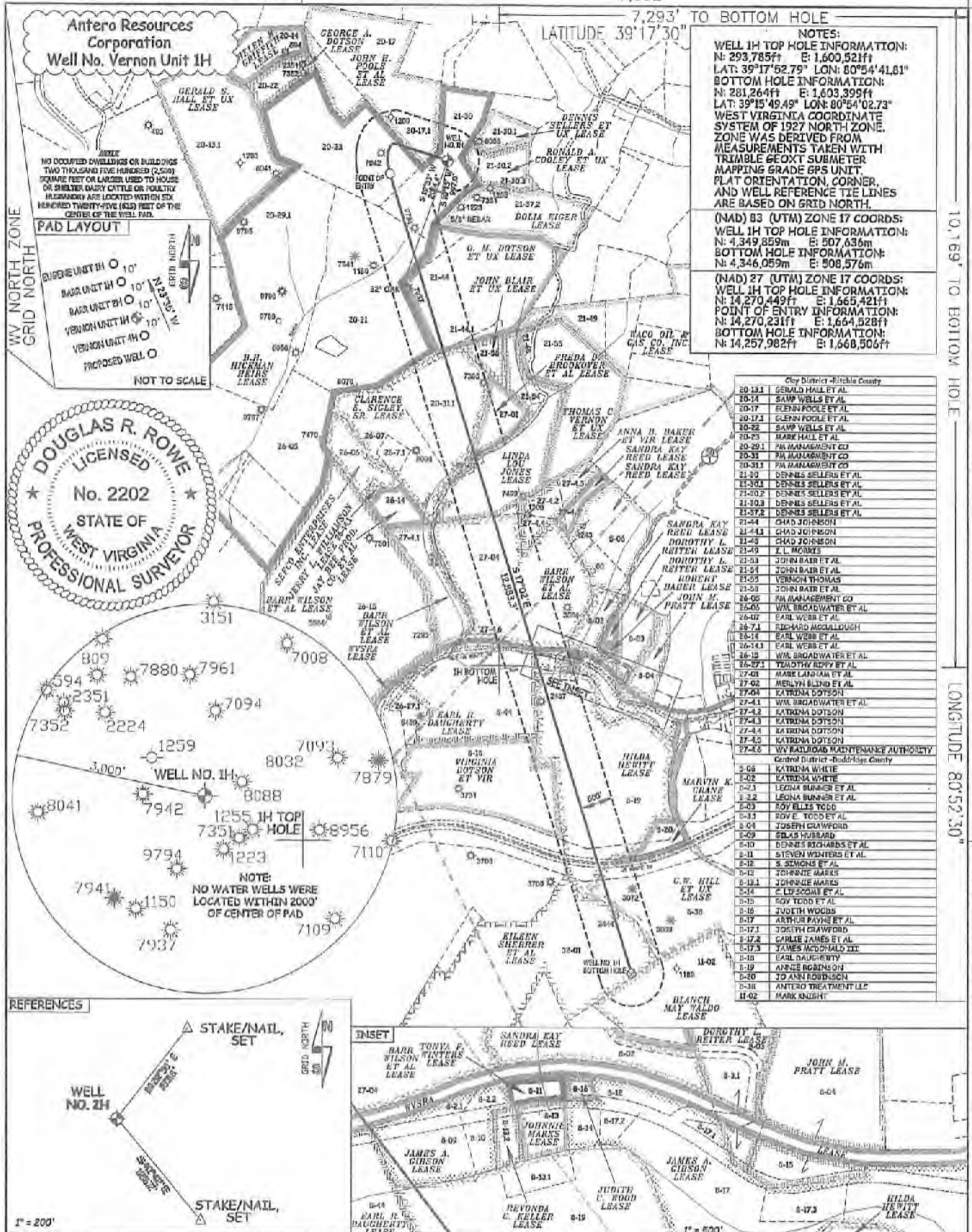


LATITUDE 39°20'00"

10,362'

LATITUDE 39°17'30"

