

LATITUDE 39°20'00"

10,371'

10,911' TO BOTTOM HOLE

LATITUDE 39°17'30"

NOTES:

WELL 1H TOP HOLE INFORMATION:
 N: 293,803ft E: 1,600,813ft
 LAT: 39°17'52.97" LON: 80°54'41.92"
 BOTTOM HOLE INFORMATION:
 N: 285,968ft E: 1,599,852ft
 LAT: 39°16'35.43" LON: 80°54'48.75"
 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.

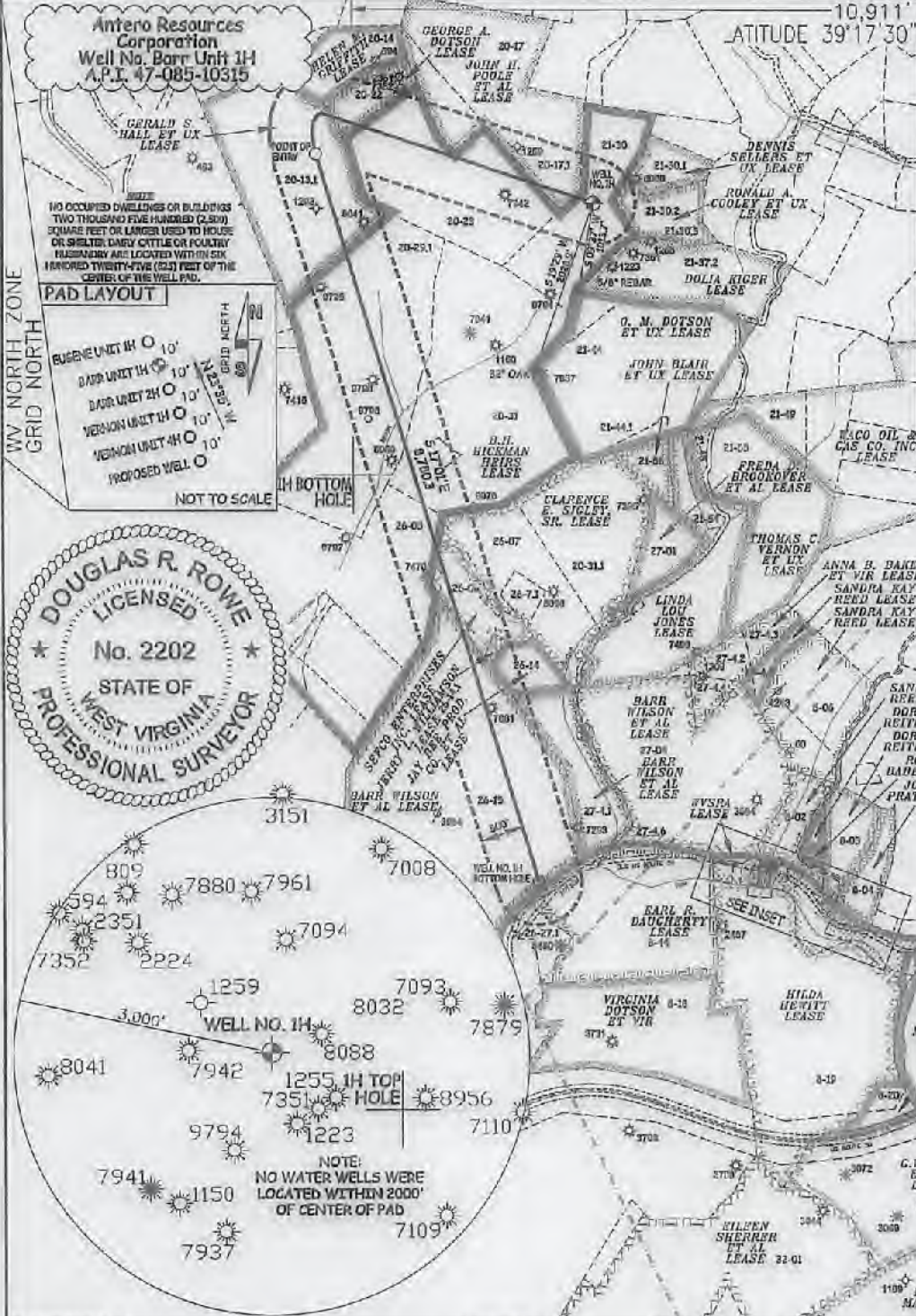
(NAD 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,349,865m E: 507,633m
 BOTTOM HOLE INFORMATION:
 N: 4,347,474m E: 507,472m

(NAD 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,270,467ft E: 1,665,413ft
 POINT OF ENTRY INFORMATION:
 N: 14,270,974ft E: 1,662,175ft
 BOTTOM HOLE INFORMATION:
 N: 14,262,625ft E: 1,664,883ft

