

LATITUDE 39°25'00"

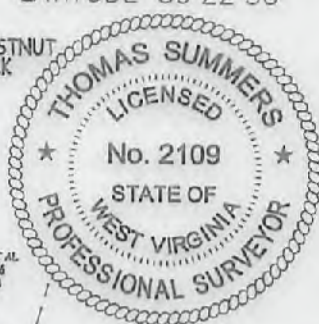
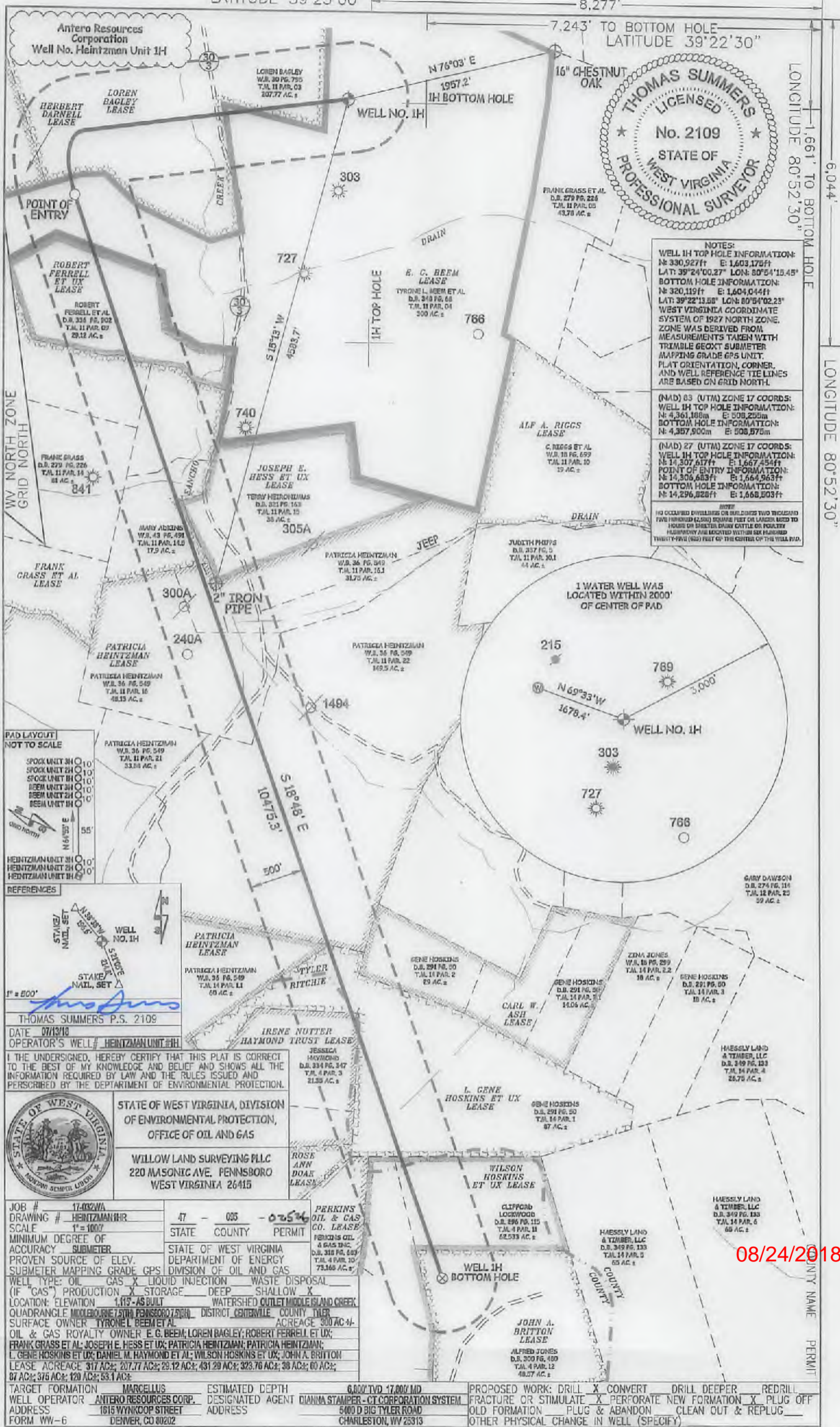
8,277'

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

LONGITUDE 80°52'30"

6,044'

LONGITUDE 80°52'30"



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 330,927ft E: 1,603,175ft
 LAT: 39°24'00.27" LON: 80°54'15.45"
 BOTTOM HOLE INFORMATION:
 N: 320,119ft E: 1,604,044ft
 LAT: 39°22'13.88" LON: 80°54'02.23"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER. MAPPING GRADE EPS UNIT. FLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,361,188m E: 508,255m
 BOTTOM HOLE INFORMATION:
 N: 4,357,900m E: 508,876m

(NAD 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,307,617ft E: 1,667,454ft
 POINT OF ENTRY INFORMATION:
 N: 14,306,683ft E: 1,664,963ft
 BOTTOM HOLE INFORMATION:
 N: 14,296,828ft E: 1,668,803ft

NOTE:
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,000) SQUARE FEET OR LARGER USED TO HOUSE OR EXERCISE DRAIN CATTLE OR POULTRY. HUSBANDRY AND MOVED WITHIN SIX HUNDRED TWENTY-FIVE (250) FEET OF THE CENTER OF THE WELL PAD.



