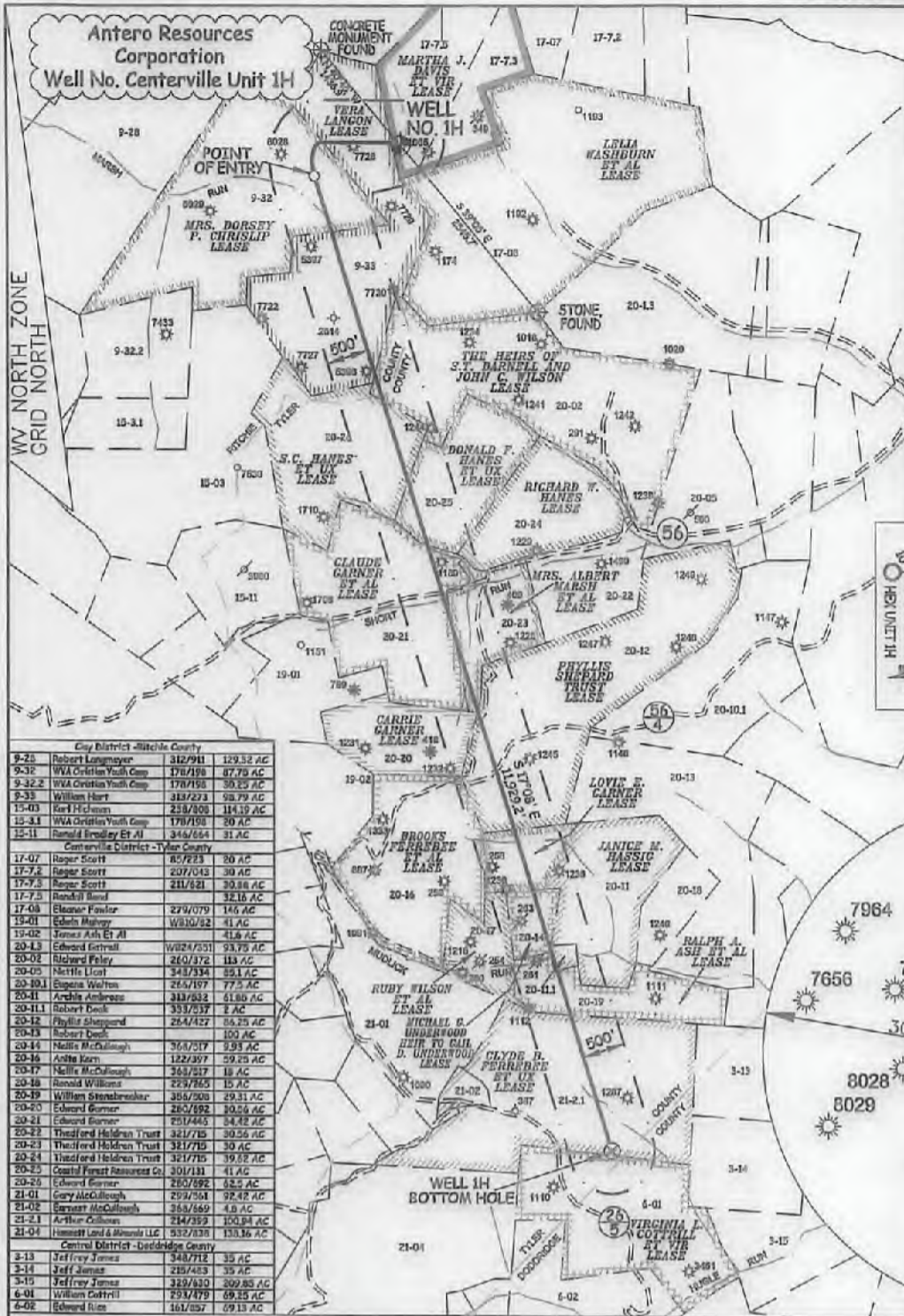


LATITUDE 39°22'30" — 2,673' — 19' TO BOTTOM HOLE  
 LATITUDE 39°20'00"

9,842' TO BOTTOM HOLE — LONGITUDE 80°52'30"

13,270'

LONGITUDE 80°52'30"



**NOTES:**  
 WELL 1H TOP HOLE INFORMATION:  
 N: 308,440ft E: 1,608,436ft  
 LAT: 39°20'18.84" LON: 80°53'04.02"  
 BOTTOM HOLE INFORMATION:  
 N: 296,653ft E: 1,610,910ft  
 LAT: 39°18'22.72" LON: 80°52'30.24"  
 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: 4,354,364m E: 509,973m  
 BOTTOM HOLE INFORMATION:  
 N: 4,350,786m E: 510,786m



