

LATITUDE 39°25'00"

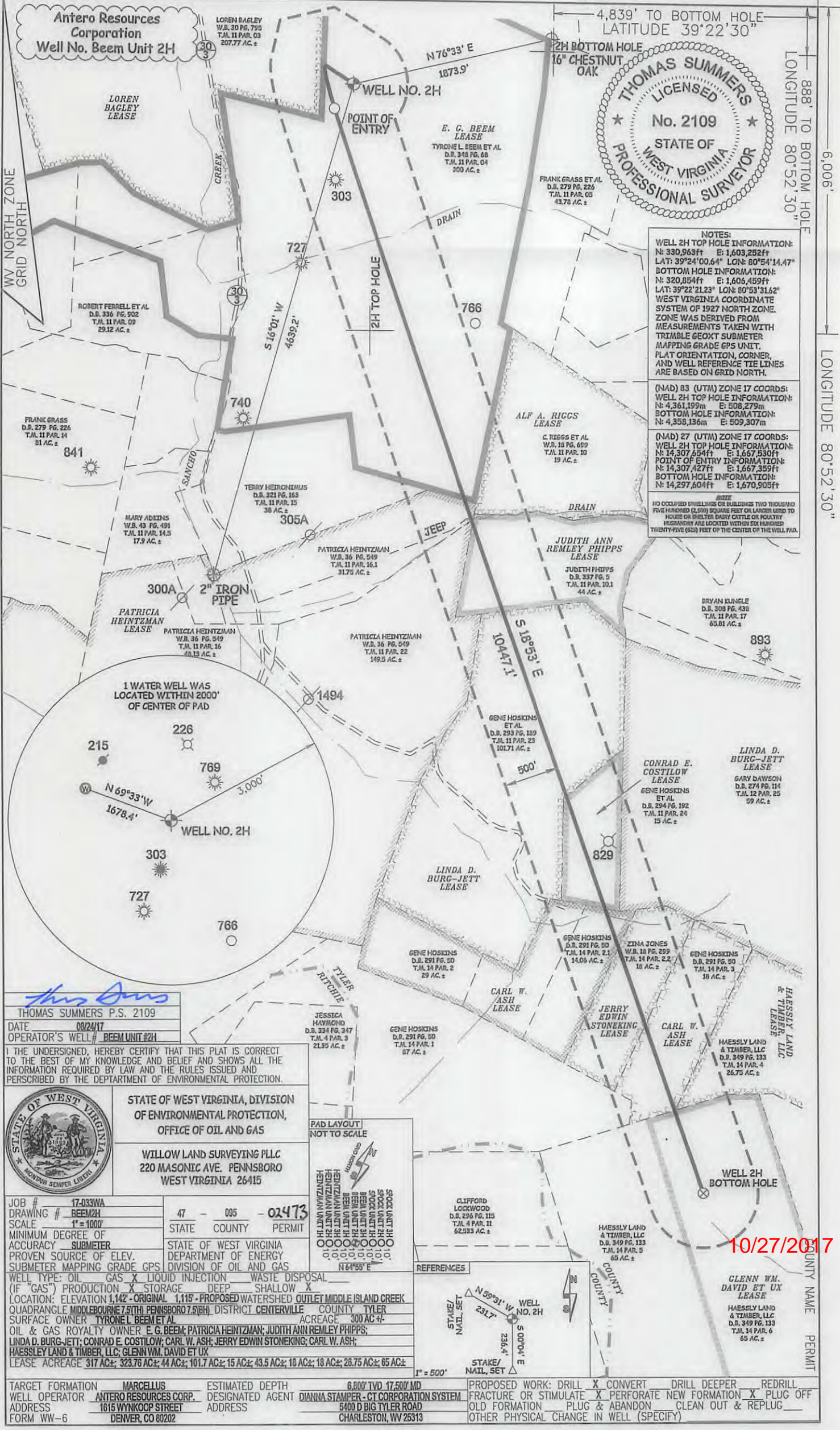
8,201'

4,839' TO BOTTOM HOLE  
LATITUDE 39°22'30"

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

6,006'

LONGITUDE 80°52'30"



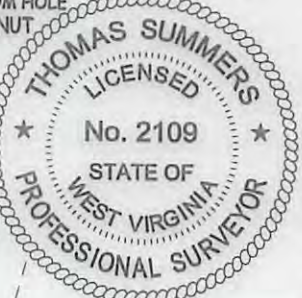
NOTES:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 330,963ft E: 1,603,252ft  
 LAT: 39°24'00.64" LON: 80°54'14.47"  
 BOTTOM HOLE INFORMATION:  
 N: 320,854ft E: 1,606,459ft  
 LAT: 39°22'21.23" LON: 80°53'31.62"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN 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 2H TOP HOLE INFORMATION:  
 N: 4,361,199m E: 508,279m  
 BOTTOM HOLE INFORMATION:  
 N: 4,358,136m E: 509,307m

(NAD) 27 (UTM) ZONE 17 COORDS:  
 WELL 2H TOP HOLE INFORMATION:  
 N: 14,307,654ft E: 1,667,530ft  
 POINT OF ENTRY INFORMATION:  
 N: 14,307,427ft E: 1,667,359ft  
 BOTTOM HOLE INFORMATION:  
 N: 14,297,604ft E: 1,670,905ft

NOTE:  
 NO OCCUPIED BUILDINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR STABLE EQUINE CATTLE OR PASTURE. HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

Antero Resources Corporation  
 Well No. Beem Unit 2H



THOMAS SUMMERS P.S. 2109  
 DATE 08/24/17  
 OPERATOR'S WELL # BEEM UNIT 2H

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

JOB # 17-033WA  
 DRAWING # BEEM2H  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

