

LATITUDE 39°25'00"

11,273'

LATITUDE 39°25'00"

LONGITUDE 80°55'00"

LONGITUDE 80°55'00"

10,464' TO BOTTOM HOLE

Antero Resources Corporation
Well No. Winchester Unit 1H

MARK A. KARL LEASE

A - SURFACE - RAYMOND L. MOORE
D.B. 285 PG. 310 T.M. 08 PAR. 29.1 L10 AC. ±
A - LEASE - RAYMOND L. MOORE ET UX
B - SURFACE - RAYMOND L. MOORE ET UX
D.B. 347 PG. 643 T.M. 08 PAR. 23.1 L23.6 AC. ±
B - LEASE - DAVID E. BOWYER
C1, C2, C3 - SURFACE - DONALD R.
ROBINSON ET AL. D.B. 294 PG. 713 T.M. 08
PAR. 20 0.914 AC. ±
C1 - LEASE - LILLIAN LEE EDDY
C2 - LEASE - DONALD E. ROBINSON ET UX
C3 - LEASE - EARL S. BLENDING

1H TOP HOLE

WELL NO. 1H

SUGAR CREEK

JASON L. GREATHOUSE LEASE

KERMIT C. MOSSOR ET AL.
D.B. 203 PG. 59
T.M. 08 PAR. 15
13.43 AC. ±

CHRISTOPHER CARSE ET AL.
D.B. 330 PG. 892
T.M. 08 PAR. 25
160.5 AC. ±

DAVID QUENTIN CARSE LEASE

C. CARSE ET AL.
D.B. 195 PG. 40
T.M. 08 PAR. 23
6.79 AC. ±

CHARLA M. WALLACE ET AL.
D.B. 343 PG. 658
T.M. 08 PAR. 24
100 AC. ±

THOMAS W. MOORE ET AL.
D.B. 380 PG. 749
T.M. 08 PAR. 22
55.25 AC. ±

STAKE/ NAIL, SET

WELL NO. 1H

STAKE/ NAIL, SET

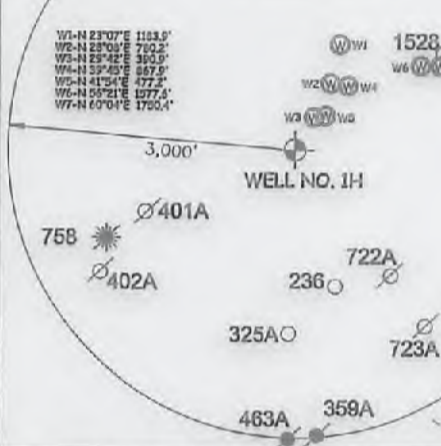
47 - 095 - 02515
STATE COUNTY PERMIT

NOTES:

WELL 1H TOP HOLE INFORMATION:
N: 336,617ft E: 1,588,492ft
LAT: 39°24'54.19" LON: 80°57'23.64"
BOTTOM HOLE INFORMATION:
N: 326,677ft E: 1,592,445ft
LAT: 39°23'16.58" LON: 80°56'31.25"
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: 4,362,847m E: 503,753m
BOTTOM HOLE INFORMATION:
N: 4,359,838m E: 503,008m

NOTE:
7 WATER WELLS WERE LOCATED WITHIN 2000' OF CENTER OF PAD



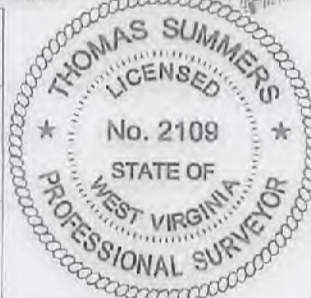
NOTE:
NO OCCUPIED DWELLINGS OR BUILDINGS THIS TRACT HAS BEEN IDENTIFIED (L2500) SURVEYED FEET ON LANDS ADJACENT TO HOUSE OR BUILT UP DRIVE OR FENCE OR FENCED BOUNDARY ARE LOCATED WITHIN 300 FEET (L2500) FEET OF THE CENTER OF THE WELL PAD.

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 PRESCRIBED 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 # 17-002WA
DRAWING # WINCHESTER1H660R
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

