

LATITUDE 39°25'00"

8,192'

4,491' TO BOTTOM HOLE
LATITUDE 39°25'00"

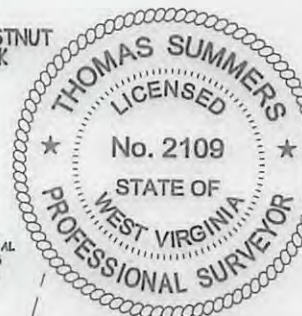
LONGITUDE 80°52'30"

6,002'

LONGITUDE 80°52'30"

15,094' TO BOTTOM HOLE

Antero Resources Corporation
Well No. Beem Unit 3H

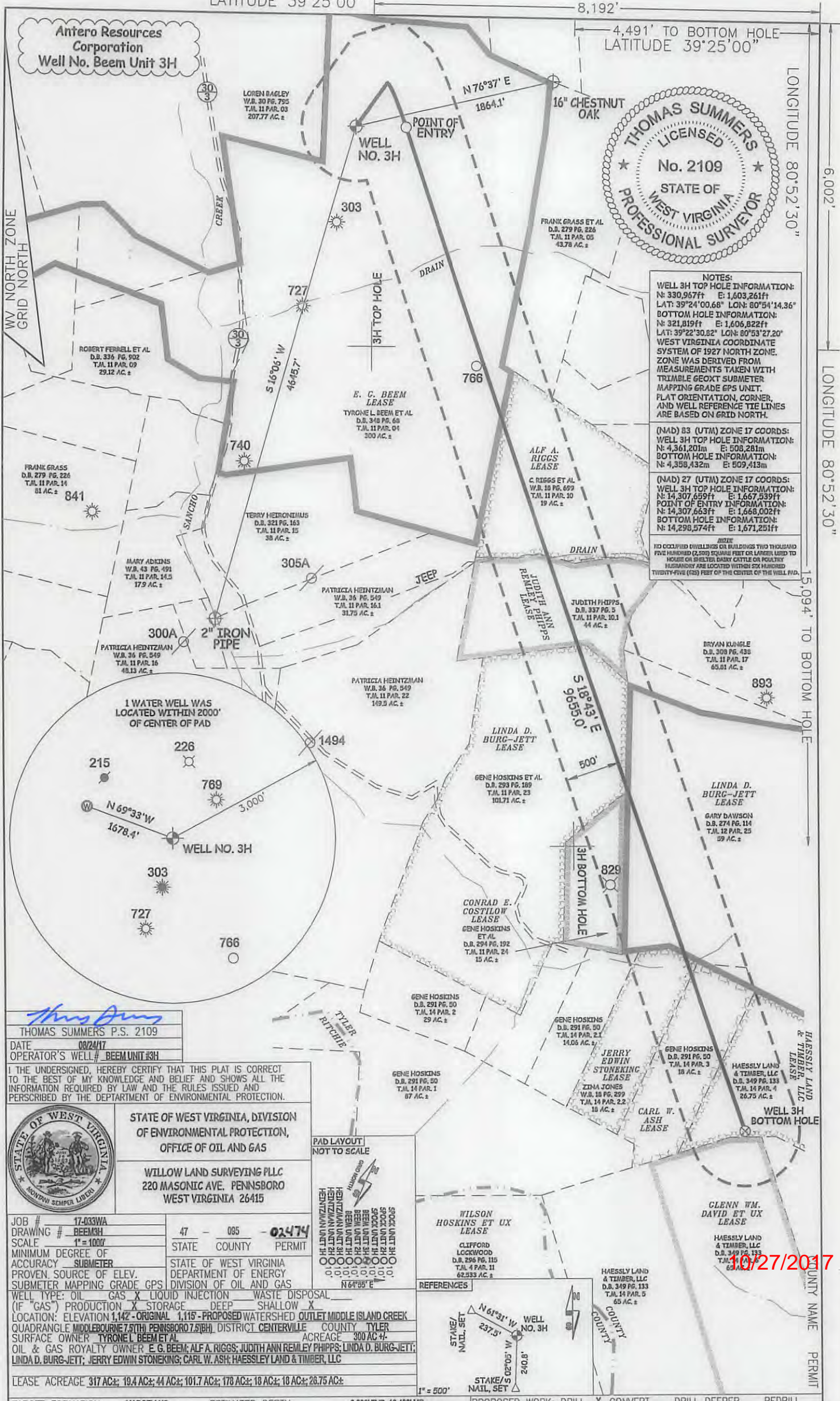


NOTES:
WELL 3H TOP HOLE INFORMATION:
N: 330,967ft E: 1,603,261ft
LAT: 39°24'00.68" LON: 80°51'14.36"
BOTTOM HOLE INFORMATION:
N: 321,819ft E: 1,606,822ft
LAT: 39°22'30.82" LON: 80°53'27.20"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIANGLE GEOKIT SUBMETER MAPPING GRADE GPS UNIT. FLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

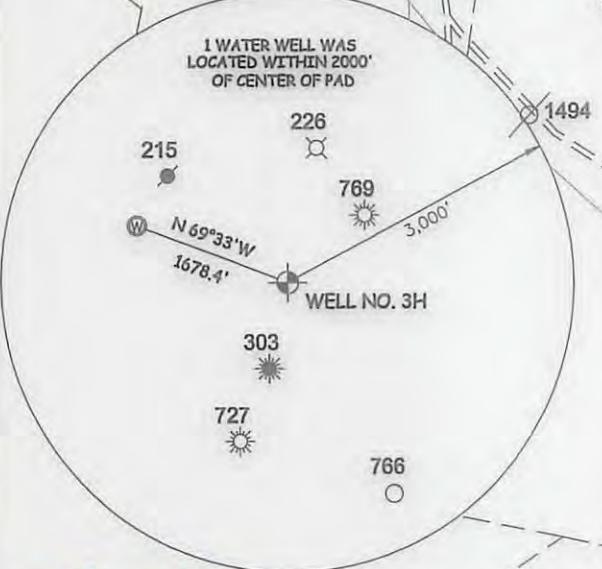
(NAD 83 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
N: 4,361,201m E: 508,281m
BOTTOM HOLE INFORMATION:
N: 4,358,432m E: 509,413m

(NAD 27 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
N: 14,307,659ft E: 1,667,539ft
POINT OF ENTRY INFORMATION:
N: 14,307,663ft E: 1,668,002ft
BOTTOM HOLE INFORMATION:
N: 14,298,574ft E: 1,671,251ft

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.



1 WATER WELL WAS LOCATED WITHIN 2000' OF CENTER OF PAD



Thomas Summers
THOMAS SUMMERS P.S. 2109
DATE 08/24/17
OPERATOR'S WELL# BEEM UNIT 3H

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 # BEEM3H
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

47 - 085 - 02474
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 7.5(T)H PENNSBORO 7.5(B)H DISTRICT CENTERVILLE COUNTY TYLER
SURFACE OWNER TYRONE L. BEEM ET AL ACREAGE 300 AC +/-
OIL & GAS ROYALTY OWNER E. G. BEEM; ALF A. RIGGS; JUDITH ANN REMLEY PHIPPS; LINDA D. BURG-JETT; LINDA D. BURG-JETT; JERRY EDWIN STONEKING; CARL W. ASH; HAESSLEY LAND & TIMBER, LLC

