

LATITUDE 39°25'00"

11,258'

6,204' TO BOTTOM HOLE

LATITUDE 39°25'00"

589' LONGITUDE 80°55'00"

9,744' TO BOTTOM HOLE

LONGITUDE 80°55'00"

Antero Resources Corporation
Well No. Winchester Unit 2H
MARK A. KARL
LEASE

A - SURFACE - RAYMOND L. MOORE
D.B. 205 PG. 310 T.M. 08 PAR. 29.11.10 AC. ±
A - LEASE - RAYMOND L. MOORE ET UX
B - SURFACE - DESTROY B. NELSON ET AL
D.B. 347 PG. 643 T.M. 08 PAR. 29.11.23.6 AC. ±
B - LEASE - DAVID E. BOWYER
C1, C2, C3 - SURFACE - DONALD R. ROBINSON ET AL D.B. 294 PG. 713 T.M. 08 PAR. 28.8.94 AC. ±
C1 - LEASE - LILLIAN LEE EDDY
C2 - LEASE - DONALD E. ROBINSON ET UX
C3 - LEASE - EARL G. GLENDENING

NOTES:

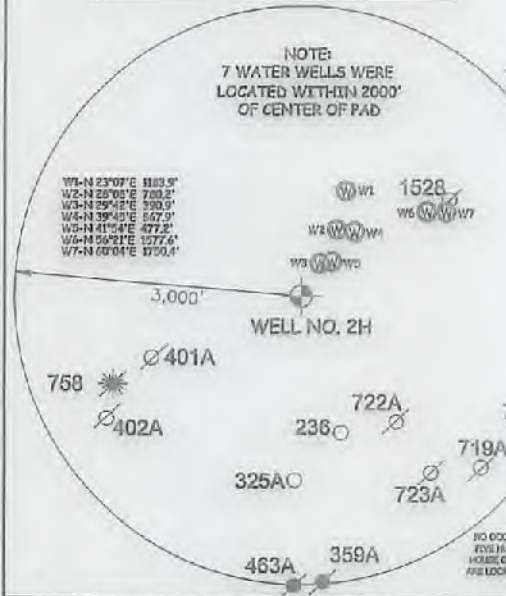
WELL 2H TOP HOLE INFORMATION:
N: 336,616ft E: 1,588,507ft
LAT: 39°24'54.18" LON: 80°57'23.45"
BOTTOM HOLE INFORMATION:
N: 327,380ft E: 1,593,417ft
LAT: 39°23'23.69" LON: 80°56'19.02"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 4,362,846m E: 503,758m
BOTTOM HOLE INFORMATION:
N: 4,360,058m E: 505,301m

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

W1-N 23°07'E 810.0'
W2-N 25°05'E 708.2'
W3-N 25°42'E 590.9'
W4-N 39°45'E 167.9'
W5-N 11°42'E 177.2'
W6-N 56°21'E 1277.6'
W7-N 00°04'E 1750.4'

WELL NO. 2H

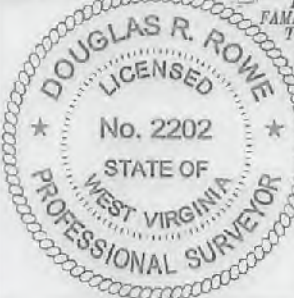


NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FEET FROM PAD (CLASS) EXCEPT FEET OR LARGER USED TO HOUSE OR STORE BURNING OILS OR FLUIDS. NEAREST ARE LOCATED WITHIN SIX HUNDRED THIRTY-FIVE (635) FEET OF THE CENTER OF THE WELL PAD.

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.



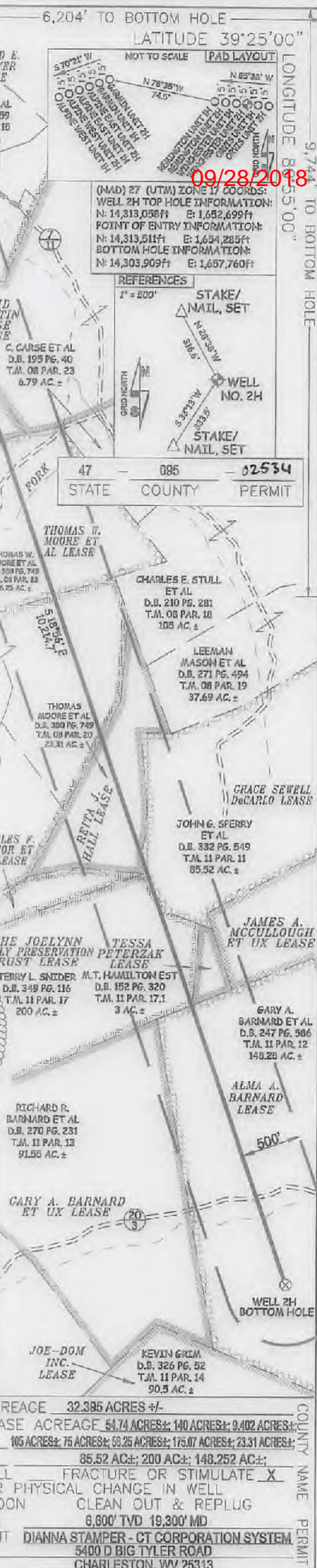
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 17-002WA
DRAWING # WINCHESTER2H030
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
DOUGLAS R. ROWE P.S. 2202
DATE 07/26/18
OPERATOR'S WELL # WINCHESTER UNIT #2H

