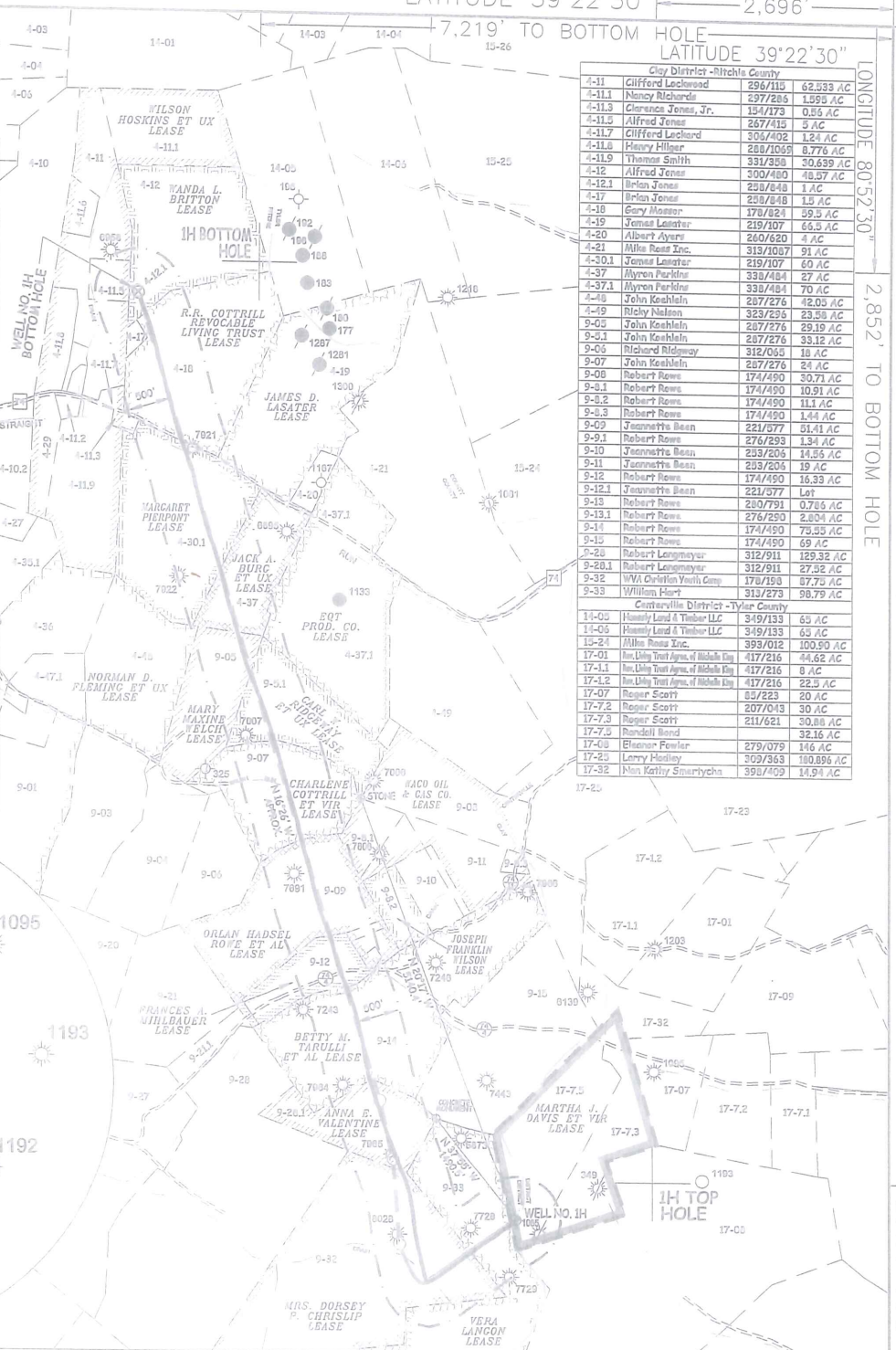
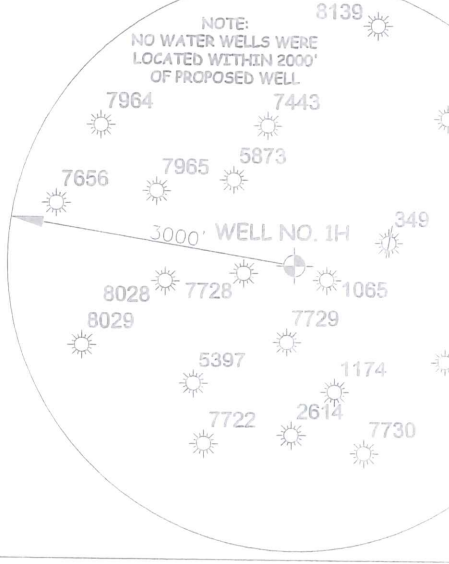


LATITUDE 39°22'30" 7,219' TO BOTTOM HOLE 2,696'

Antero Resources Corporation  
Well No. Hex Unit 1H

NOTES:  
WELL 1H TOP HOLE INFORMATION:  
N: 308,353ft E: 1,608,411ft  
LAT: 39°20'17.98" LON: 80°53'04.32"  
BOTTOM HOLE INFORMATION:  
N: 318,928ft E: 1,604,050ft  
LAT: 39°22'01.82" LON: 80°54'01.92"  
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: 4,354,338m E: 509,965m  
BOTTOM HOLE INFORMATION:  
N: 4,357,537m E: 508,583m



