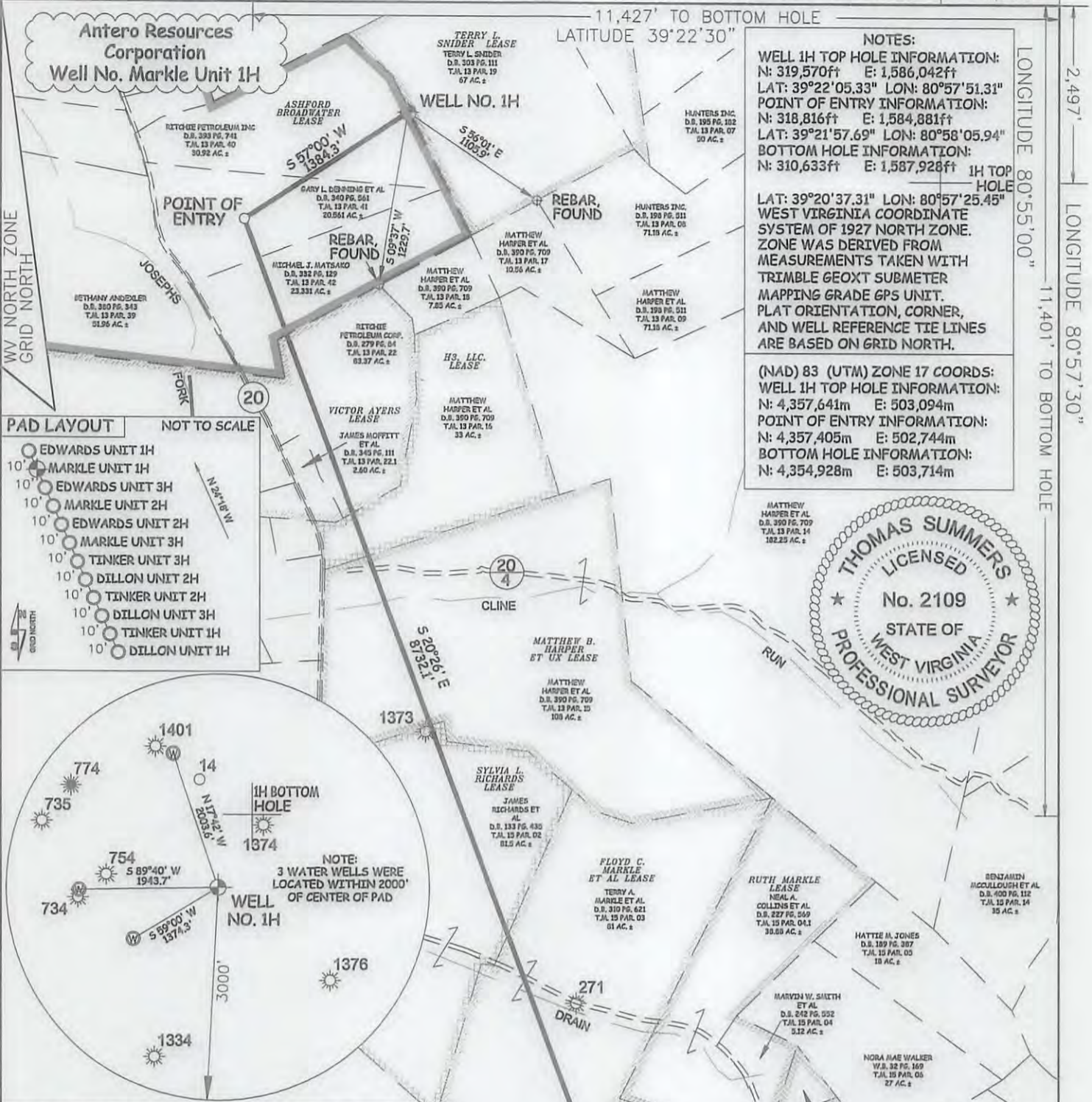
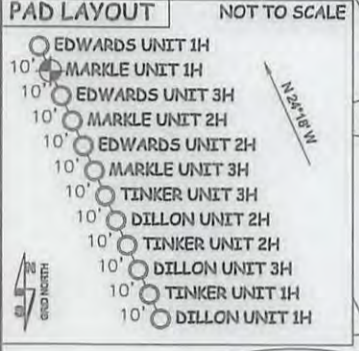
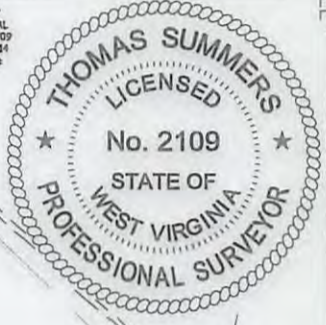