Clay District - Ritchie County		
9-25	Robert Langmeyer	342/911 129.52 AC
9-32	WVA Orioles Youth Camp	178/158 87.75 AC
9-32.2	WVA Orioles Youth Camp	181/273 98.79 AC
9-33	William Hart	218/273 98.79 AC
15-03	Karl McEwen	218/508 114.19 AC
15-3.1	WVA Orioles Youth Camp	178/158 80 AC
15-11	Ronald Bradley Et Al	344/664 31 AC
Centerville District - Tyler County		
17-07	Roger Scott	85/223 20 AC
17-7.2	Roger Scott	207/013 30 AC
17-7.3	Roger Scott	211/821 30.78 AC
17-7.5	Randall Bond	321/8 AC
17-08	Eleanor Fowler	274/079 145 AC
19-01	Edwin Mahoy	1630/52 41 AC
19-02	James Ash Et Al	41.6 AC
20-1.3	Edward Getwell	1024/201 93.75 AC
20-02	Richard Peley	260/372 143 AC
20-05	Nettle Local	343/334 88.1 AC
20-10.1	Stephen Wilton	214/167 77.5 AC
20-11	Archie Anderson	318/832 61.85 AC
20-11.1	Robert Deak	333/537 1 AC
20-12	Phyllis Sheppard	264/427 66.25 AC
20-13	Robert Deak	100 AC
20-14	Nellie McCullough	364/517 59.5 AC
20-16	Anthe Kern	122/397 59.25 AC
20-17	Nellie McCullough	363/517 18 AC
20-18	Ronald Williams	253/765 15 AC
20-19	William Sheppard	364/788 29.12 AC
20-20	Edward Garner	285/892 102.8 AC
20-21	Edward Garner	751/445 84.42 AC
20-22	Theodore Holden Trust	321/715 30.56 AC
20-23	Theodore Holden Trust	321/715 30 AC
20-24	Theodore Holden Trust	321/715 39.52 AC
20-25	Coastal Forest Resources Co.	301/131 41 AC
20-26	Edward Garner	285/892 82.5 AC
21-01	Gary McCullough	234/834 29.12 AC
21-02	Samuel McCullough	363/569 4.9 AC
21-1	A-Har Collins	244/352 100.84 AC
21-04	Hessett Land & Minerals LLC	932/838 133.36 AC
Central District - Doddridge County		
3-13	Jeffrey James	348/712 35 AC
3-14	Jeff James	285/483 35 AC
3-15	Jeffrey James	359/650 269.85 AC
4-01	William Getwell	233/179 69.35 AC
4-02	Edward Rice	167/597 69.13 AC

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

(NAD) 27 (UTM) ZONE 17 COORDS:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 14,285,229ft E: 1,673,067ft  
 POINT OF ENTRY INFORMATION:  
 N: 14,284,824ft E: 1,672,054ft  
 BOTTOM HOLE INFORMATION:  
 N: 14,273,489ft E: 1,675,757ft

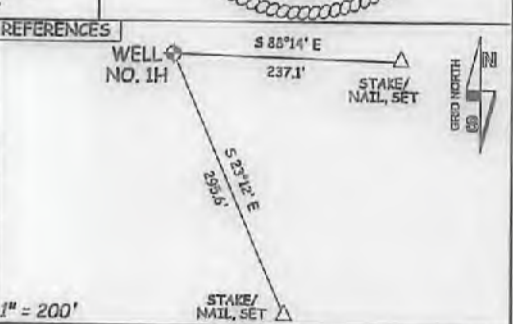
**NOTE**  
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