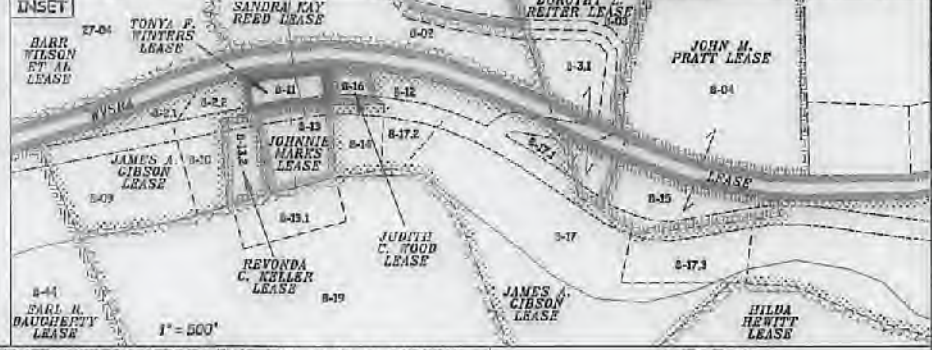
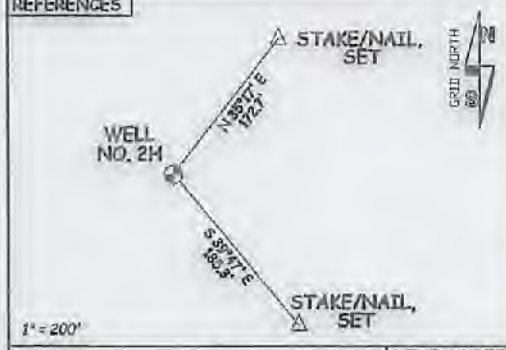
5,521' TO BOTTOM HOLE

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"



Clay District - Ritchie County	
20-11J	GERALD HALL ET AL
20-14	SAMP WELLS ET AL
20-17	GLENN POOLE ET AL
20-17J	GLENN POOLE ET AL
20-22	SAMP WELLS ET AL
20-23	MARE HALL ET AL
20-29J	PIA MANAGEMENT CO
20-31	PIA MANAGEMENT CO
20-31J	PIA MANAGEMENT CO
21-30	DENNIS SELLERS ET AL
21-30J	DENNIS SELLERS ET AL
21-30K	DENNIS SELLERS ET AL
21-30L	DENNIS SELLERS ET AL
21-37E	DENNIS SELLERS ET AL
21-44	CHAD JOHNSON
21-44J	CHAD JOHNSON
21-45	CHAD JOHNSON
21-49	T.L. MORRIS
21-55	JOHN BARR ET AL
21-54	JOHN BARR ET AL
21-55	VERNON THOMAS
21-56	JOHN BARR ET AL
21-55	PIA MANAGEMENT CO
21-55	WAL BROADWATER ET AL
21-57	EARL WEBB ET AL
21-71	RICHARD MCGILLICUDD
21-14	EARL WEBB ET AL
21-14J	EARL WEBB ET AL
21-15	WAL BROADWATER ET AL
21-27J	THOMAS RIPPY ET AL
27-01	MARK LANHAM ET AL
27-02	MELVIN HENDRICK ET AL
27-04	KATRINA DOTSON
27-41	WAL BROADWATER ET AL
27-42	KATRINA DOTSON
27-43	KATRINA DOTSON
27-44	KATRINA DOTSON
27-43	KATRINA DOTSON
27-46	WV RAILROAD MAINTENANCE AUTHORITY
Clay District - Doddridge County	
8-05	KATRINA WHITE
8-02	KATRINA WHITE
8-21	LEONA BURNER ET AL
8-22	LEONA BURNER ET AL
8-03	ROY ELLIS TODD
8-31	ROY E. TODD ET AL
8-04	JOSEPH CLAWFORD
8-09	EDLAS HUBBARD
8-10	DENNIS RICHARDS ET AL
8-11	STEVEN WHITES ET AL
8-12	S. SIMONS ET AL
8-15	JOHNNIE MARKS
8-15J	JOHNNIE MARKS
8-14	C. LIPSCOMB ET AL
8-15	ROY TODD ET AL
8-16	JUDITH WOODS
8-17	ARTHUR PAINS ET AL
8-17J	JOSEPH CLAWFORD
8-17E	CARLETT JAMES ET AL
8-17A	JAMES McDONALD III
8-18	EARL DAUGHERTY
8-19	AMATE ROBINSON
8-20	JO ANN ROBINSON
8-19	ANTERO TREATMENT LLC
8-02	BLAKE BRIGHT



JOB # 16-066WA
 DRAWING # BARR1HR0
 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

