

LATITUDE 39°27'30"

8,220'

10,993' TO BOTTOM HOLE

LATITUDE 39°27'30"

LONGITUDE 80°52'30"

4,251' TO BOTTOM HOLE

1,997'

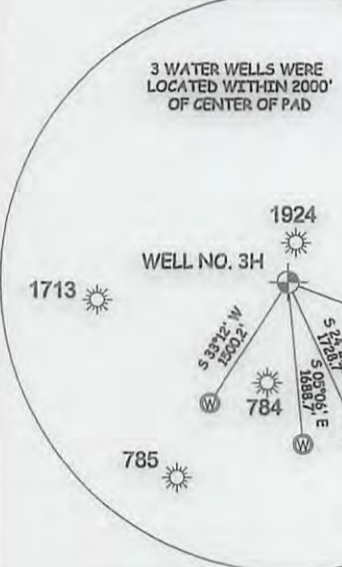
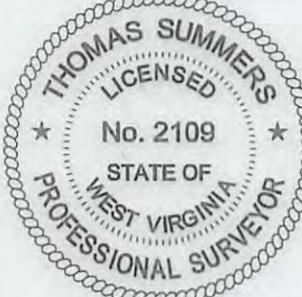
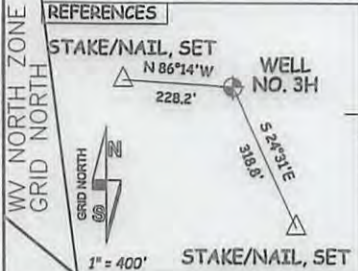
LONGITUDE 80°52'30"

Antero Resources Corporation Well No. Mysis Unit 3H

NOTES:
WELL 3H TOP HOLE INFORMATION:
 N: 340,148ft E: 1,603,373ft
 LAT: 39°25'31.43" LON: 80°54'14.76"
BOTTOM HOLE INFORMATION:
 N: 347,935ft E: 1,600,719ft
 LAT: 39°26'47.98" LON: 80°54'50.14"
 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 3H TOP HOLE INFORMATION:
 N: 4,363,998m E: 508,269m
BOTTOM HOLE INFORMATION:
 N: 4,366,357m E: 507,421m

(NAD 27 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
 N: 14,316,837ft E: 1,667,498ft
POINT OF ENTRY INFORMATION:
 N: 14,316,977ft E: 1,667,447ft
BOTTOM HOLE INFORMATION:
 N: 14,324,576ft E: 1,664,715ft



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.

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.



