

LATITUDE 39°25'00"

11,463'

LATITUDE 39°27'30"

233' TO BOTTOM HOLE
LONGITUDE 80°17'30"
564' LONGITUDE 80°55'00"

IH TOP HOLE

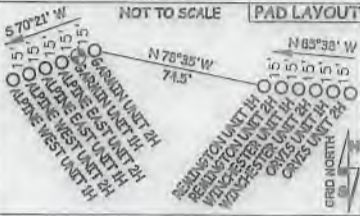
3,324' TO BOTTOM HOLE

Antero Resources Corporation
Well No. Garmin Unit IH

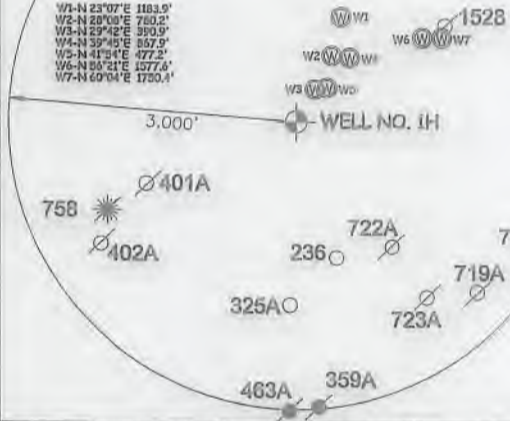
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR BLENDED DAIRY CATTLE OR POULTRY HERDS AND ARE LOCATED WITHIN ONE HUNDRED TWENTY-FIVE (125) FEET OF THE CENTER OF THE WELL PAD.

NOTES:
WELL IH TOP HOLE INFORMATION:
N: 336,644ft E: 1,588,302ft
LAT: 39°24'54.43" LON: 80°57'26.07"
BOTTOM HOLE INFORMATION:
N: 352,209ft E: 1,584,921ft
LAT: 39°27'27.71" LON: 80°58'12.38"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIABLE 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 IH TOP HOLE INFORMATION:
N: 4,362,854m E: 503,695m
BOTTOM HOLE INFORMATION:
N: 4,367,579m E: 502,586m



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

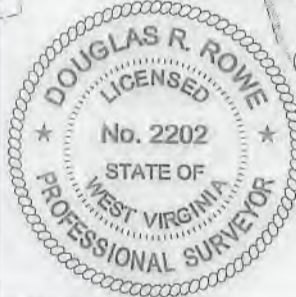


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

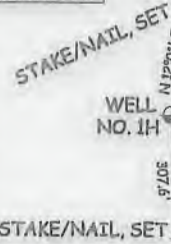
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 17-004WA
DRAWING # GARMINH830
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