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

LEGEND
 - - - - - Surface Owner Boundary Lines +/-
 - - - - - Interior Surface Tracts +/-
 - - - - - Existing Fence
 ⊕ Found monument, as noted
 DOUGLAS R. ROWE P.S. 2202
 DATE 02/12/18
 OPERATOR'S WELL# BARR UNIT#1H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1,184' AS BUILT WATERSHED NORTH FORK HUGHES RIVER
 QUADRANGLE PENNSBORO 7.5 DISTRICT CLAY COUNTY RITCHIE
 SURFACE OWNER DENNIS J. SELLERS ACREAGE 39.28 ACRES +/-
 OIL & GAS ROYALTY OWNER B.H. HICKMAN HEIRS; JOHN H. POOLE ET AL; GEORGE A. DOTSON; LEASE ACREAGE 400 AC±; 75 AC±; 11 AC±;
 GERALD S. HALL ET UX; SEFCO ENTERPRISES INC.; BARR WILSON ET AL 73.83 AC±; 15 AC±; 107 AC±

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) MOD-SHL PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD, 20,600' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

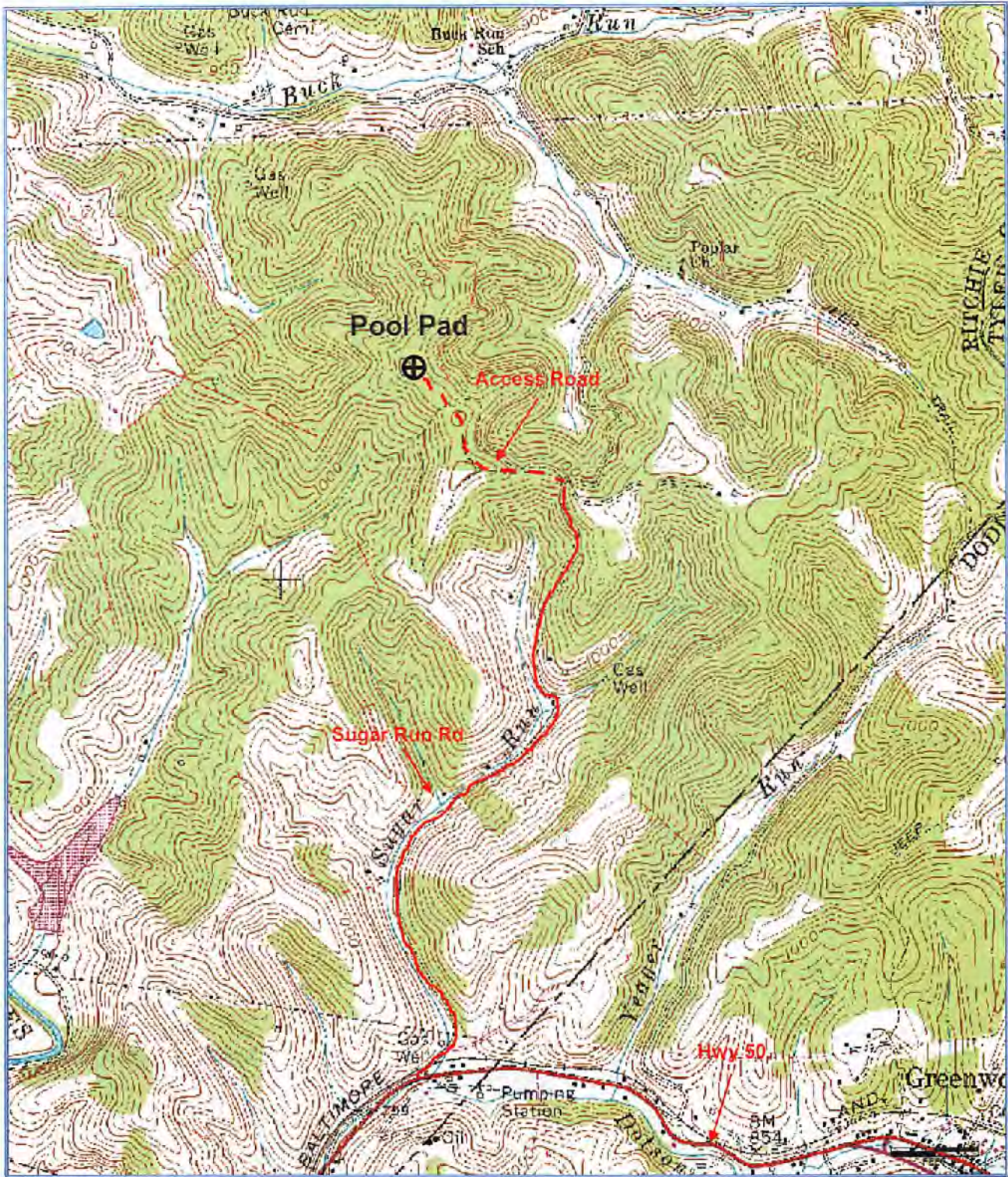
12,852'

LONGITUDE 80°52'30"

PERMIT

06/15/2018

47 - 085 - 10367 HbA



Antero Resources Corporation
 Appalachian Basin
 Barr Unit 1H
 Ritchie County

RECEIVED
 Office of Oil and Gas
FEB 15 2018
 WV Department of
 Environmental Protection

Quadrangle: Pennsboro
 Watershed: North Fork Hughes River
 District: Clay
 Date: 4-12-2016

06/15/2018