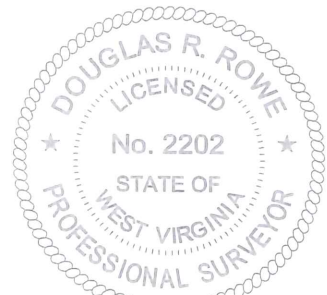
Clay District - Ritchie County	
4-11	Gifford Leckwood 296/115 62.833 AC
4-11.1	Nancy Richards 297/285 1.590 AC
4-11.3	Clarence Jones, Jr. 154/173 0.56 AC
4-11.5	Alfred Jones 267/415 5 AC
4-11.7	Gifford Leckwood 305/402 1.21 AC
4-11.8	Henry Hilner 282/205 0.776 AC
4-11.9	Thomas Smith 200/480 20.639 AC
4-12	Alfred Jones 300/480 18.87 AC
4-12.1	Brian Jones 258/648 1 AC
4-17	Brian Jones 258/648 1.5 AC
4-18	Gary Mosser 178/824 89.5 AC
4-20	Jemal Lesater 219/107 66.5 AC
4-21	Albert Ayers 260/620 4 AC
4-21	Alma Ross Inc. 315/287 91 AC
4-30.1	Jemal Lesater 219/107 66.5 AC
4-37	Myron Perkins 338/484 27 AC
4-37.1	Myron Perkins 338/484 70 AC
4-48	John Keshlain 287/276 42.05 AC
4-49	Ricky Nelson 323/236 23.58 AC
4-50	John Keshlain 287/276 29.19 AC
9-01	John Keshlain 312/293 18 AC
9-04	Richard Ridgway 287/276 33.12 AC
9-07	John Keshlain 287/276 24 AC
9-08	Robert Rees 174/490 30.71 AC
9-8.1	Robert Rees 174/490 10.91 AC
9-8.2	Robert Rees 174/490 11.1 AC
9-8.3	Robert Rees 174/490 1.44 AC
9-9	Jeanette Bean 221/977 51.41 AC
9-9.1	Robert Rees 174/490 69 AC
9-10	Jeanette Bean 235/205 14.33 AC
9-11	Jeanette Bean 235/205 19.3 AC
9-12	Robert Rees 174/490 16.33 AC
9-12.1	Jeanette Bean 221/977 Lot
9-13	Robert Rees 260/791 0.786 AC
9-13.1	Robert Rees 276/250 2.804 AC
9-14	Robert Rees 174/490 73.33 AC
9-15	Robert Rees 174/490 69 AC
9-20	Robert Longmeyer 312/911 129.32 AC
9-20.1	Robert Longmeyer 312/911 27.32 AC
9-32	WVA Christian Youth Camp 178/198 87.75 AC
9-33	William Hart 313/273 98.79 AC
Centerville District - Tyler County	
14-05	Heavenly Land & Timber LLC 349/133 65 AC
14-05	Heavenly Land & Timber LLC 349/133 65 AC
15-24	Alma Ross Inc. 393/812 100.90 AC
17-01	Ann Lily Trust d/b/a of Hilda Elm 417/216 44.62 AC
17-1.1	Ann Lily Trust d/b/a of Hilda Elm 417/216 8 AC
17-1.2	Ann Lily Trust d/b/a of Hilda Elm 417/216 22.5 AC
17-07	Roger Scott 85/223 20 AC
17-7.2	Roger Scott 207/043 30 AC
17-7.3	Roger Scott 211/621 30.88 AC
17-7.8	Randall Beard 177/3 32.16 AC
17-10	Eleanor Fowler 279/079 116 AC
17-23	Lenny Hodley 302/363 180.896 AC
17-32	Man Kathy Smariyeha 398/409 14.94 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

- NOTE
1. 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.
  2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
  3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
  4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
  5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.



JOB # 17-006WA  
DRAWING # HEX1HR1  
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 +/-  
--- Proposed Well Path  
--- As Drilled Well Path  
DOUGLAS R. ROWE P.S. 2202  
DATE 06/03/19  
OPERATOR'S WELL# HEX UNIT 1H

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ 47 - 085 - 10332  
(IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X STATE COUNTY PERMIT  
LOCATION: ELEVATION 1,250' AS BUILT WATERSHED NORTH FORK HUGHES RIVER  
QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RICHTIE  
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; ANNA E. VALENTINE; BETTY M. TARULLI ET AL; FRANCES A. MIHLBAUER; ORLAN HADSEL ROWE ET AL; CHARLENE COTTRILL ET VIR; CARL W. RIDGWAY ET UX; MARY MAXINE WELCH; JACK A. BURG ET UX; MARGARET PIERPONT; R.R. COTTRILL REVOCABLE LIVING TRUST; WANDA L. BRITTON LEASE ACREAGE 70 AC±; 98.79 AC±; 87.75 AC±; 28 AC±; 76 AC±; 19.59 AC±; 57 AC±; 24 AC±; 33 AC±; 29.33 AC±; 27 AC±; 60 AC±; 59.5 AC±; 48.57 AC±  
PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_  
PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,658' TVD 18,299' MD  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
ADDRESS 1615 WYNKOOP ST. DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

LONGITUDE 80°52'30" 2,852' TO BOTTOM HOLE 1,3357' LONGITUDE 80°52'30"