7,293' TO BOTTOM HOLE



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 293,785ft E: 1,600,521ft
 LAT: 39°17'52.79" LON: 80°54'41.81"
 BOTTOM HOLE INFORMATION:
 N: 281,264ft E: 1,603,399ft
 LAT: 39°15'49.49" LON: 80°54'02.73"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.
 ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIANGLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

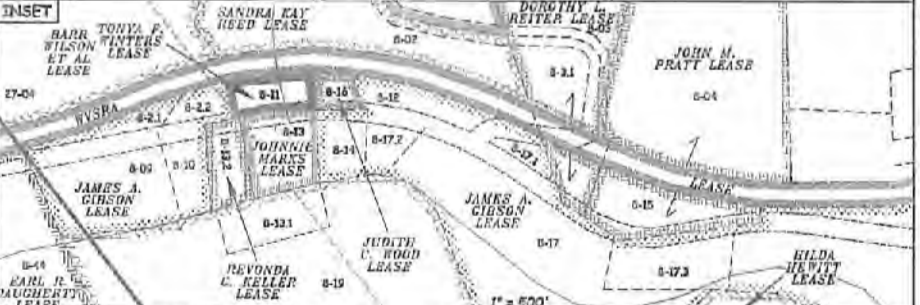
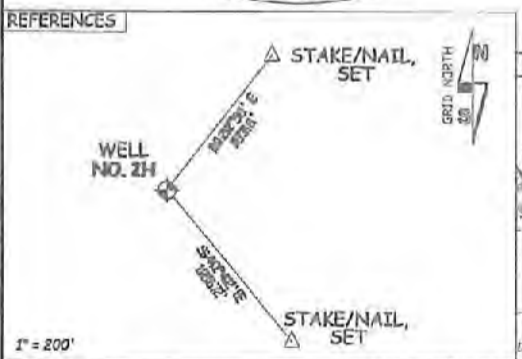
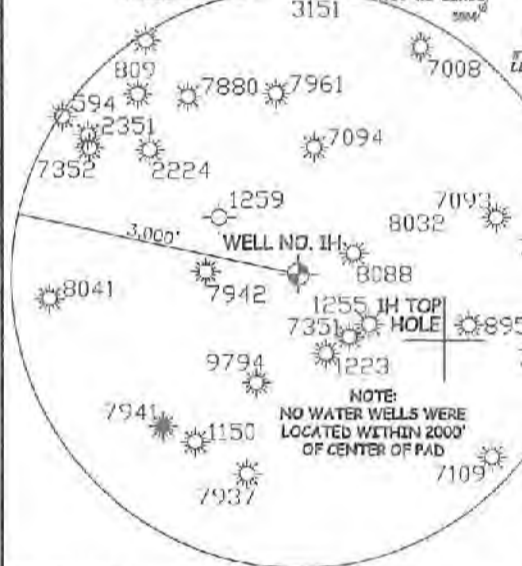
(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,349,859m E: 507,636m
 BOTTOM HOLE INFORMATION:
 N: 4,346,059m E: 508,576m

(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,270,449ft E: 1,665,421ft
 POINT OF ENTRY INFORMATION:
 N: 14,270,231ft E: 1,664,528ft
 BOTTOM HOLE INFORMATION:
 N: 14,257,982ft E: 1,668,506ft

