

LATITUDE 39°27'30"

8,192'

4,045' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°52'30"

12,082'

LONGITUDE 80°52'30"

Antero Resources Corporation Well No. Emerger Unit 2H

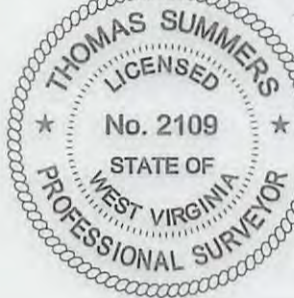
NOTE: NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

NOTES: WELL 2H TOP HOLE INFORMATION: N: 340,062ft E: 1,603,400ft LAT: 39°25'30.59" LON: 80°54'14.39" BOTTOM HOLE INFORMATION: N: 332,314ft E: 1,607,429ft LAT: 39°24'14.63" LON: 80°53'21.53" 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.

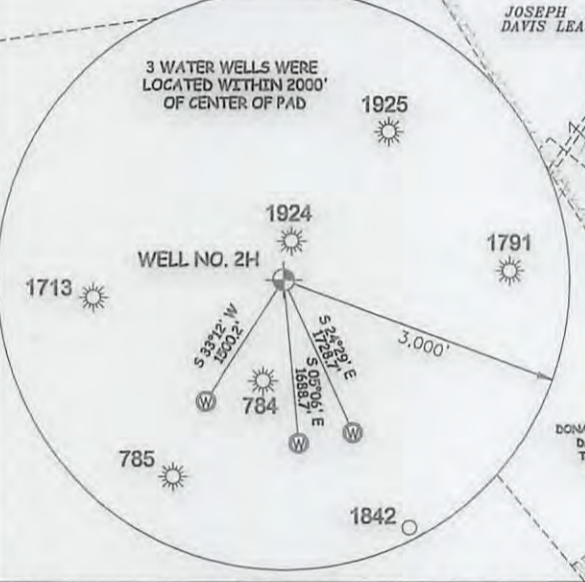
(NAD 83 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 4,363,972m E: 508,278m BOTTOM HOLE INFORMATION: N: 4,361,632m E: 509,544m

(NAD 27 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 14,316,752ft E: 1,667,527ft POINT OF ENTRY INFORMATION: N: 14,317,220ft E: 1,668,773ft BOTTOM HOLE INFORMATION: N: 14,309,074ft E: 1,671,683ft

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

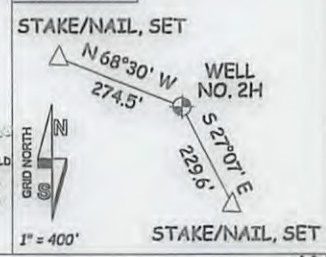
NOT TO SCALE

- MYSTIS UNIT 1H 10'
MYSTIS UNIT 2H 10'
MYSTIS UNIT 3H 10'
ANT UNIT 1H 10'
ANT UNIT 2H 10'
ANT UNIT 3H 10'
SAN JUAN UNIT 1H 10'
SAN JUAN UNIT 2H 10'
SAN JUAN UNIT 3H 10'
SAN JUAN UNIT 4H 10'
EMERGER UNIT 1H 10'
EMERGER UNIT 2H 10'
EMERGER UNIT 3H 10'
EMERGER UNIT 4H 10'

