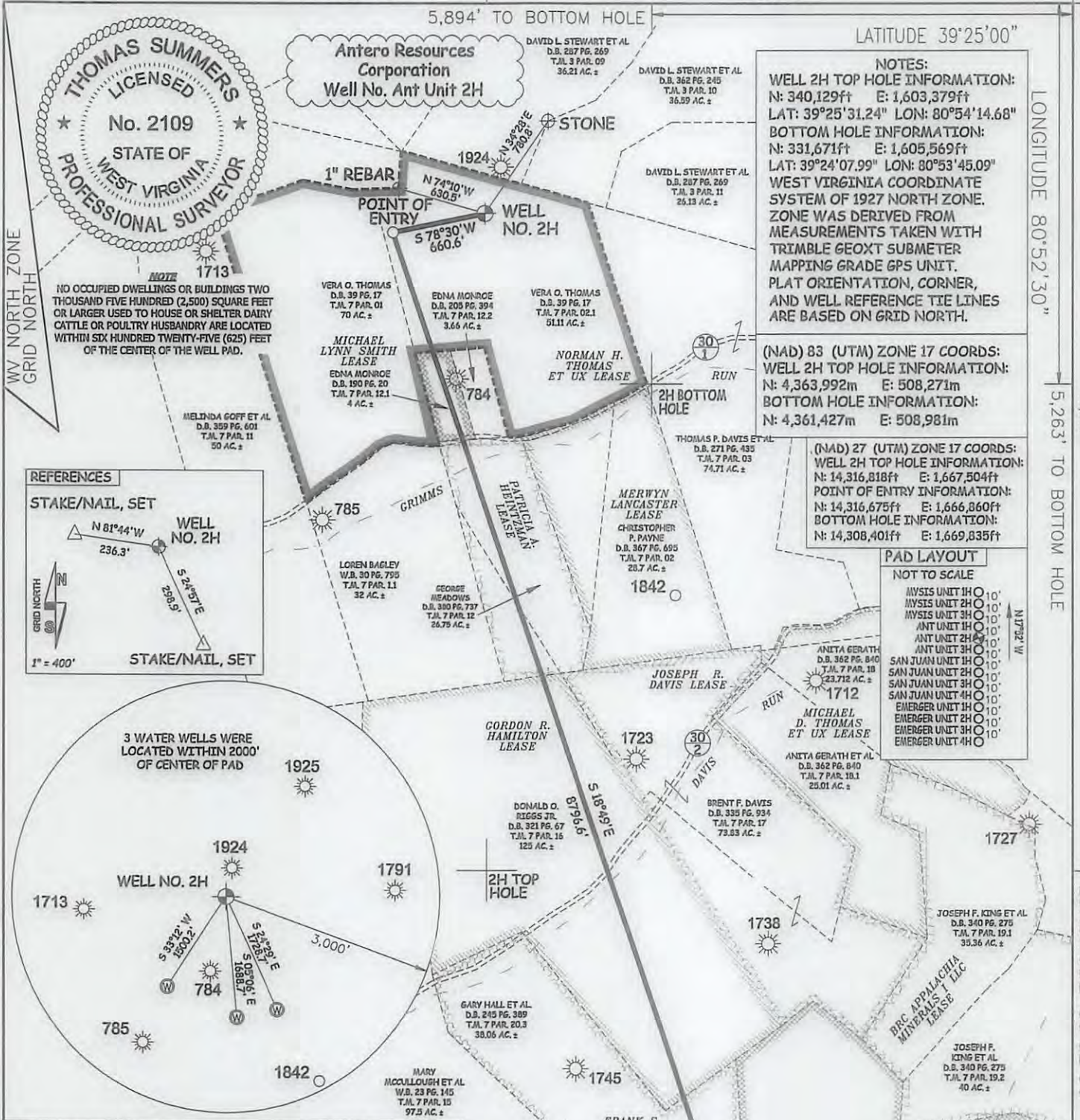


LATITUDE 39°27'30"

8,214'