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; ROBERT S. CARSE ET UX; JASON GREATHOUSE; LEASE ACREAGE 54.74 ACRES ±; 140 ACRES ±; 9.402 ACRES ±;
DAVID QUENTIN CARSE; TSAR-WV LLC; THOMAS W. MOORE ET AL; THOMAS MOORE ET AL; REITA J. HALL; 105 ACRES ±; 75 ACRES ±; 55.25 ACRES ±; 175.07 ACRES ±; 23.31 ACRES ±;
GRACE SEWELL DECARLO; THE JOELYNN FAMILY PRESERVATION TRUST; ALMA A. BARNARD 85.52 AC ±; 200 AC ±; 148.252 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 19,300' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

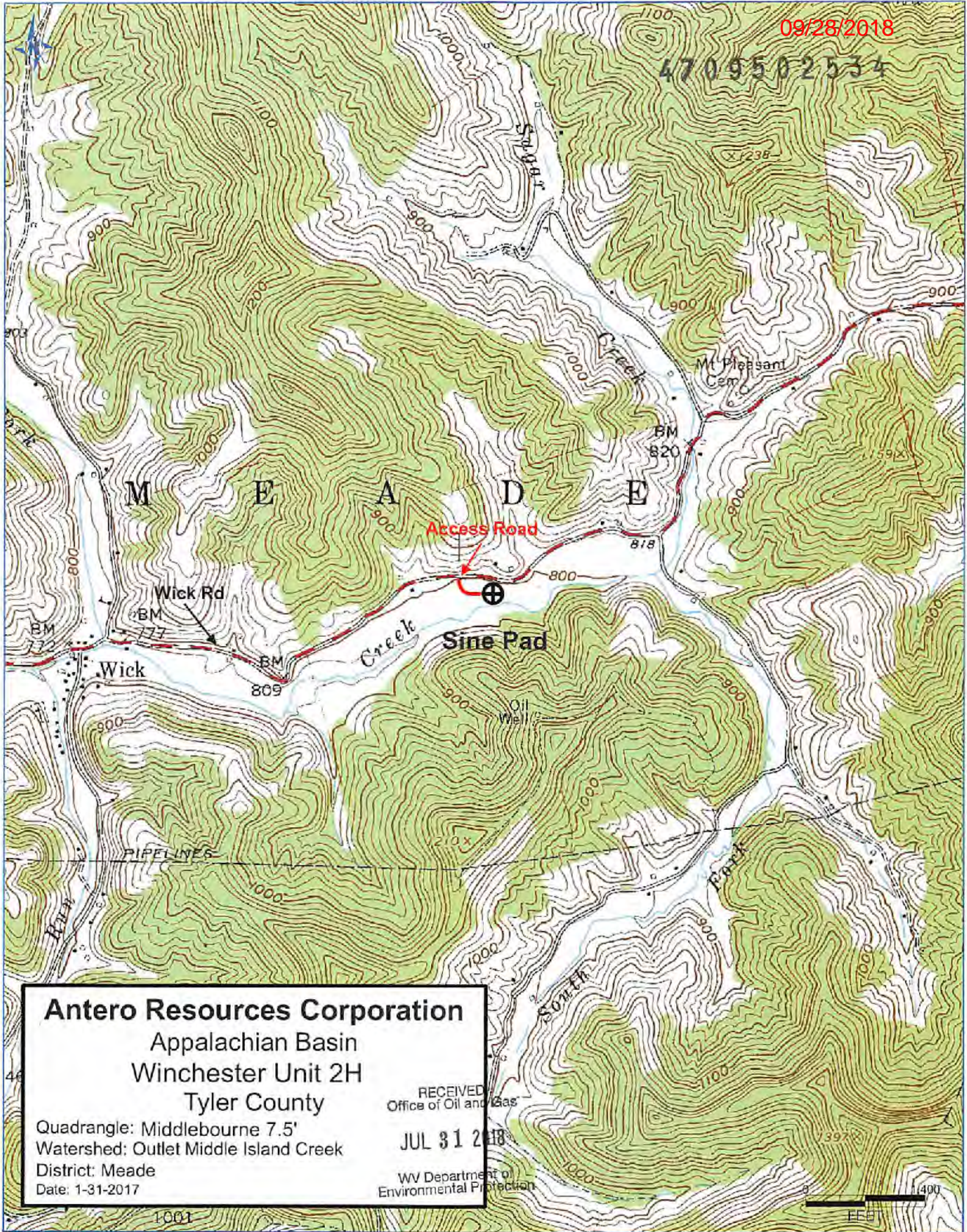


09/28/2018

47 STATE 085 COUNTY 02534 PERMIT

09/28/2018

4709502534



Antero Resources Corporation
 Appalachian Basin
 Winchester Unit 2H
 Tyler County

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

RECEIVED
 Office of Oil and Gas
 JUL 31 2018
 WV Department of
 Environmental Protection