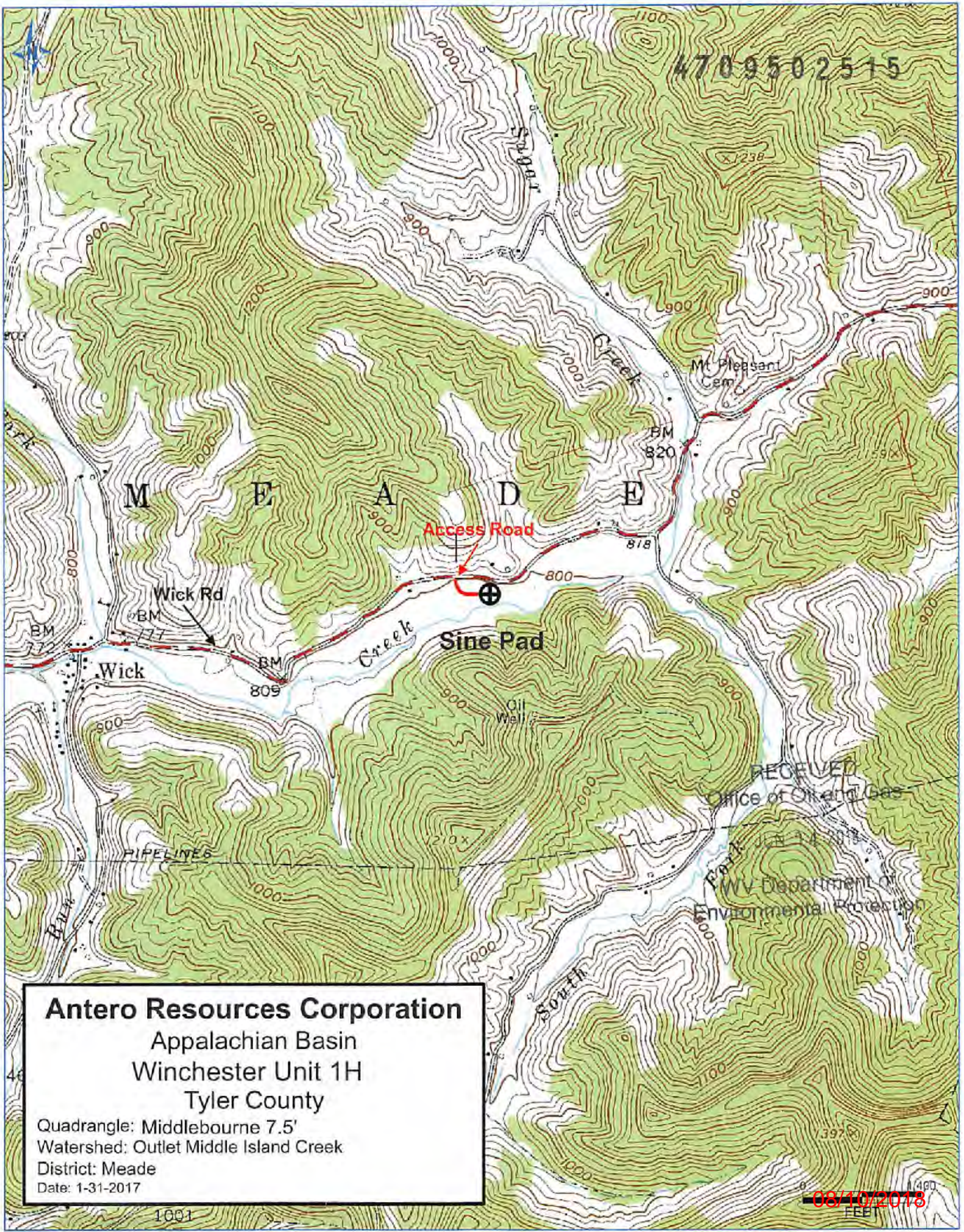
LEGEND
Surface Owner Boundary Lines +/-
Interior Surface Tracts +/-
Existing Fence
Found monument, as noted
THOMAS SUMMERS P.S. 2109
DATE 05/29/18
OPERATOR'S WELL# WINCHESTER UNIT #1H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 799' - AS-BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MEADE COUNTY TYLER
SURFACE OWNER JAMES SINE ET AL ACREAGE 32.395 ACRES +/-
OIL & GAS ROYALTY OWNER JAMES L. SINE ET UX; RAYMOND L. MOORE ET UX; LEASE ACREAGE 64.74 AC. ±; 1.1 AC. ±
ROBERT S. CARSE ET UX; TSAR-WV LLC; THOMAS MOORE ET AL; THOMAS W. MOORE ET AL; THOMAS W. MOORE ET AL; 140 AC. ±; 105 AC. ±; 175.07 AC. ±; 58.25 AC. ±; 3 AC. ±
CHARLES F. MOSSOR ET UX; THE JOELYNN FAMILY PRESERVATION TRUST; GARY A. BARNARD ET UX; JOE-DOM INC. 18.25 AC. ±; 200 AC. ±; 91.55 AC. ±; 380 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 6,600' TVD 18,400' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

RICHARD R. BARNARD ET AL.
D.B. 270 PG. 231
T.M. 11 PAR. 13
91.98 AC. ±
GARY A. BARNARD ET UX LEASE
JOE-DOM INC. LEASE
KEVIN BRIAN
D.B. 326 PG. 52
T.M. 11 PAR. 14
90.5 AC. ±
WELL 1H BOTTOM HOLE

08/10/2018

COUNTY NAME PERMIT



Antero Resources Corporation
 Appalachian Basin
 Winchester Unit 1H
 Tyler County

Quadrangle: Middlebourne 7.5'
 Watershed: Outlet Middle Island Creek
 District: Meade
 Date: 1-31-2017

RECEIVED
 Office of Oil and Gas
 WV Department of
 Environmental Protection

08/10/2018
 FEET