LATITUDE 39°22'30" 1,674'



**NOTES:**  
 WELL 1H TOP HOLE INFORMATION:  
 N: 319,570ft E: 1,586,042ft  
 LAT: 39°22'05.33" LON: 80°57'51.31"  
 POINT OF ENTRY INFORMATION:  
 N: 318,816ft E: 1,584,881ft  
 LAT: 39°21'57.69" LON: 80°58'05.94"  
 BOTTOM HOLE INFORMATION:  
 N: 310,633ft E: 1,587,928ft 1H TOP HOLE  
 LAT: 39°20'37.31" LON: 80°57'25.45"  
 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: 4,357,641m E: 503,094m  
 POINT OF ENTRY INFORMATION:  
 N: 4,357,405m E: 502,744m  
 BOTTOM HOLE INFORMATION:  
 N: 4,354,928m E: 503,714m



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 # 16-008WA  
 DRAWING # MARKLE1HR3  
 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

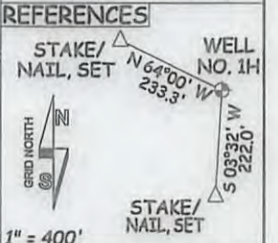
**LEGEND**  
 - - - Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 X Existing Fence  
 Found monument, as noted

THOMAS SUMMERS P.S. 2109  
 DATE 06/02/16  
 OPERATOR'S WELL# MARKLE UNIT #1H

WELL NO. 1H BOTTOM HOLE  
 THE WINSTON FAMILY TRUST LEASE  
 ORA JEWELL ET AL D.B. 114 PG. 115 T.J. 03 PAR. 13.1 26.51 AC. ±

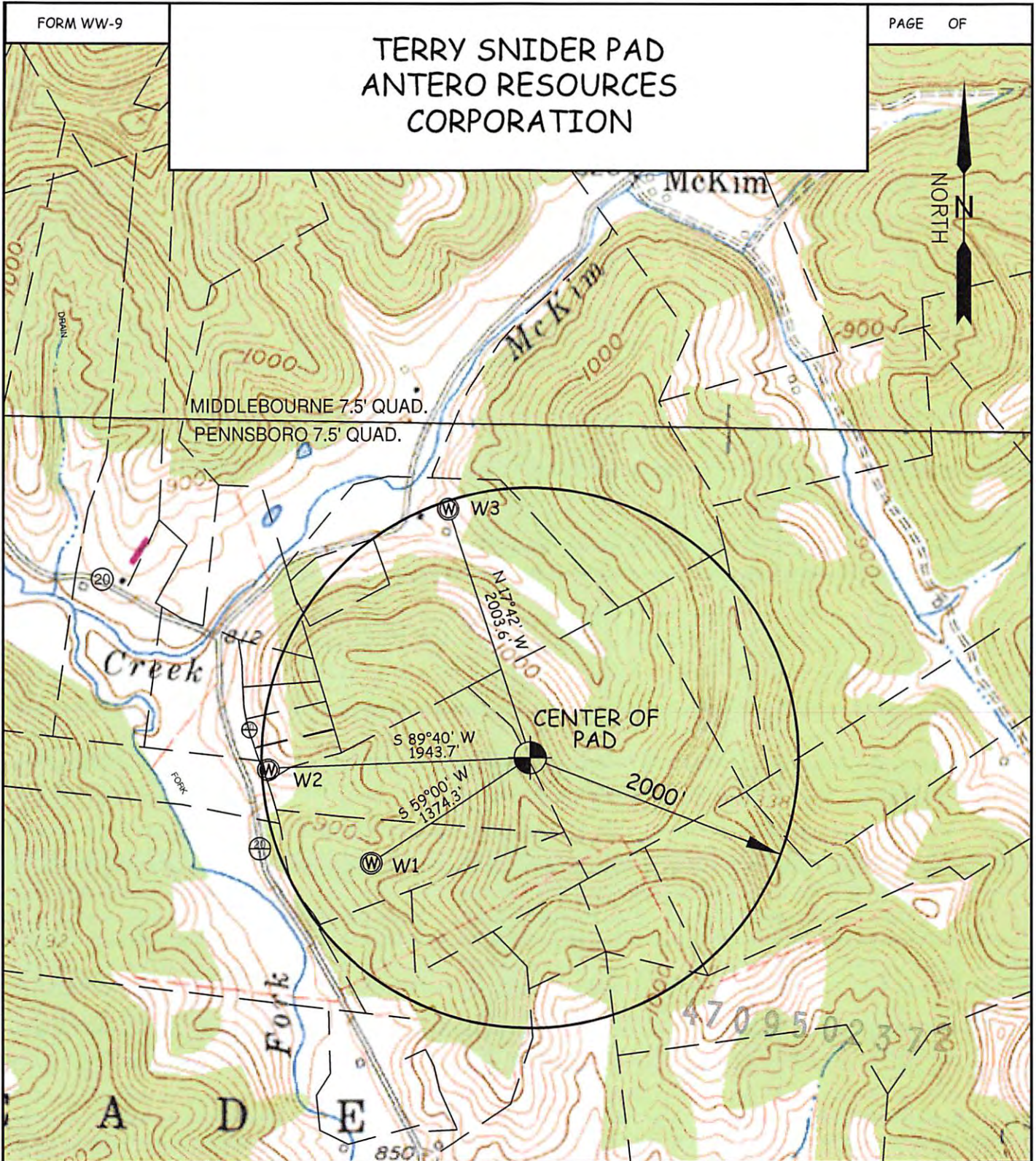
NOTE: NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

