

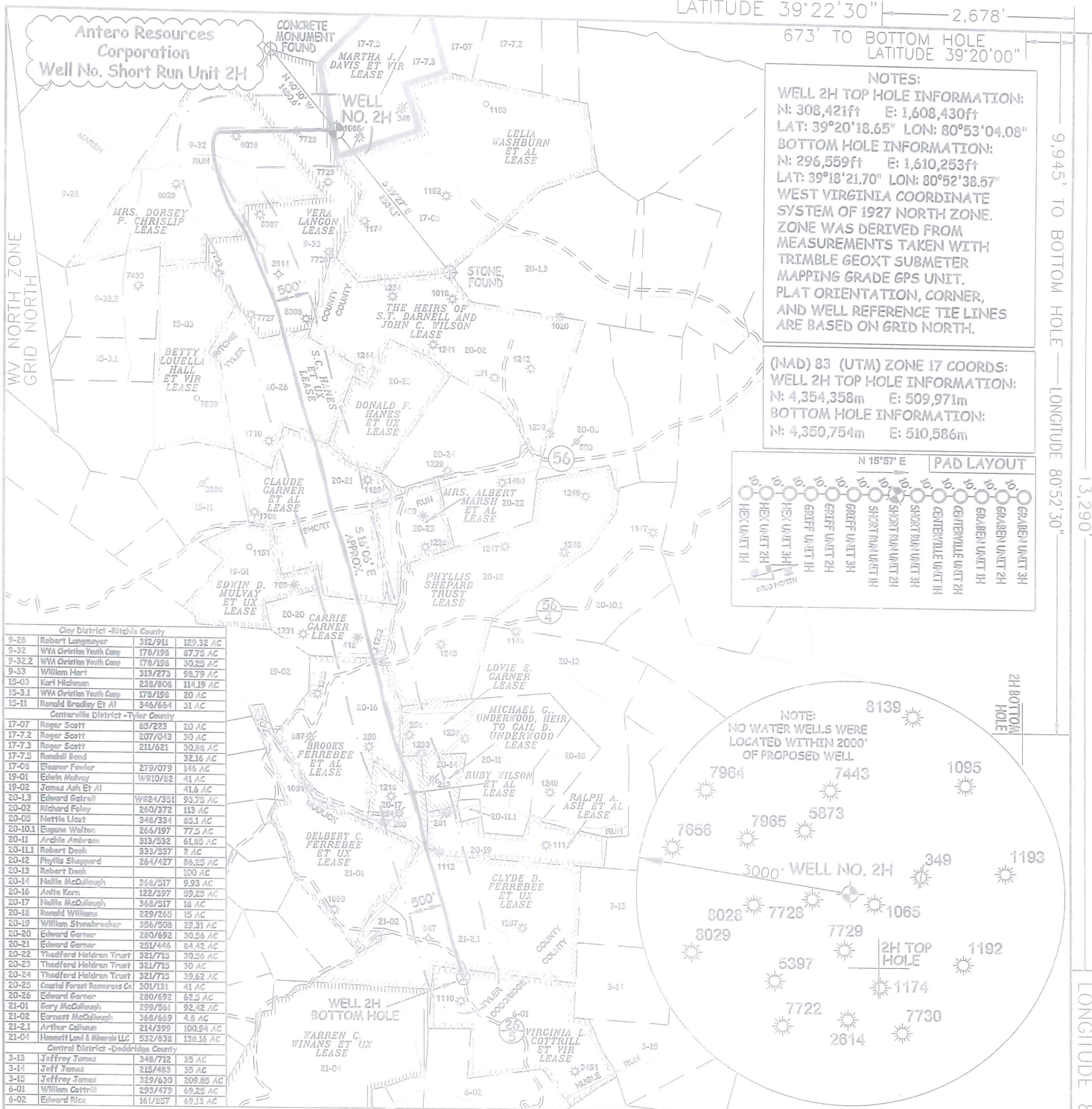
LATITUDE 39°22'30" 2.678'

