

LATITUDE 39°25'00" → 912'

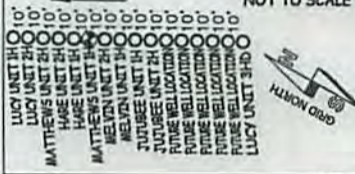
LONGITUDE 80°52'30" → 843'

Antero Resources Corporation
Well No. Matthews Unit 1H

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 336,012ft E: 1,610,619ft
LAT: 39°24'51.67" LON: 80°52'41.62"
BOTTOM HOLE INFORMATION:
N: 345,723ft E: 1,606,413ft
LAT: 39°26'26.99" LON: 80°53'37.12"
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 1H TOP HOLE INFORMATION:
N: 4,362,775m E: 510,497m
BOTTOM HOLE INFORMATION:
N: 4,365,712m E: 509,167m

PAD LAYOUT
NOT TO SCALE



WV NORTH ZONE
GRID NORTH

5,266' TO BOTTOM HOLE

LATITUDE 39°27'30"

1H TOP HOLE

LONGITUDE 80°52'30"

6,378' TO BOTTOM HOLE



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.

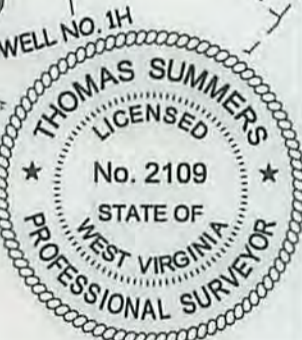


STATE OF WEST VIRGINIA, DIVISION
OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO
WEST VIRGINIA 26415

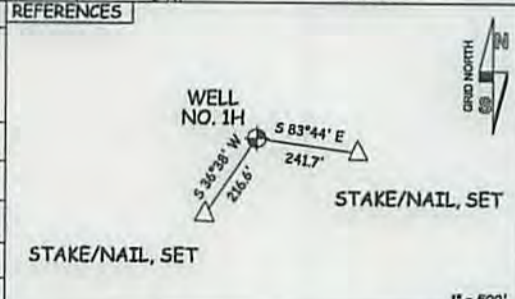
LANDING POINT
N:335825
E:1609741

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.



JOB # 15-010WA
DRAWING # MATTHEWS1H
SCALE 1" = 2000'
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

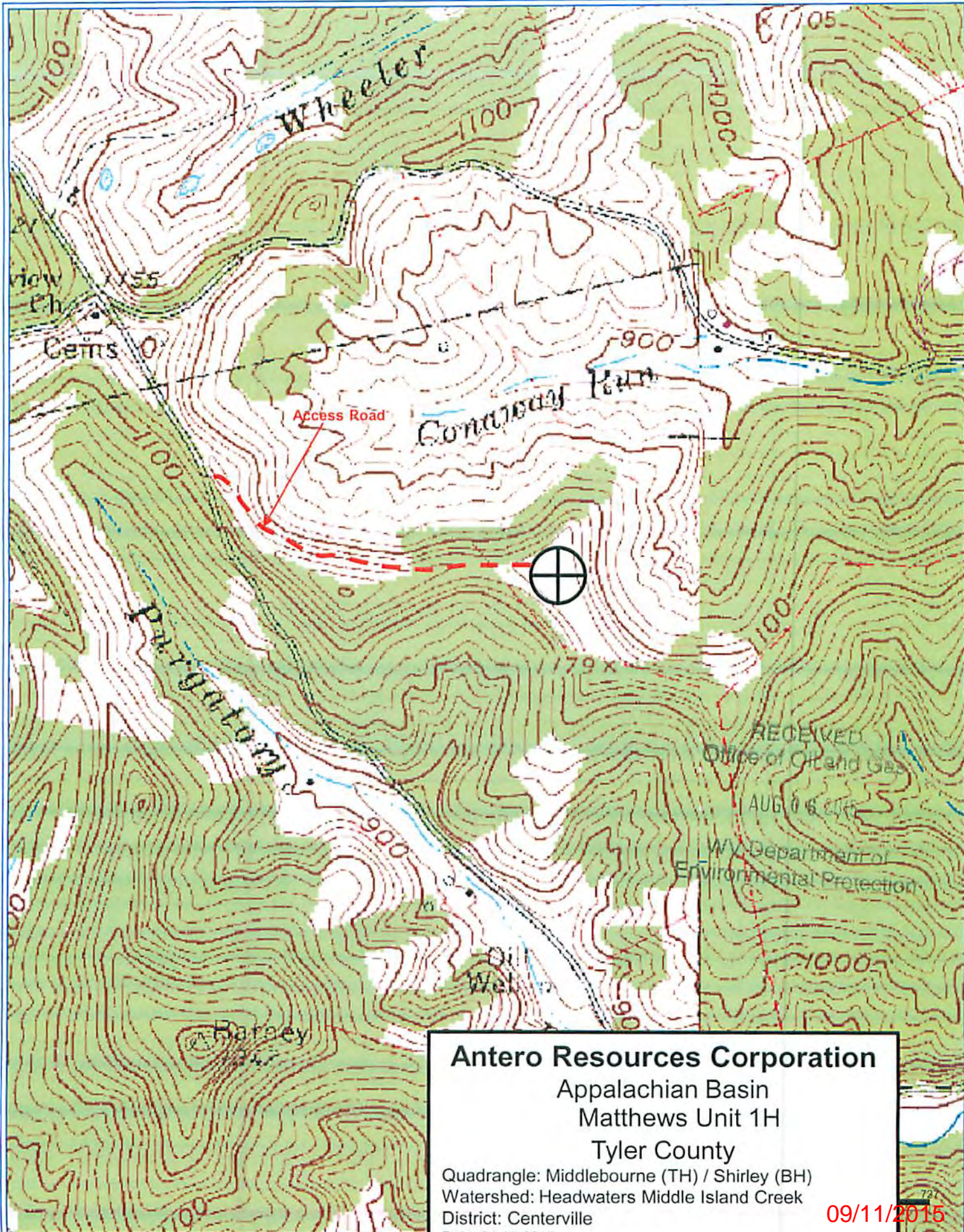
LEGEND
- - - Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
X Existing Fence
⊕ Found monument as noted
Thomas Summers
THOMAS SUMMERS P.S. 2109
DATE 07/08/15
OPERATOR'S WELL# MATTHEWS UNIT #1H



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 095 - 02304
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,160' - ORIGINAL 1,141' - PROPOSED STATE COUNTY MIDDLE ISLAND CREEK PERMIT
QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT CENTERVILLE COUNTY TYLER
SURFACE OWNER EDNA MONROE ACREAGE 110.32 ACRES +/-
OIL & GAS ROYALTY OWNER CARL W. NOLAN; E. THOMAS ESTLACK ET UX; STEPHANIE MCGOWEN; LEASE ACREAGE 116 AC.±; 85.5 AC.±; 170 AC.±
W.V.D.N.R.; MELVIN WILEY ET UX; RAY EDWARD ADKINS ET UX 553.16 AC.±; 378 AC.±; 100 AC.±
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 17,800' 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

COUNTY NAME PERMIT

09/11/2015



Antero Resources Corporation
 Appalachian Basin
 Matthews Unit 1H
 Tyler County
 Quadrangle: Middlebourne (TH) / Shirley (BH)
 Watershed: Headwaters Middle Island Creek
 District: Centerville
 Date: 04-15-2015

09/11/2015