(NAD) 27 (UTM) ZONE 17 COORDS:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 14,295,980ft E: 1,650,519ft  
 POINT OF ENTRY INFORMATION:  
 N: 14,295,207ft E: 1,649,371ft  
 BOTTOM HOLE INFORMATION:  
 N: 14,287,079ft E: 1,652,554ft



WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02372 HWT  
 (IF "GAS") PRODUCTION  STORAGE DEEP SHALLOW X STATE COUNTY PERMIT COUNTY NAME  
 LOCATION: ELEVATION 1,171' ORIGINAL - 1,147' AS-BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK 08/05/2016  
 QUADRANGLE PENNSBORO 7.5' DISTRICT MEADE COUNTY TYLER  
 SURFACE OWNER RITCHIE PETROLEUM INC. ACREAGE 30.92 ACRES +/-  
 OIL & GAS ROYALTY OWNER ASHFORD BROADWATER; TERRY L. SNIDER; VICTOR AYERS; H3, LLC.; LEASE ACREAGE 583.712 ACRES; 67 ACRES; 97 ACRES; 33 AC; MATTHEW B. HARPER ET UX; SYLVIA L. RICHARDS; FLOYD C. MARKLE ET AL; LENORA PANCAKE; THE WINSTON FAMILY TRUST 108 ACRES; 81.5 ACRES; 81 ACRES; 32.5 ACRES; 21 ACRES;  
 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 6,700' TVD 16,500' 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  
 FORM WW-6 DENVER, CO 80202

# TERRY SNIDER PAD ANTERO RESOURCES CORPORATION



WELL	SURFACE OWNER	ADDRESS	DISTRICT-TAX MAP-PARCEL	WELL LATITUDE	WELL LONGITUDE
W1	GARY L. DENNING ET AL	2890 Haddox Run Road, Pennsboro, WV 26415	6-13-41	39° 21' 57.69"	80° 58' 05.89"
W2	FRANK & MARY ROSE (LIFE)	862 HADDOX RUN RD. PENNSBORO, WV 26415	6-13-36	39° 22' 04.45"	80° 58' 15.79"
W3	TERRY L. SNIDER	P.O. BOX 545 PENNSBORO, WV 26415	6-13-20	39° 22' 23.64"	80° 57' 59.20"

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

DATE: 06/22/15

DRAWN BY: D.L.P.

TOPO SECTION(S) OF ;  
PENNSBORO 7.5' QUAD. &  
MIDDLEBOURNE 7.5' QUAD.

