

LATITUDE 39°27'30"

8,201'

LATITUDE 39°27'30"

LONGITUDE 80°52'30"

12,054'

LONGITUDE 80°52'30"

Antero Resources Corporation Well No. San Juan Unit 3H

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.

DENVER McMULLEN D.B. 348 PG. 397 T.J.L. 26 PAR. 34.1 70 AC.±

PAUL ASH EST. D.B. 91 PG. 275 T.J.L. 26 PAR. 36 41.68 AC.±

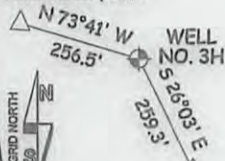
NOTES: WELL 3H TOP HOLE INFORMATION: N: 340,091ft E: 1,603,391ft LAT: 39°25'30.87" LON: 80°54'14.51" BOTTOM HOLE INFORMATION: N: 349,433ft E: 1,602,301ft LAT: 39°27'03.02" LON: 80°54'30.27" WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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 3H TOP HOLE INFORMATION: N: 4,363,981m E: 508,275m BOTTOM HOLE INFORMATION: N: 4,366,821m E: 507,895m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 3H TOP HOLE INFORMATION: N: 14,316,780ft E: 1,667,517ft POINT OF ENTRY INFORMATION: N: 14,317,610ft E: 1,669,344ft BOTTOM HOLE INFORMATION: N: 14,326,099ft E: 1,666,272ft

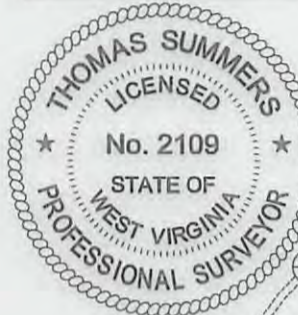
REFERENCES

STAKE/NAIL, SET



STAKE/NAIL, SET

WV NORTH ZONE GRID NORTH



3 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 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