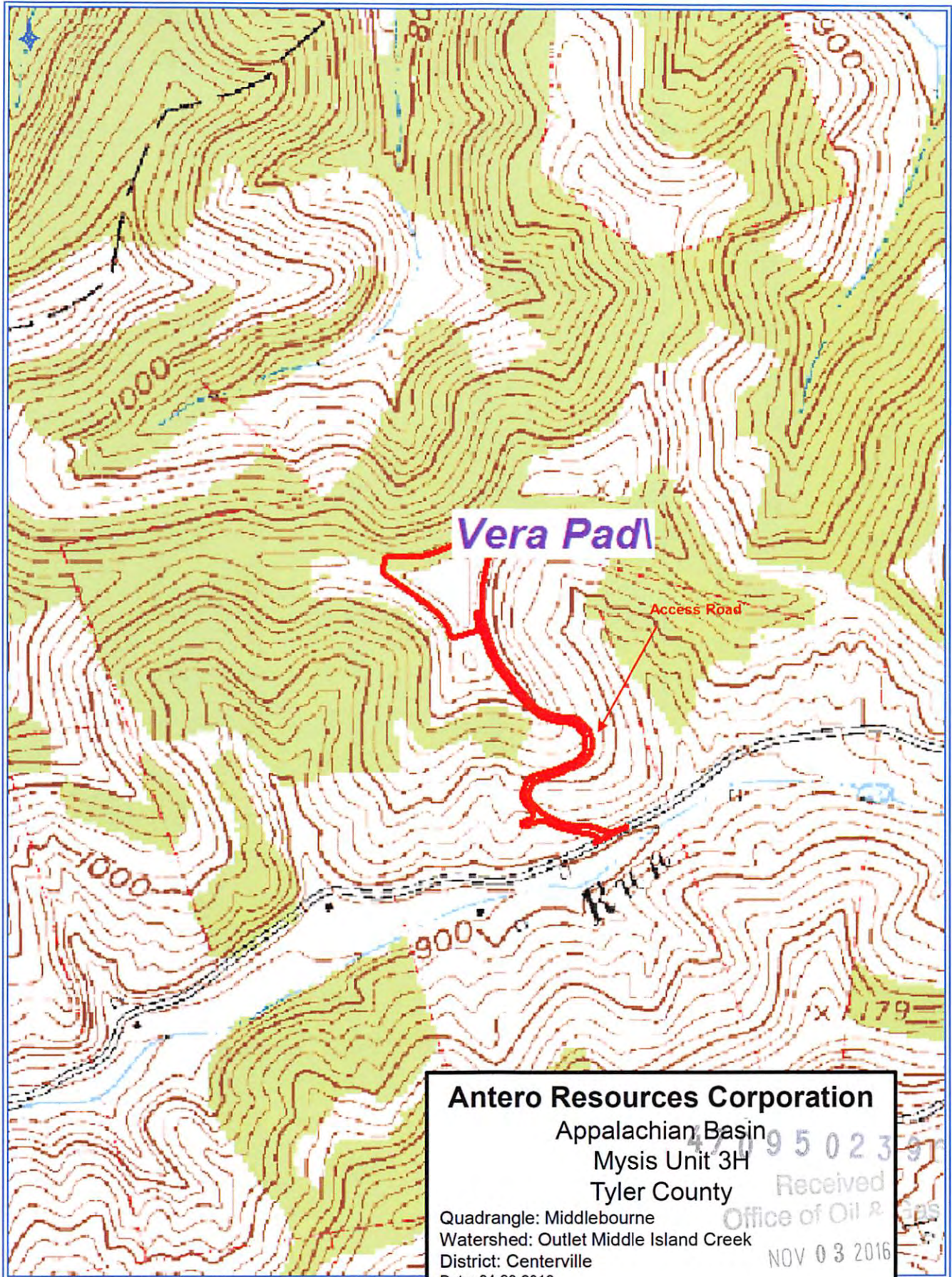
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 16-046WA
 DRAWING # MYSIS3H
 SCALE 1" = 1000'
 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 +/-
 - - - - - Existing Fence
 ⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109
 DATE 08/09/16
 OPERATOR'S WELL# MYSIS UNIT #3H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02396
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW STATE COUNTY PERMIT COUNTY NAME
 LOCATION: ELEVATION 1,168' - ORIGINAL 1,145' - PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT CENTERVILLE COUNTY TYLER
 SURFACE OWNER VERA O. THOMAS ACREAGE 51.11 ACRES +/-
 OIL & GAS ROYALTY OWNER NORMAN H. THOMAS ET UX; CATHY JO ASH ET UX; KATHLEEN L. LOUGH; LEASE ACREAGE 125 AC.±; 137.36 AC.±; 25.68 AC.±; KATHLEEN L. LOUGH; LARRY D. MCMULLEN; CHARLES O. CONAWAY; GLENNA R. MCMULLEN; 24.65 AC.±; 118.14 AC.±; 77.66 AC.±; 70 AC.±; THOMAS ADKINS ET UX; RALPH HALL; PATSY J. FLETCHER 8.69 AC.±; 41 AC.±; 69 AC.±;
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,100' TVD 15,700' 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



Antero Resources Corporation

Appalachian Basin

Mysis Unit 3H

Tyler County

Quadrangle: Middlebourne

Watershed: Outlet Middle Island Creek

District: Centerville

Date: 04-20-2016

470950235
Received
Office of Oil & Gas
NOV 03 2016