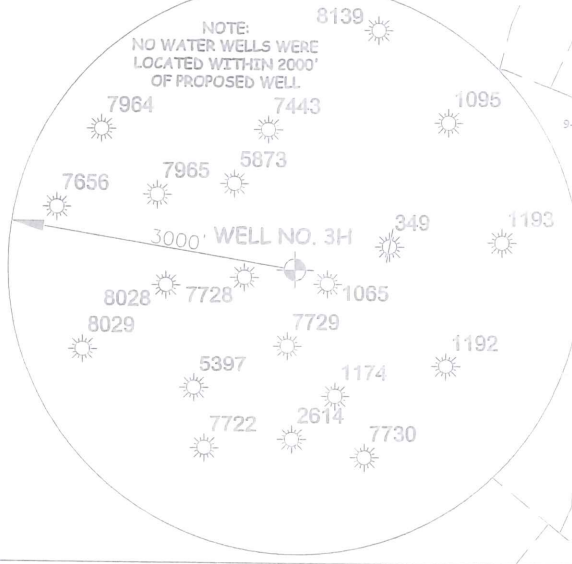


LATITUDE 39°22'30" TO BOTTOM HOLE
 4.737' TO BOTTOM HOLE
 LATITUDE 39°22'30"

Antero Resources Corporation
 Well No. Griff Unit 3H

NOTES:
 WELL 3H TOP HOLE INFORMATION:
 N: 308,401ft E: 1,608,425ft
 LAT: 39°20'18.46" LON: 80°53'04.15"
 BOTTOM HOLE INFORMATION:
 N: 320,785ft E: 1,606,561ft
 LAT: 39°22'20.56" LON: 80°53'30.32"
 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 3H TOP HOLE INFORMATION:
 N: 4,354,352m E: 509,969m
 BOTTOM HOLE INFORMATION:
 N: 4,350,115m E: 509,339m



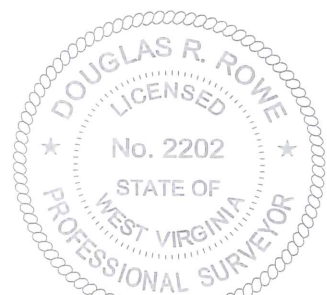
Clay District - Ritchie County		
4-11	Clifford Lockwood	296/110 62,933 AC
4-11.1	Nancy Richards	297/249 1,593 AC
4-11.3	Clarence Jones, Jr.	154/173 0.53 AC
4-11.9	Alfred Jones	267/412 5 AC
4-11.7	Clifford Lockwood	306/402 1.24 AC
4-11.8	Henry Hilger	288/1058 8,776 AC
4-11.9	Thomas Smith	331/389 30,639 AC
4-11.9	Alfred Jones	300/480 48.87 AC
4-12	Brian Jones	258/248 1 AC
4-17	Brian Jones	174/424 39.5 AC
4-18	Gary Mosser	178/424 39.5 AC
4-19	Jennet Leator	219/107 66.5 AC
4-20	Albert Ayers	260/620 4 AC
4-21	Mike Ross Inc.	313/1007 91 AC
4-20.1	Jennet Leator	219/107 60 AC
4-27	Hyron Perkins	338/484 27 AC
4-27.1	Hyron Perkins	338/484 70 AC
4-48	John Keshlain	287/276 42.05 AC
4-49	Ridley Nelson	323/293 23.88 AC
9-05	John Keshlain	287/276 29.19 AC
9-3.1	John Keshlain	287/276 33.12 AC
9-06	Richard Ridgway	312/265 18 AC
9-07	John Keshlain	287/276 24 AC
9-08	Robert Reams	174/490 30.71 AC
9-8.1	Robert Reams	174/490 16.33 AC
9-8.2	Robert Reams	174/490 11.1 AC
9-8.3	Robert Reams	174/490 1.44 AC
9-09	Jessamine Bean	221/577 31.41 AC
9-9.1	Robert Reams	276/293 1.34 AC
9-10	Jessamine Bean	253/206 14.85 AC
9-28	Jessamine Bean	253/206 19 AC
9-12	Robert Reams	174/490 16.33 AC
9-12.1	Jessamine Bean	221/577 1.44 AC
9-13	Robert Reams	280/791 0.786 AC
9-13.1	Robert Reams	276/290 2,604 AC
9-14	Robert Reams	174/490 73.55 AC
9-15	Robert Reams	174/490 69 AC
9-20.1	Robert Leismayer	312/911 129.32 AC
9-20.1	Robert Leismayer	312/911 27.32 AC
9-32	WVA Christian Youth Camp	177/258 87.73 AC
9-33	William Hart	313/273 98.79 AC
Centerville District - Tyler County		
11-05	Heasley Land & Timber LLC	349/133 65 AC
11-05	Heasley Land & Timber LLC	349/133 65 AC
13-24	Mike Ross Inc.	393/1012 100.90 AC
17-01	Lee Lyle Trust (Jr.) of Ritchie Co.	417/216 44.62 AC
17-1.1	Lee Lyle Trust (Jr.) of Ritchie Co.	417/216 5 AC
17-1.2	Lee Lyle Trust (Jr.) of Ritchie Co.	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
17-7.5	Randall Bond	32.16 AC
17-09	Elmer Fowler	279/079 146 AC
17-23	Larry Haskay	309/353 106.896 AC
17432	Man Kelly Smarjicha	392/409 119.94 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 # 17-007WA
 DRAWING # GRIFF3H
 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 +/-
 O Proposed Well Path
 X As Drilled Well Path
 DOUGLAS R. ROWE P.S. 2202
 DATE 06/03/19
 OPERATOR'S WELL # GRIFF UNIT #3H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 085 - 10331
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,250' AS BUILT WATERSHED NORTH FORK HUGHES RIVER STATE COUNTY PERMIT
 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; LELIA WASHBURN ET AL; WAGO OIL & GAS CO.; LEASE ACREAGE 70 AC±; 150 AC±; 50 AC±;
 GENE BOND; JANICE HURST; BONNIE MARIE SIPE ET AL.; SHIRLEY BERYL BURCHARD ET VIR; EDITH A. GRIFFIN ET VIR; 14.44 AC±; 97.63 AC±; 46.54 AC±; 60 AC±; 91 AC±;
 JAMES D. LASATER; GLENN WM. DAVIS ET UX 66.5 AC±; 65 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 6,661' TVD 19,699' 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

956' TO BOTTOM HOLE LONGITUDE 80°52'30"

13,309'

LONGITUDE 80°52'30"

COUNTY NAME PERMIT