PAD LAYOUT

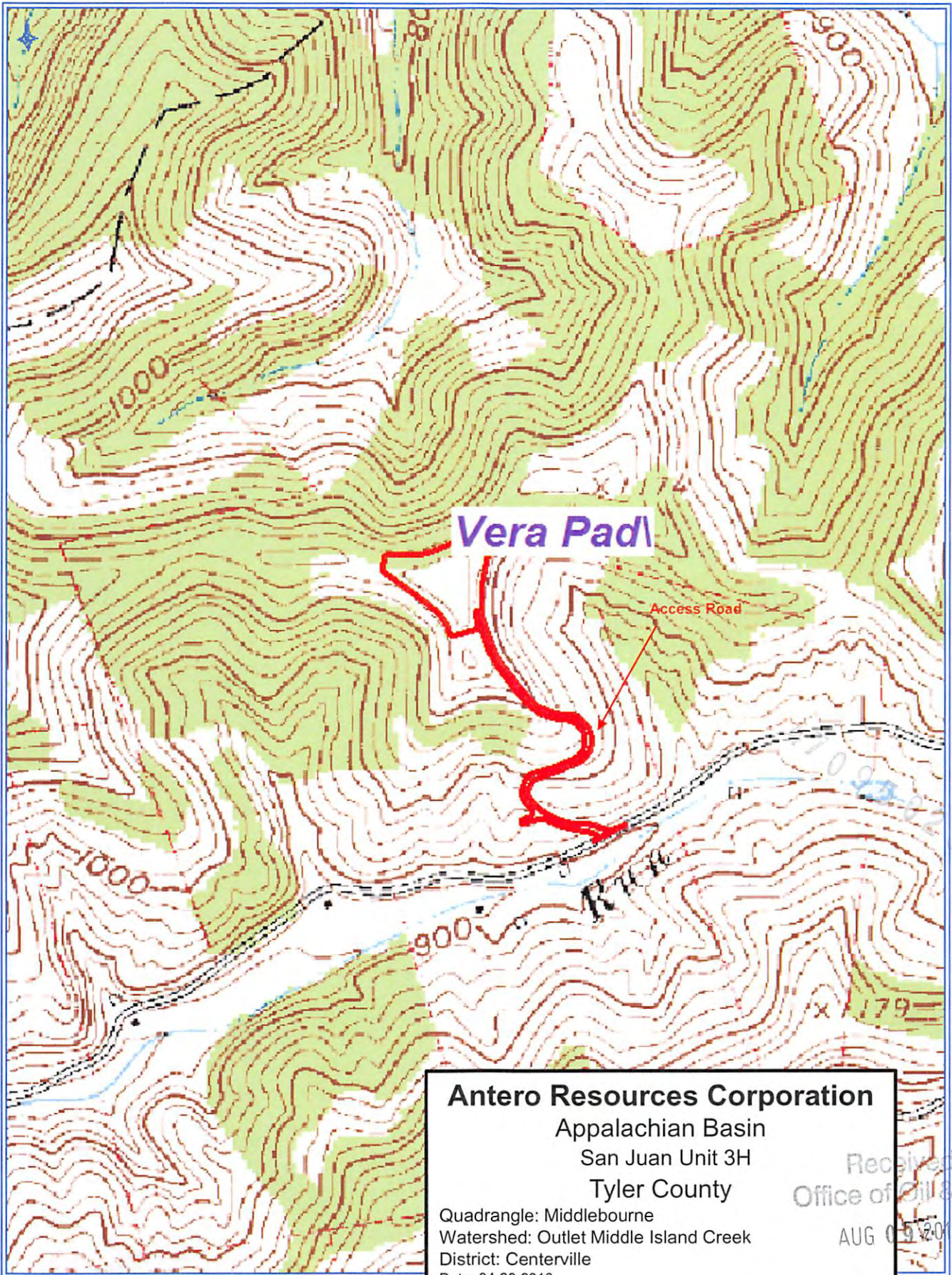
- NOT TO SCALE
MYSIS UNIT 1H
MYSIS UNIT 2H
MYSIS UNIT 3H
ANT UNIT 1H
ANT UNIT 2H
ANT UNIT 3H
SAN JUAN UNIT 1H
SAN JUAN UNIT 2H
SAN JUAN UNIT 3H
EMERGER UNIT 1H
EMERGER UNIT 2H
EMERGER UNIT 3H
EMERGER UNIT 4H

JOB # 16-042WA
DRAWING # SAN JUAN3HR
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 07/14/16
OPERATOR'S WELL# SAN JUAN UNIT #3H

WELL NO. 3H
NORMAN H. THOMAS ET UX LEASE
D.B. 39 PG. 17 T.J.L. 7 PAR. 02.1 51.11 AC.±

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 02382 HGA
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION 1,168' - ORIGINAL 1,145' - PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK
QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT CENTERVILLE COUNTY TYLER
SURFACE OWNER VERA O. THOMAS ACREAGE 51.11 ACRES +/-
OIL & GAS ROYALTY OWNER NORMAN H. THOMAS ET UX; PATRICIA A. RACER; CATHY JO ASH; MELVIN WILEY ET UX; LARRY D. LEASE ACREAGE 125 AC.±; 36.59 AC.±; 30 AC.±; 378 AC.±; 63 AC.±;
MCMULLEN; RAY E. ADKINS ET UX; CATHY J. ASH; LARRY D. MCMULLEN; JOHNSTON R. CROMER; REGINA BUCK; MIDDLEBOURNE CHURCH OF CHRIST 100 AC.±; 137.36 AC.±; 118.14 AC.±; 32.2 AC.±; 34.5 AC.±; 118.75 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
(TARGET FORMATION) MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 16,800' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DJANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313



Vera Pad

Access Road

Antero Resources Corporation

Appalachian Basin

San Juan Unit 3H

Tyler County

Quadrangle: Middlebourne

Watershed: Outlet Middle Island Creek

District: Centerville

Date: 04-20-2016

Received
Office of Oil & Gas

AUG 05 2016

10/28/2016