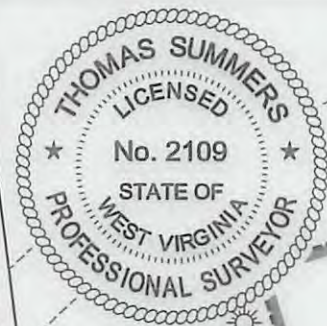
LATITUDE 39°25'00"



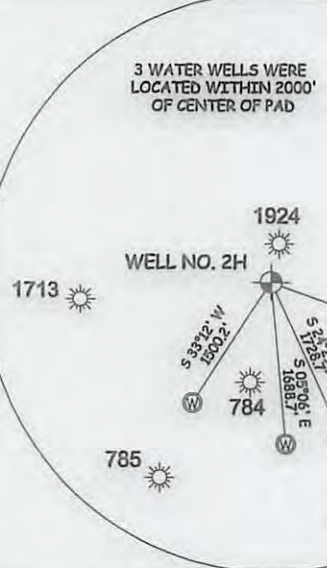
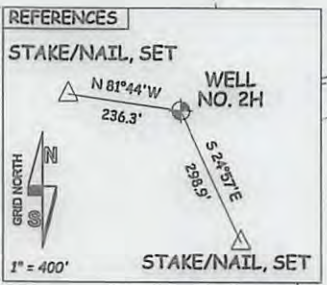
**NOTES:**  
**WELL 2H TOP HOLE INFORMATION:**  
 N: 340,129ft E: 1,603,379ft  
 LAT: 39°25'31.24" LON: 80°54'14.68"  
**BOTTOM HOLE INFORMATION:**  
 N: 331,671ft E: 1,605,569ft  
 LAT: 39°24'07.99" LON: 80°53'45.09"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS 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: 4,363,992m E: 508,271m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,361,427m E: 508,981m

**(NAD) 27 (UTM) ZONE 17 COORDS:**  
**WELL 2H TOP HOLE INFORMATION:**  
 N: 14,316,818ft E: 1,667,504ft  
**POINT OF ENTRY INFORMATION:**  
 N: 14,316,675ft E: 1,666,860ft  
**BOTTOM HOLE INFORMATION:**  
 N: 14,308,401ft E: 1,669,835ft



**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 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 # 16-045WA  
 DRAWING # ANT2H  
 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*  
 THOMAS SUMMERS P.S. 2109  
 DATE 08/09/16  
 OPERATOR'S WELL# ANT UNIT #2H

WELL TYPE: OIL \_\_\_ GAS **X** LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ 47 - NO 095 - 02401 MGA  
 (IF "GAS") PRODUCTION **X** STORAGE \_\_\_ DEEP \_\_\_ SHALLOW **X** STATE COUNTY 2016 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; MICHAEL LYNN SMITH; PATRICIA A. HEINTZMAN;** LEASE ACREAGE **125 AC.±; 3.66 AC.±; 36.59 AC.±;**  
**GORDON R. HAMILTON; FRANK S. GRASS; GARY L. HALL; CARL W. ASH** **125 AC.±; 38.06 AC.±; 80 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 **7,100' TVD 16,400' 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**