LEASE ACREAGE 317 AC±; 19.4 AC±; 44 AC±; 101.7 AC±; 178 AC±; 18 AC±; 18 AC±; 26.75 AC±

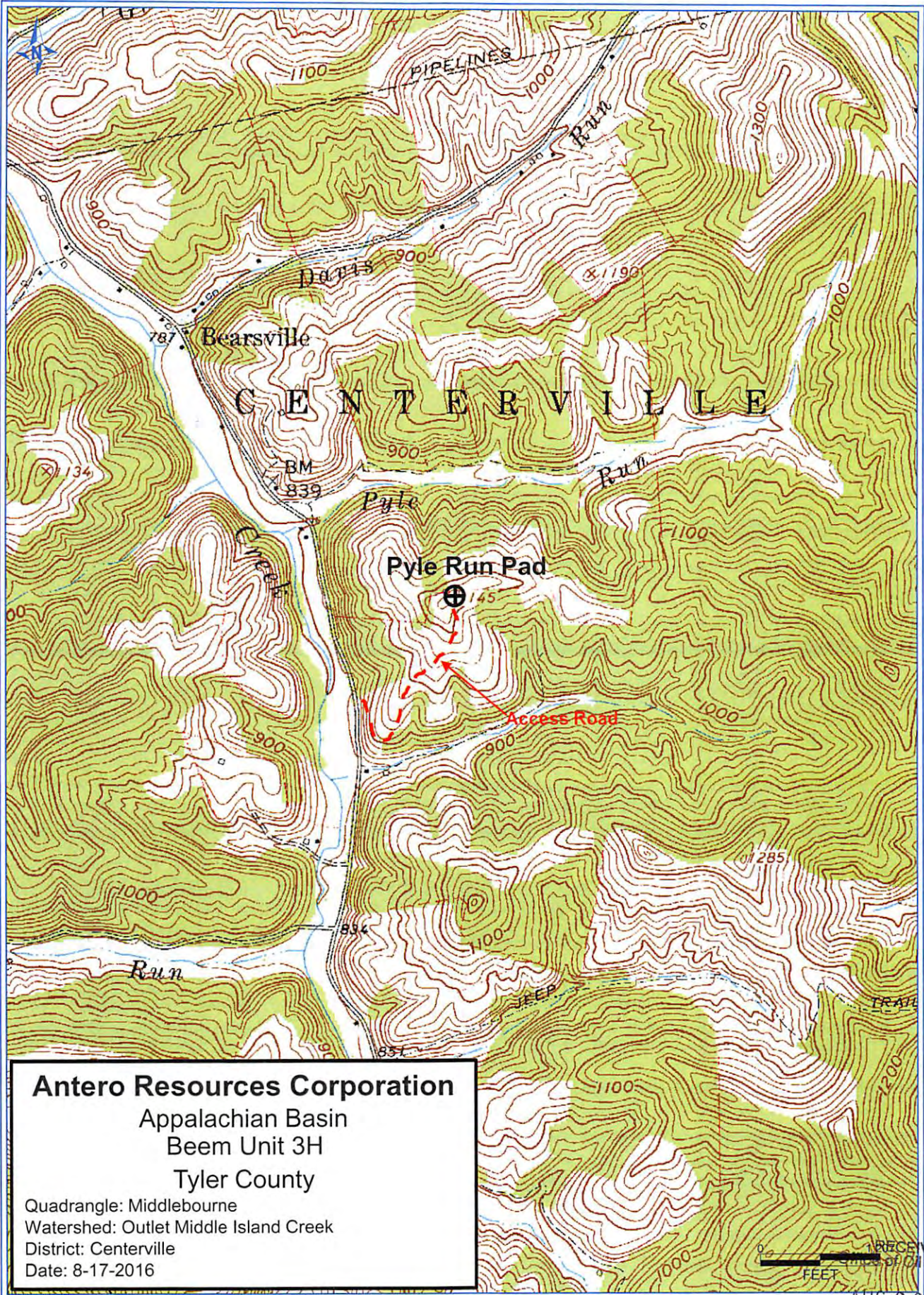
TARGET FORMATION MARCELLUS
WELL OPERATOR ANTERO RESOURCES CORP.
ADDRESS 1615 WYNKOOP STREET DENVER, CO 80202

ESTIMATED DEPTH 6,800' TVD 16,400' 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

TUNNY NAME PERMIT



Antero Resources Corporation
 Appalachian Basin
 Beem Unit 3H
 Tyler County

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

RECEIVED
 STATE OF OHIO
 DEPARTMENT OF OIL AND GAS
 FEET

AUG 28 2017
 10/27/2017
 WV Department of
 Environmental Protection