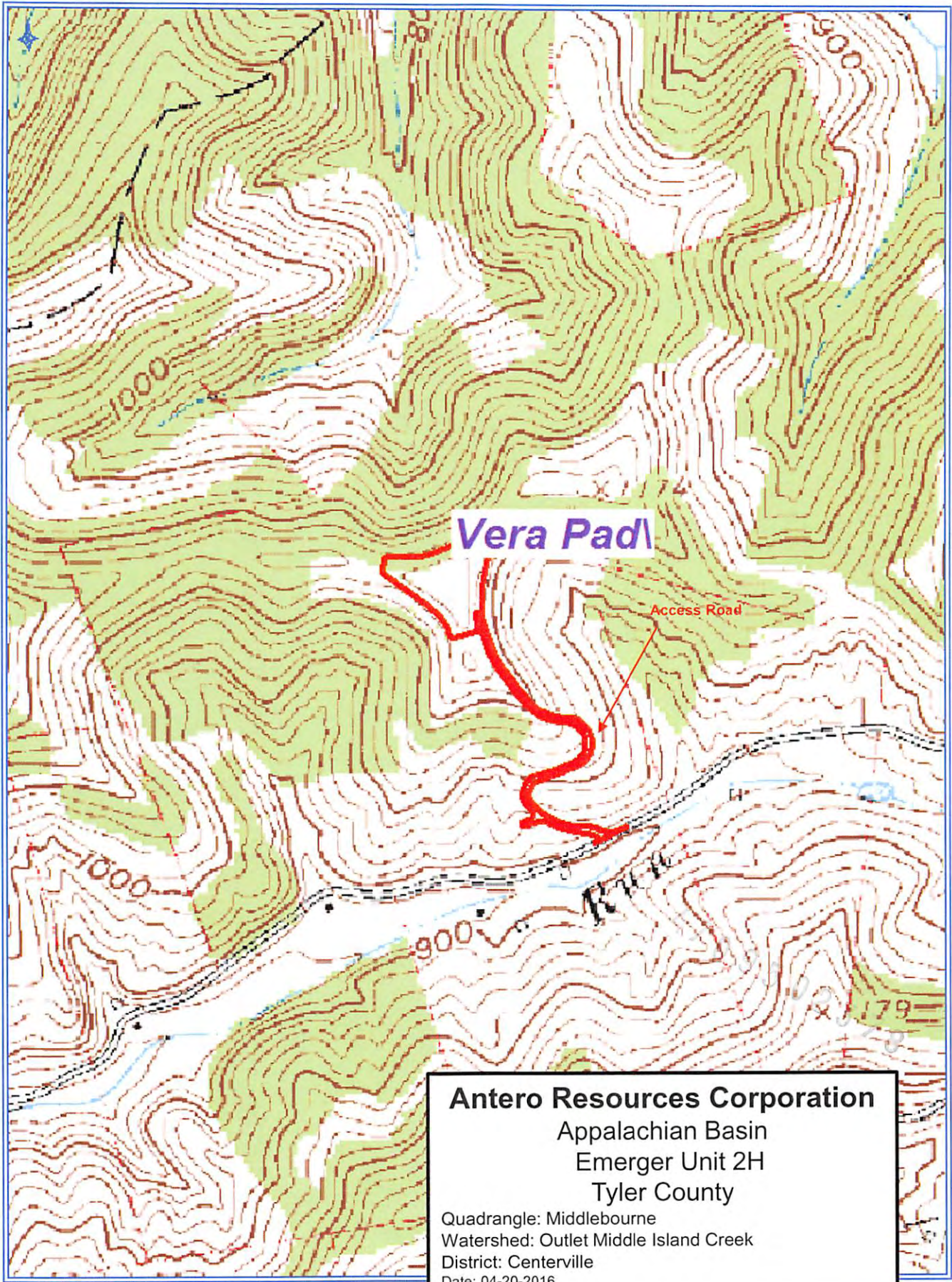
JOB # 16-020WA
DRAWING # EMERGER2H
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND
Surface Owner Boundary Lines +/-
Interior Surface Tracts +/-
Existing Fence
Found monument, as noted
THOMAS SUMMERS P.S. 2109
DATE 07/20/16
OPERATOR'S WELL# EMERGER UNIT #2H

REFERENCES



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 02378
(If "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION 1,168' - ORIGINAL 1,145' - PROPOSED WATERSHED OUTLET MIDDLE ISLAND CREEK 10/28/2016
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 J. ASH; LEASE ACREAGE 125 AC.±; 36.59 AC.±; 30 AC.±;
PEGGY E. WINCE; MELVIN WILEY ET UX; MICHAEL D. THOMAS ET UX; JOSEPH R. DAVIS; BRC APPALACHIA MINERALS I LLC; CARL W. ASH 74.71 AC.±; 553.16 AC.±; 48.13 AC.±; 73.83 AC.±; 79.74 AC.±; 392.8 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 16,100' 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



Vera Pad

Access Road

**Antero Resources Corporation**  
Appalachian Basin  
Emerger Unit 2H  
Tyler County  
Quadrangle: Middlebourne  
Watershed: Outlet Middle Island Creek  
District: Centerville  
Date: 04-20-2016