City District - Ritchie County	
20-13	GERALD HALL ET AL
20-14	SAW WELLS ET AL
20-17	EILEEN POOLE ET AL
20-21	EILEEN POOLE ET AL
20-22	SAW WELLS ET AL
20-25	MARK HALL ET AL
20-29	PA MANAGEMENT CO
20-31	PA MANAGEMENT CO
20-31	PA MANAGEMENT CO
21-30	DENNIS SELLERS ET AL
21-30	DENNIS SELLERS ET AL
21-30	DENNIS SELLERS ET AL
21-30	DENNIS SELLERS ET AL
21-32	DENNIS SELLERS ET AL
21-32	DENNIS SELLERS ET AL
21-32	DENNIS SELLERS ET AL
21-32	DENNIS SELLERS ET AL
21-44	CHAD JOHNSON
21-44	CHAD JOHNSON
21-48	CHAD JOHNSON
21-49	E.L. MORRIS
21-53	JOHN BAIR ET AL
21-54	JOHN BAIR ET AL
21-55	VERNON THOMAS
21-58	JOHN BAIR ET AL
26-05	PA MANAGEMENT CO
26-05	WVA BROADWATER ET AL
26-07	EARL WEBB ET AL
26-71	RICHARD MCCULLOUGH
26-14	EARL WEBB ET AL
26-14	EARL WEBB ET AL
26-18	WVA BROADWATER ET AL
26-27	TEAGATH REBY ET AL
27-01	MARK LANHAM ET AL
27-02	MERLYN BLIND ET AL
27-04	KATRINA DOTSON
27-41	WVA BROADWATER ET AL
27-42	KATRINA DOTSON
27-43	KATRINA DOTSON
27-45	KATRINA DOTSON
27-45	KATRINA DOTSON
27-45	KATRINA DOTSON
27-45	WV ROADWAY MAINTENANCE AUTHORITY
Central District - Doddridge County	
3-06	KATRINA WHITE
3-02	KATRINA WHITE
3-21	LEONA BUNNEN ET AL
3-22	LEONA BUNNEN ET AL
3-03	ROY ELLIS TODD
3-04	ROY E. TODD ET AL
3-04	JOSEPH CRAWFORD
3-09	SHLAS HUBBARD
3-10	DENNIS RICHARDS ET AL
3-11	STEVEN WINTERS ET AL
3-12	S. SIMONS ET AL
3-12	JOHNIE MARKS
3-13	JOHNIE MARKS
3-14	LEE EGGY ET AL
3-15	ROY TODD ET AL
3-16	JUDITH WOODS
3-17	ARTHUR PAYNE ET AL
3-17	JOSEPH CRAWFORD
3-17	CARLIE JAMES ET AL
3-17	JAMES McDONALD III
3-18	EARL DAUGHERTY
3-19	ARBEE ROBINSON
3-20	JO ANN EDWARDS
3-38	ANTERO TREATMENT LLC
11-02	MARK SMITH

