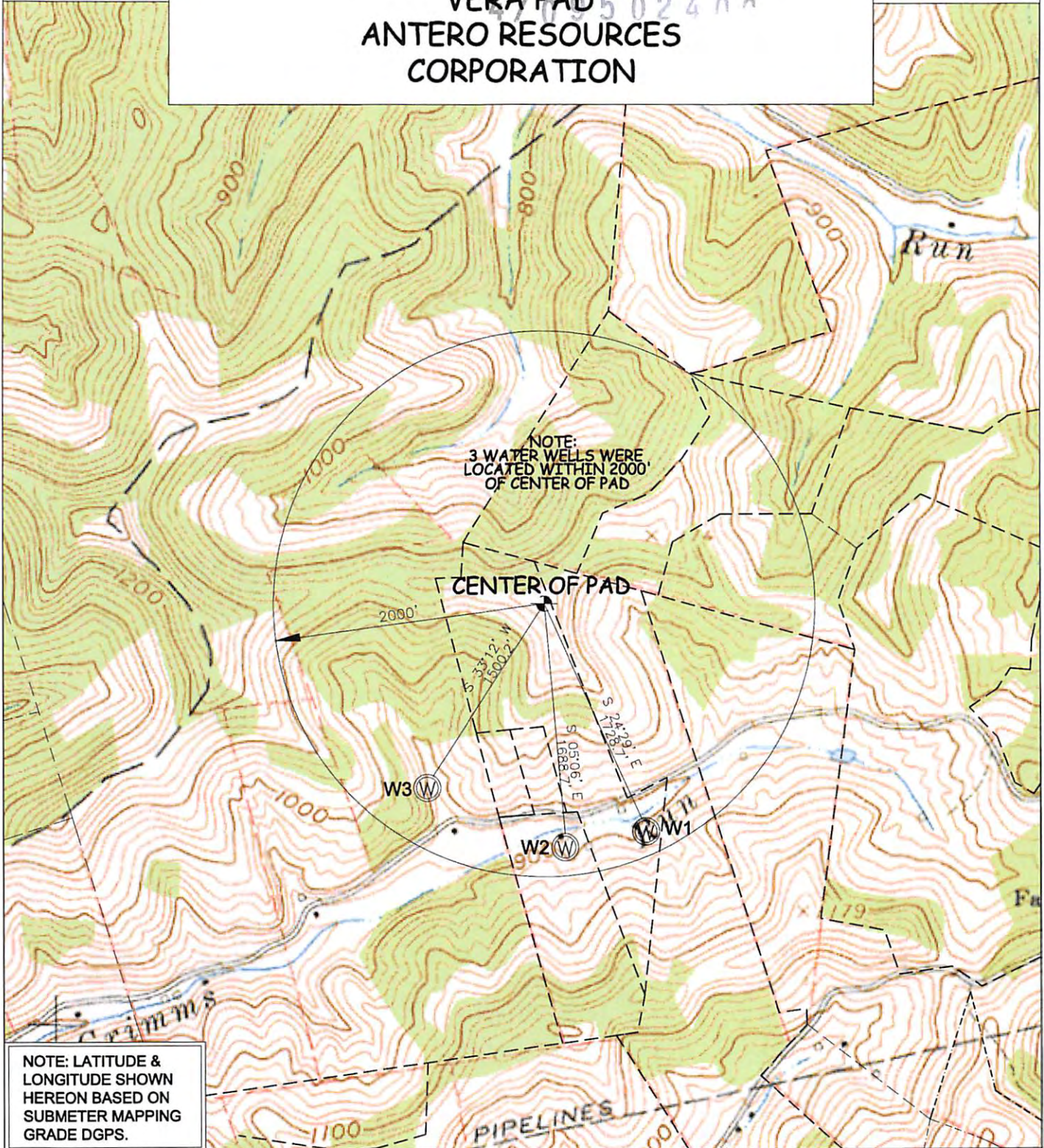
JOB # 16-045WA
 DRAWING # ANTH
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

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

THOMAS SUMMERS P.S. 2109
 DATE 08/09/16
 OPERATOR'S WELL# ANTUNIT#1H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02400 H6A
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW STATE COUNTY PERMIT COUNTY NAME
 LOCATION: ELEVATION 1,168' - ORIGINAL 1,145' - PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK 01/27/2017
 QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT CENTERVILLE COUNTY TYLER
 SURFACE OWNER VERA O. THOMAS ACREAGE 51.11 ACRES +/-
 OIL & GAS ROYALTY OWNER NORMAN H. THOMAS ET UX; OPEL G. BERRY; GORDON R. HAMILTON LEASE ACREAGE 125 AC.±; 32 AC.±; 125 AC.±;
 FRANK S. GRASS; GARY L. HALL ET UX; GARY L. HALL 38.06 AC.±; 12 AC.±; 80 AC.±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,100' TVD 16,600' 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

VERA PAD
ANTERO RESOURCES
CORPORATION



NOTE: LATITUDE & LONGITUDE SHOWN HEREON BASED ON SUBMETER MAPPING GRADE DGPS.

WELL	SURFACE OWNER	ADDRESS	DISTRICT-TAX MAP-PARCEL	WELL	LATITUDE	WELL	LONGITUDE
W1	VERA O. THOMAS	1150 GRIMMS RUN RD., MIDDLEBOURNE, WV 26149	1-7-1		39°25'15.57"		80°54'05.14"
W2	GEORGE S. MEADOWS	PO BOX 1332, SHADY SPRING, WV 25918	1-7-12		39°25'14.41"		80°54'12.33"
W3	VERA O. THOMAS	1150 GRIMMS RUN RD., MIDDLEBOURNE, WV 26149	1-7-2.1		39°25'18.47"		80°54'24.79"

WILLOW LAND SURVEYING, PLLC
P.O. BOX 17, PENNSBORO, WV 26415
(304) 659-1717

DATE: 4/13/16 DRAWN BY: J.C.W

TOPO SECTION(S) OF :
MIDDLEBOURNE 7.5'

JOB #: 16-020WA

FILE: VERAPADWATERMAP