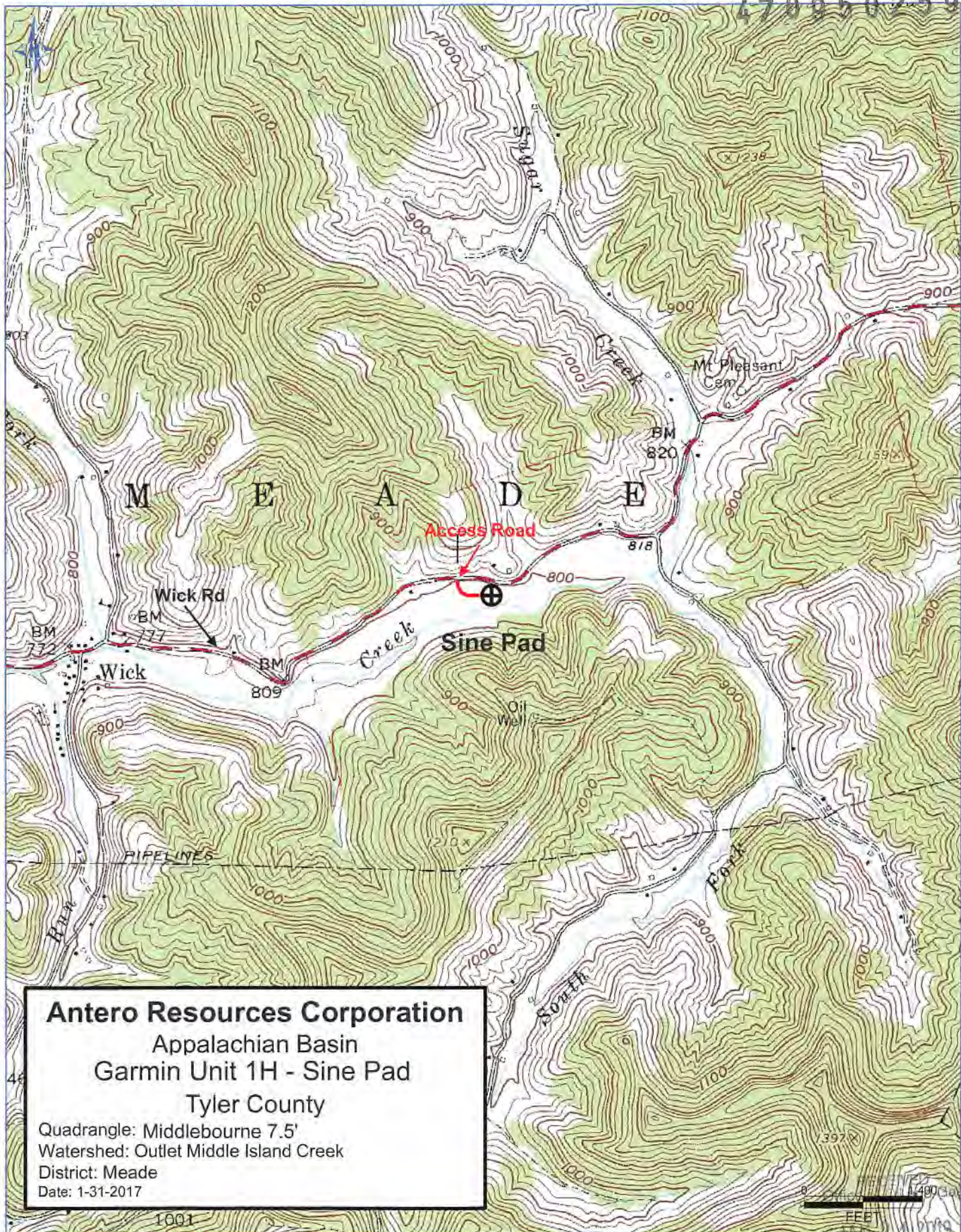
LEGEND
- - - - - Surface Owner Boundary Lines +/-
- - - - - Interior Surface Tracts +/-
- - - - - Existing Fence
+ Found monument, as noted
DOUGLAS R. ROWE P.S. 2202
DATE 06/08/18
OPERATOR'S WELL# GARMIN UNIT #IH

REFERENCES



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02618
(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 SINE ET UX; ROBERT S. CARSE ET UX; JASON L. GREATHOUSE; DAVID E. BOWYER; DAVID W. JUDGE; DAVID L. STEVENS ET UX; MAXINE GUMM; JAMES M. UTT; ROGER L. STEVENS ET UX; ALLIANCE PETROLEUM CORP.; AMY B. PARIS; ERIC T. ANDERSON; CHARLOTTE M. ADAMS; GEORGE ALLAN EDDY; JEFFEREY D. CORRELL; ALFRED EDWARD TUTTLE ET AL; EDWIN EARNEST WEBER JR. ET UX; HAROLD E. ANDREWS ET UX; JOSHUA BOTKINS
LEASE ACREAGE 54.74 AC±; 140 AC±; 9.40 AC±; 1.236 AC±; 13.15 AC±; 32 AC±; 66 AC±; 204.88 AC±; 60 AC±; 40 AC±; 98 AC±; 53.33 AC±; 185.25 AC±; 5.66 AC±; 5.67 AC±; 135.56 AC±; 100.5 AC±; 25.413 AC±; 96 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 6,500' TVD 24,700' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DJANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

03/29/2019



Antero Resources Corporation
 Appalachian Basin
 Garmin Unit 1H - Sine Pad
 Tyler County

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

RECEIVED
 1490340
 FEB 2 2019
 JAN 2 2019