REFERENCES

STAKE/NAIL SET
 ALBERTSON'S STORE
 WELL NO. 1H
 STAKE/NAIL SET

1" = 200'

THOMAS SUMMERS P.S. 2109
 DATE 07/13/18
 OPERATOR'S WELL: HEINTZMAN UNIT 1H

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 PERFORMED 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 # 17-032WA
 DRAWING # HEINTZMAN1H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,115' AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE MOOREBURN (5708 PENNSBORO 7500) DISTRICT CRITERVILLE COUNTY TYLER ACREAGE 300 AC ±
 SURFACE OWNER TYRONEL BEEM ET AL
 OIL & GAS ROYALTY OWNER E.C. BEEM, LOREN BAGLEY, ROBERT FERRELL ET UX;
 FRANK GRASS ET AL; JOSEPH E. HESS ET UX; PATRICIA HEINTZMAN; PATRICIA HEINTZMAN;
 L. GENE HOSKINS ET UX; DANIEL M. HAYMOND ET AL; WILSON HOSKINS ET UX; JOHN A. BRITTON
 LEASE ACREAGE 317 AC ±; 207.77 AC ±; 29.12 AC ±; 431.29 AC ±; 323.76 AC ±; 38 AC ±; 60 AC ±;
 87 AC ±; 316 AC ±; 120 AC ±; 53 AC ±

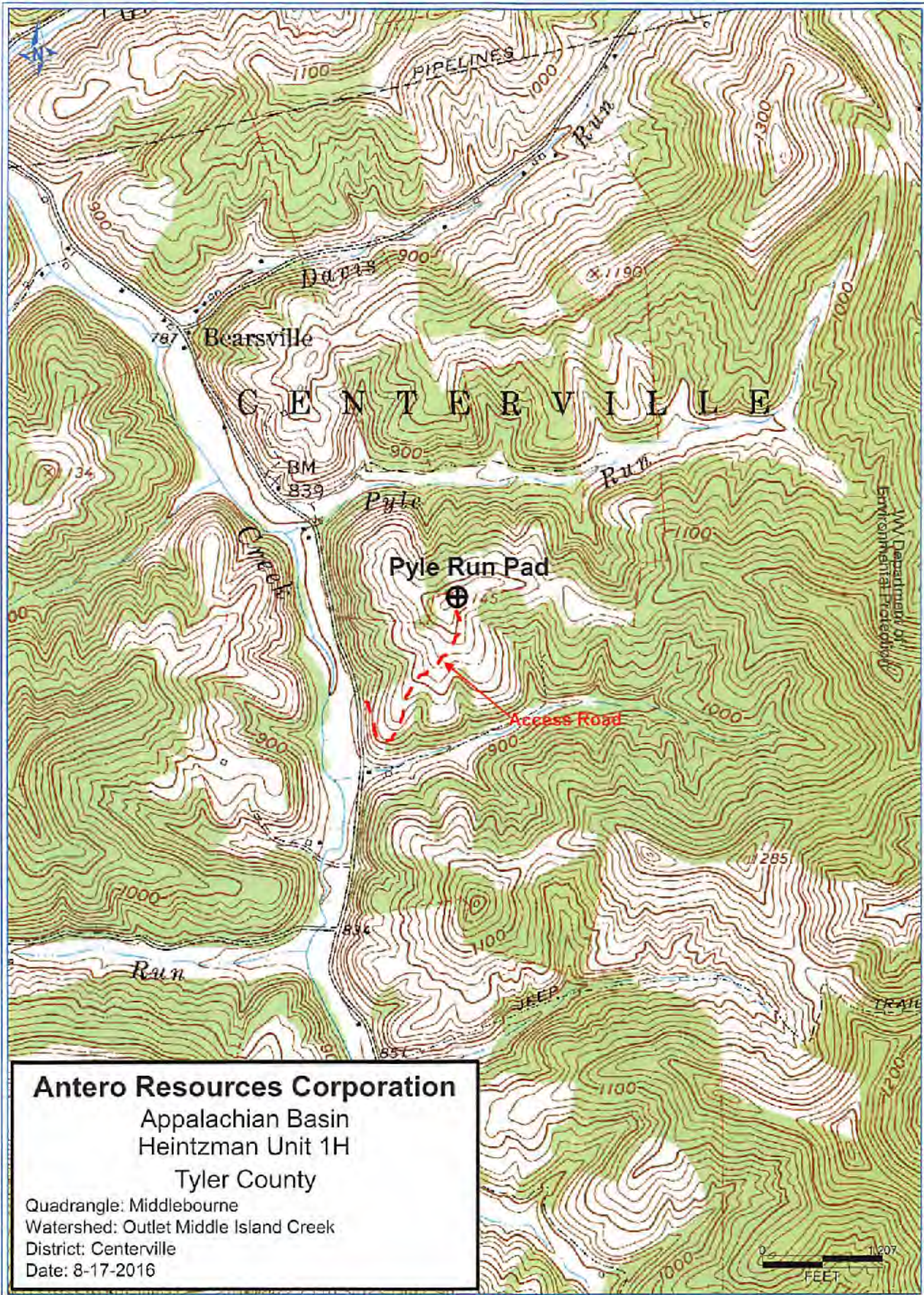
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,000' TVD - 17,000' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1815 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

FORM WW-6 DEIVER, CO 80202

PERKINS OIL & GAS CO. LEASE
 PERKINS OIL & GAS CO. LEASE
 D.B. 315 PG. 583 T.J.L. 4 PAR. 10 73,160 AC ±

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)

08/24/2018



Antero Resources Corporation
 Appalachian Basin
 Heintzman Unit 1H
 Tyler County
 Quadrangle: Middlebourne
 Watershed: Outlet Middle Island Creek
 District: Centerville
 Date: 8-17-2016

RECEIVED
 Office of Oil and Gas
 JUL 19 2018