DATE: 4/13/16

DRAWN BY: J.C.W

FILE: VERAPADWATERMAP

(304) 659-1717

P.O. BOX 17, PENNSBORO, WV 26415

WILLOW LAND SURVEYING, PLLC

TOPO SECTION(S) OF: MIDDLEBOURNE 7.5

JOB #: 16-020WA

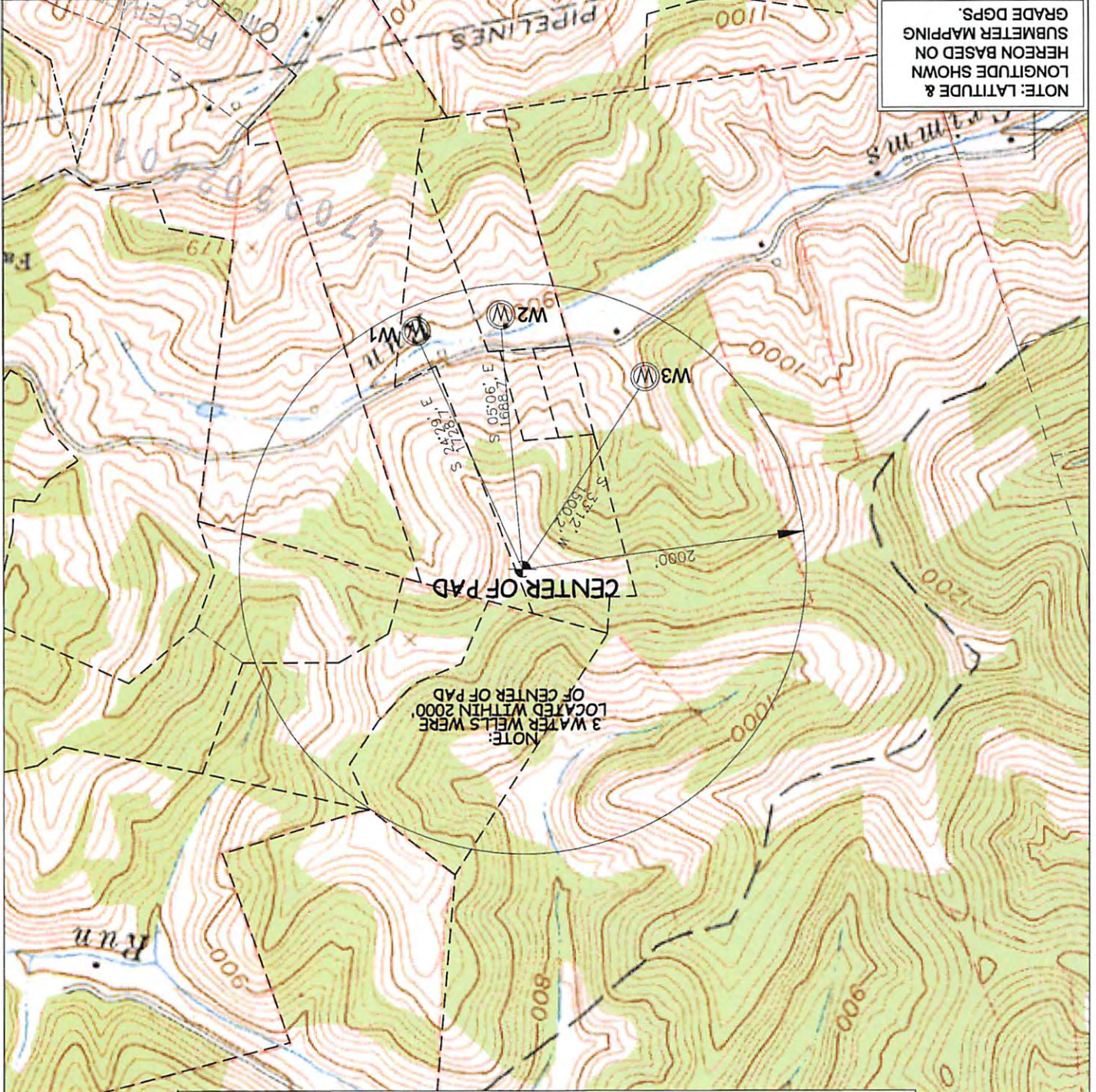
SCALE: 1 INCH = 1000 FEET

0' 1000' 2000' 3000'

W3	VERA O. THOMAS	1150 GRIMMS RUN RD., MIDDLEBOURNE, WV 26149	1-7-2-1	39.25' 18.47"	80.54' 24.79"
W2	GEORGE S. MEADOWS	PO BOX 1332, SHADY SPRING, WV 25918	1-7-12	39.25' 14.41"	80.54' 12.33"
W1	VERA O. THOMAS	1150 GRIMMS RUN RD., MIDDLEBOURNE, WV 26149	1-7-1	39.25' 15.57"	80.54' 05.14"

WELL SURFACE OWNER ADDRESS DISTRICT-TAX MAP-PARCEL WELL LATITUDE WELL LONGITUDE

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



CENTER OF PAD

NOTE:  
3 WATER WELLS WERE  
LOCATED WITHIN 2000'  
OF CENTER OF PAD

VERA PAD  
ANTERO RESOURCES  
CORPORATION

PAGE OF

FORM WW-9

01/27/2017