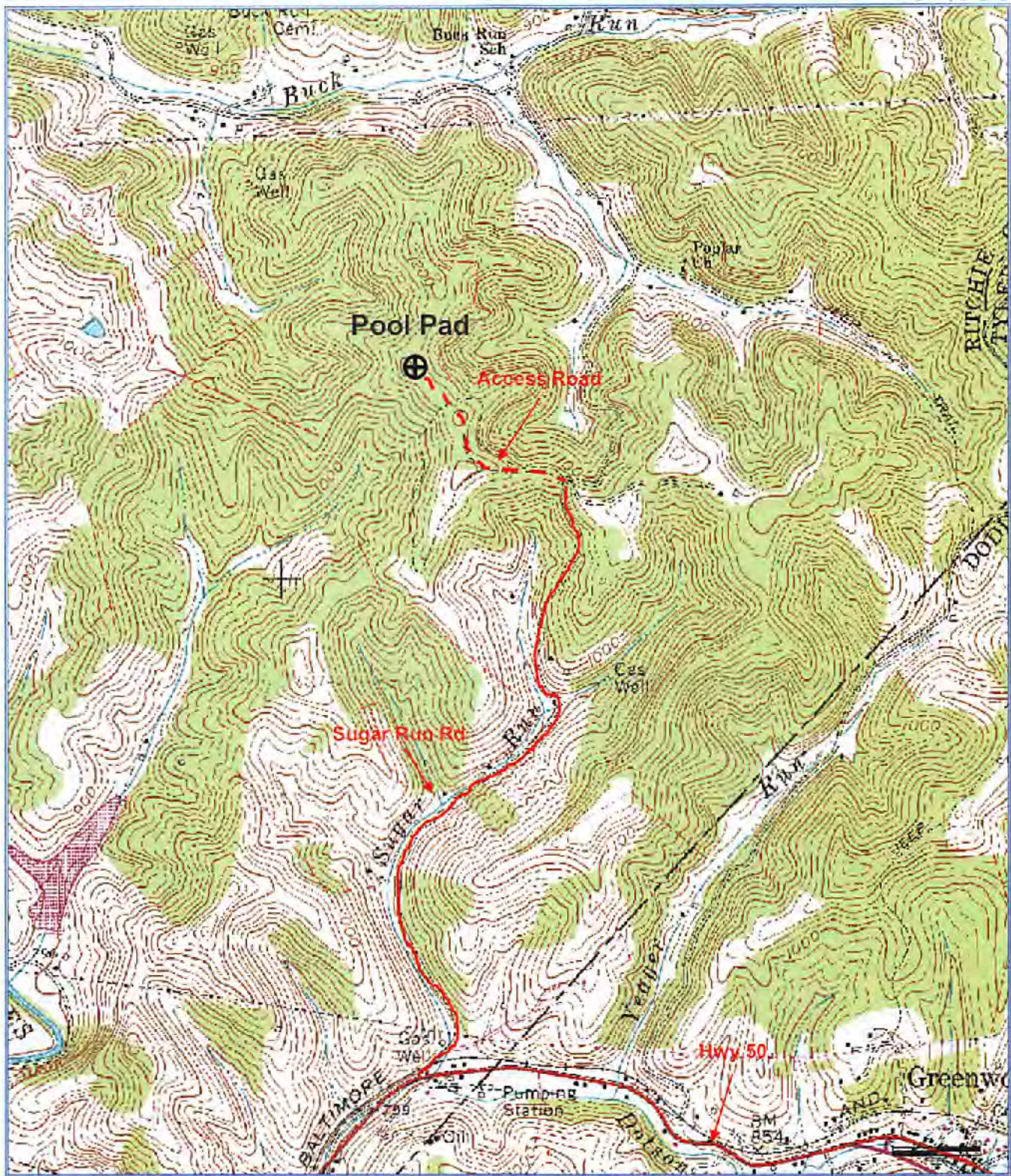


DOUGLAS R. ROWE
 LICENSED
 No. 2202
 STATE OF WEST VIRGINIA
 PROFESSIONAL SURVEYOR



JOB # 15-040WA	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.	LEGEND
DRAWING # VERNON1HRS	STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS	----- Surface Owner Boundary Lines +/-
SCALE 1" = 2000'		----- Interior Surface Tracts +/-
MINIMUM DEGREE OF ACCURACY SUBMETER	WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415	----- Existing Fence
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS		----- Found monument, as noted
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS	DATE 02/12/18	OPERATOR'S WELL# VERNON UNIT #1H
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL	47 085 10352 H&A	COUNTY NAME
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X	STATE COUNTY PERMIT	PERMIT
LOCATION: ELEVATION 1,184' AS BUILT WATERSHED NORTH FORK HUGHES RIVER	QUADRANGLE PENNSBORO 7.5 DISTRICT CLAY COUNTY KNOX	05/11/2018
SURFACE OWNER DENNIS J. SELLERS ACREAGE 39.26 ACRES +/-	LEASE ACREAGE 400 AC±; 75 AC±; 70 AC±;	
OIL & GAS ROYALTY OWNER B.H. HICKMAN HEIRS; JOHN H. POOLE ET AL; O. M. DOTSON ET UX;	110 AC±; 13.5 AC±; 49.806 AC±; 80 AC±; 301.19 AC±;	
CLARENCE E. SIGLEY, SR.; FRED A. BROOKOVER ET AL; LINDA LOU JONES; BARR WILSON ET AL; WVSRA;	62.13 AC±; 19 AC±; 100 AC±; 88.5 AC±; 500 AC±	
EARL R. DAUGHERTY; JAMES A. GIBSON; HILDA HEWITT; C. W. HILL ET UX; EILEEN SHERRER ET AL		
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X	PLUG & ABANDON CLEAN OUT & REPLUG	
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL		
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 21,300' MD		
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM		
ADDRESS 1815 WYNKOOP ST. DENVER, CO 80202	ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313	

85-10352



Antero Resources Corporation
Appalachian Basin
Vernon Unit 1H
Ritchie County

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

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

05/11/2018