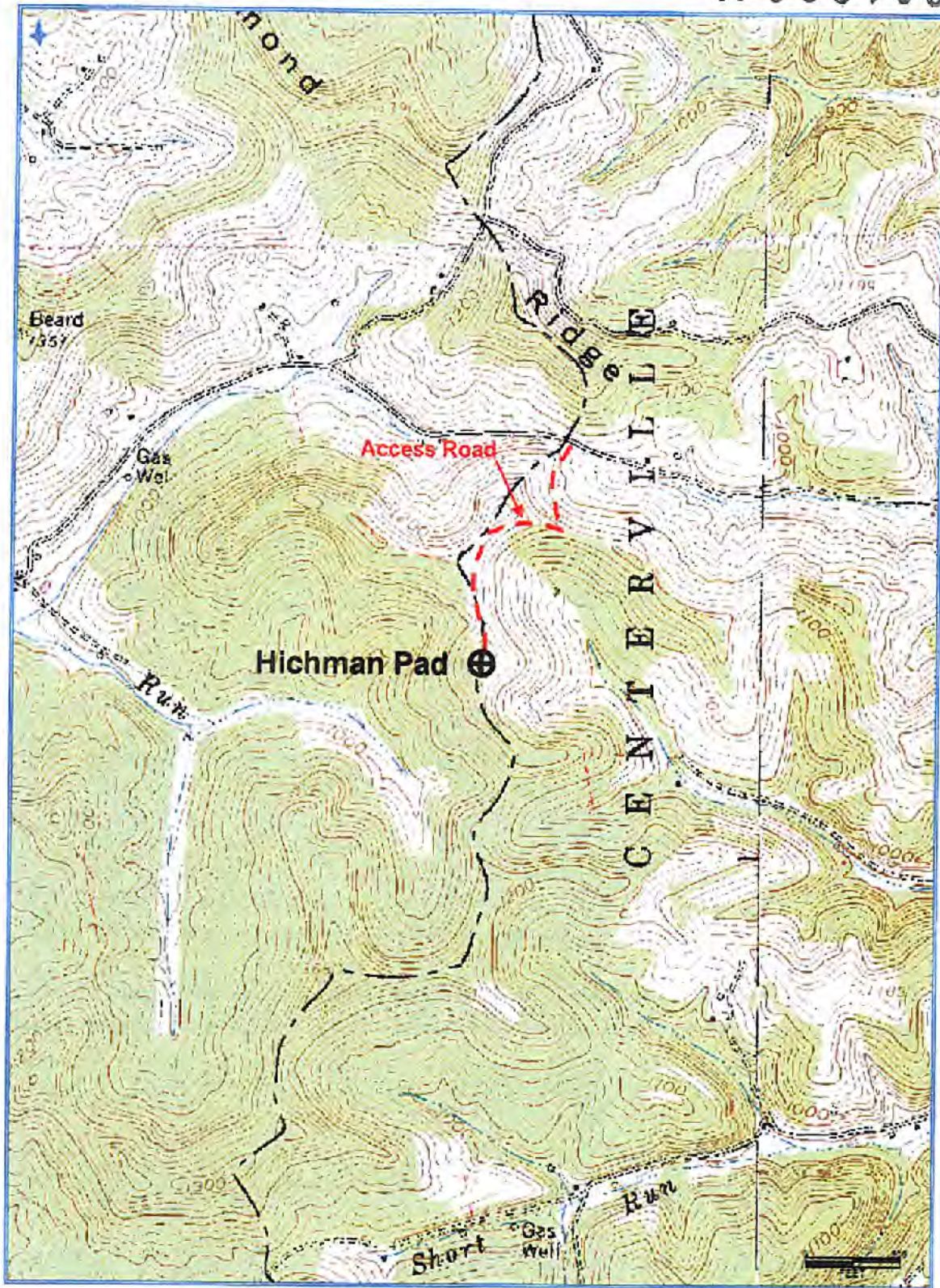
JOB # 17-009WA  
 DRAWING # CENTERVILLE1HR1  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

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

THOMAS SUMMERS P.S. 2109  
 DATE 10/09/17  
 OPERATOR'S WELL# CENTERVILLE UNIT #1H



WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL 47 085 10337  
 (IF "GAS") PRODUCTION  STORAGE DEEP SHALLOW  STATE COUNTY PERMIT  
 LOCATION: ELEVATION 1,276' ORIGINAL - 1,250' PROPOSED WATERSHED NORTH FORK HUGHES RIVER 01/19/2018  
 QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE  
 SURFACE OWNER RADALL BOND ET AL ACREAGE 32.16 ACRES +/-  
 OIL & GAS ROYALTY OWNER MARTHA J. DAVIS ET VIR; VERA LANGON; MRS. DORSEY P. CHRISLIP; THE HEIRS OF S.T. DARNELL AND JOHN C. WILSON; S.C. HANES ET UX; DONALD F. HANES ET UX; CLAUDE GARNER ET AL; MRS. ALBERT MARSH ET AL; CARRIE GARNER; PHYLIS SHEPARD TRUST; LOVIE E. GARNER; MICHAEL G. UNDERWOOD; JANICE M. HASSIG; RALPHA. ASH ET AL; CLYDE D. FERREBEE ET UX 70 AC±; 98.79 AC±; 87.75 AC±; 113 AC±; 84 AC±; 41 AC±; 85 AC±; 30 AC±; 30 AC±; 86.25 AC±; 19 AC±; 9.83 AC±; 53 AC±; 30 AC±; 105 AC±  
 PROPOSED WORK: DRILL  CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL PLUG & ABANDON CLEAN OUT & REPLUG  
 (SPECIFY) TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD, 19,700' MD  
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



**Antero Resources Corporation**  
Appalachian Basin  
Centerville Unit 1H  
Ritchie County

Quadrangle: Pennsboro  
Watershed: North Fork Hughes River  
District: Clay  
Date: 3-14-2017