673' TO BOTTOM HOLE
LATITUDE 39°20'00"

9.945' TO BOTTOM HOLE — LONGITUDE 80°52'30"

13.290'

LONGITUDE 80°52'30"



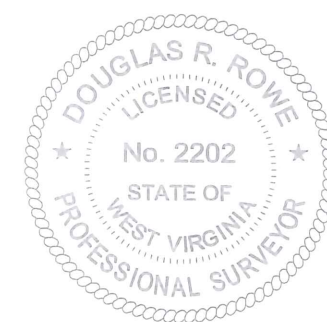
Clay District - Ritchie County			
9-20	Robert Lemmeyer	312/911	129.32 AC
9-32	WVA Christian Youth Camp	178/198	87.75 AC
9-32.2	WVA Christian Youth Camp	178/198	30.25 AC
9-33	William Hart	319/273	98.79 AC
15-03	Karl Hochman	235/606	114.19 AC
15-3.1	WVA Christian Youth Camp	178/198	20 AC
15-11	Ronald Bradley Et Al	345/664	31 AC
Centerville District - Tyler County			
17-07	Roger Scott	85/223	20 AC
17-7.2	Roger Scott	207/043	30 AC
17-7.3	Roger Scott	211/621	30.86 AC
17-7.5	Randall Bond		32.16 AC
17-08	Eleanor Fowler	279/079	146 AC
19-01	Edwin Mulvey	1910/02	41.6 AC
19-02	James Ash Et Al		41.6 AC
20-1.3	Edward Gattrell	W/824/301	93.72 AC
20-02	Richard Foley	260/372	113 AC
20-05	Nerrie Ucat	348/334	65.1 AC
20-10.1	Eugene Welton	266/197	77.3 AC
20-11	Archie Ambrose	313/332	61.85 AC
20-11.1	Robert Desk	333/337	2 AC
20-12	Phyllis Sheppard	264/427	83.25 AC
20-13	Robert Desk		100 AC
20-14	Nellie McCullough	368/317	9.93 AC
20-16	Anne Kern	122/397	99.25 AC
20-17	Nellie McCullough	368/317	18 AC
20-16	Ronald Williams	229/265	15 AC
20-19	William Stinesbraker	356/508	23.31 AC
20-20	Edward Garner	280/692	30.55 AC
20-21	Edward Garner	239/446	64.42 AC
20-22	Thadford Holdren Trust	321/715	30.25 AC
20-23	Thadford Holdren Trust	321/715	30 AC
20-24	Thadford Holdren Trust	321/715	39.62 AC
20-25	Coastal Forest Resources Co	201/131	41 AC
20-26	Edward Garner	280/692	62.5 AC
21-01	Gary McCullough	339/561	92.42 AC
21-02	Edward Garner	248/659	4.8 AC
21-2.1	Arthur Callahan	214/399	100.24 AC
21-04	Hammert Land & Minerals LLC	832/838	138.36 AC
Central District - Doddridge County			
3-13	Jeffrey James	348/712	35 AC
3-14	Jeff James	219/483	35 AC
3-15	Jeffrey James	329/630	209.85 AC
6-01	William Carrill	593/479	69.25 AC
6-02	Edward Rice	161/857	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 PRESCRIBED 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**
- 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.
 - TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHEMY SURVEYS, INC.
 - AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 - 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.
 - WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.



JOB # 17-008WA
DRAWING # SHORTRUN2HAD
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# SHORT RUN UNIT #2H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 085 - 10340
 (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 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; LEASE ACREAGE 70 AC±; 98.79 AC±; 87.75 AC±;
 S.C. HANES ET UX; CLAUDE GARNER ET AL; CARRIE GARNER; BROOKS FERREBEE ET AL; 64 AC±; 85 AC±; 30 AC±; 59.25 AC±;
 RUBY WILSON ET AL; CLYDE B. FERREBEE ET UX; VIRGINIA L. COTTRILL ET VIR 18 AC±; 105 AC±; 70 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 6,679' TVD 18,937' 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

COUNTY NAME PERMIT