47 - 095 - 02473  
 STATE COUNTY PERMIT  
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X  
 LOCATION: ELEVATION 1,142' - ORIGINAL 1,115' - PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK  
 QUADRANGLE MIDDLEBOURNE 7.5TH PENNSBORO 7.5(BH) DISTRICT CENTERVILLE COUNTY TYLER  
 SURFACE OWNER TYRONE L. BEEM ET AL ACREAGE 300 AC +/-  
 OIL & GAS ROYALTY OWNER E. G. BEEM; PATRICIA HEINTZMAN; JUDITH ANN REMLEY PHIPPS;  
 LINDA D. BURG-JETT; CONRAD E. COSTILOW; CARL W. ASH; JERRY EDWIN STONEKING; CARL W. ASH;  
 HAESSLEY LAND & TIMBER, LLC; GLENN WM. DAVID ET UX  
 LEASE ACREAGE 317 AC±; 323.76 AC±; 44 AC±; 101.7 AC±; 15 AC±; 43.5 AC±; 18 AC±; 18 AC±; 26.75 AC±; 85 AC±

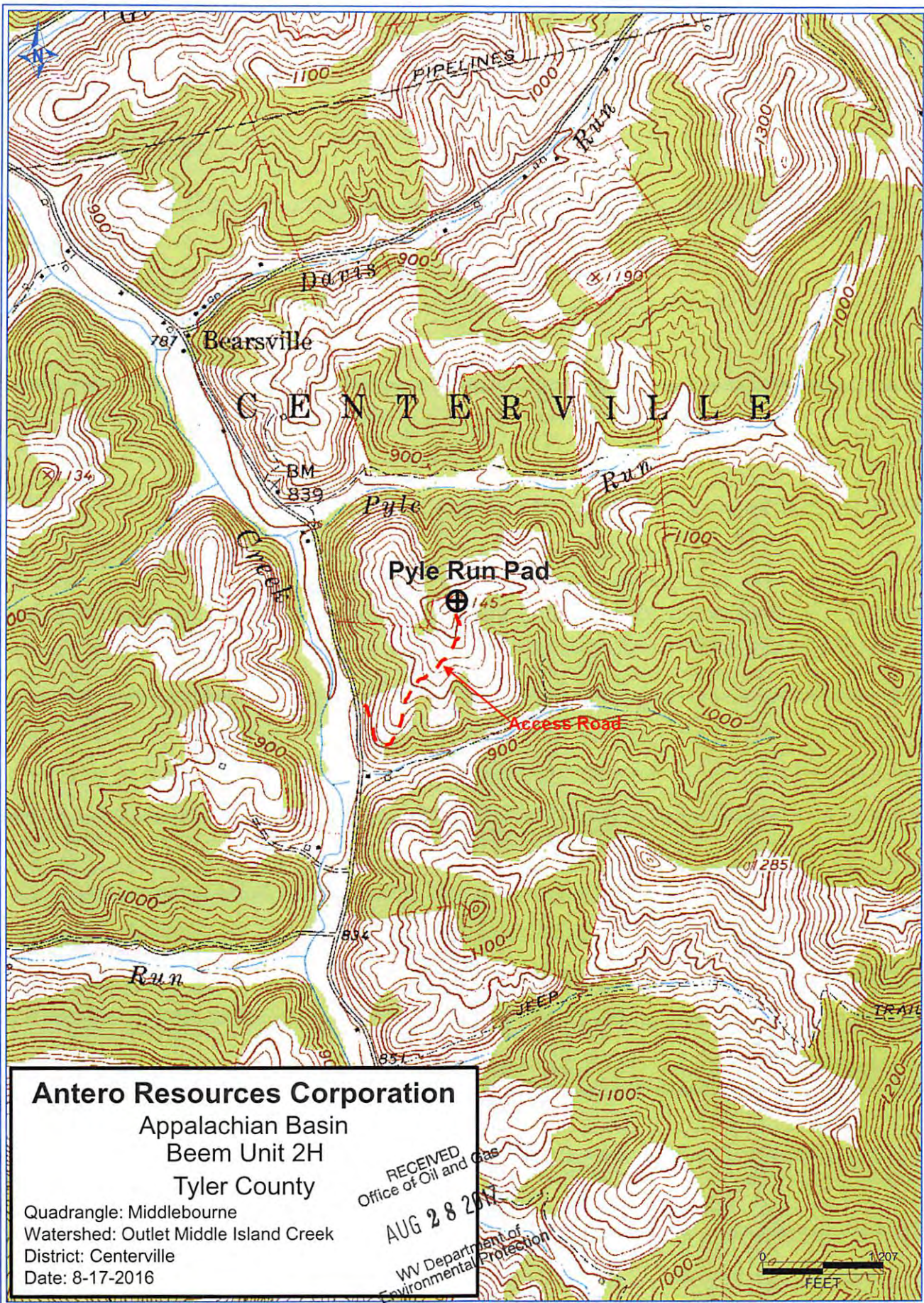
TARGET FORMATION MARCELLUS  
 WELL OPERATOR ANTERO RESOURCES CORP.  
 ADDRESS 1615 WYNKOOP STREET DENVER, CO 80202

ESTIMATED DEPTH 6,800' TWD 17,500' MD  
 DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL  
 FRACTURE OR STIMULATE X PERFORATE NEW FORMATION X PLUG OFF  
 OLD FORMATION PLUG & ABANDON CLEAN OUT & REPLUG  
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

10/27/2017





**Antero Resources Corporation**  
Appalachian Basin  
Beem Unit 2H  
Tyler County

Quadrangle: Middlebourne  
Watershed: Outlet Middle Island Creek  
District: Centerville  
Date: 8-17-2016

RECEIVED  
Office of Oil and Gas  
AUG 28 2016  
WV Department of  
Environmental Protection