

LATITUDE 39°27'30"

8,208'

LATITUDE 39°27'30"

10,436' TO BOTTOM HOLE

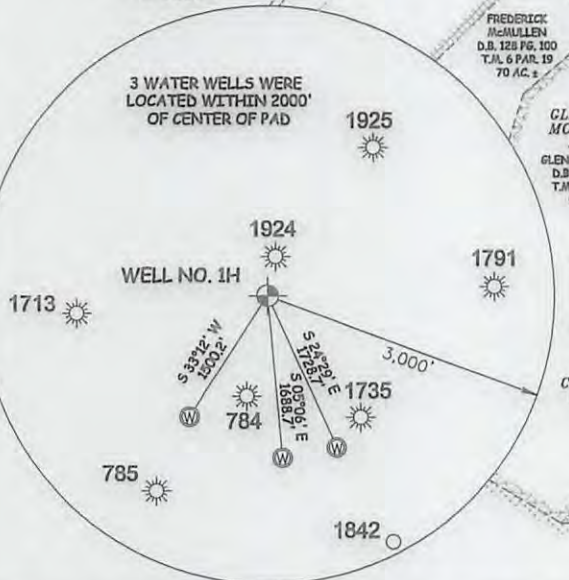
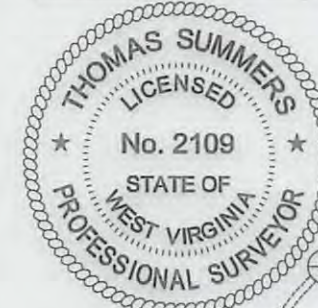
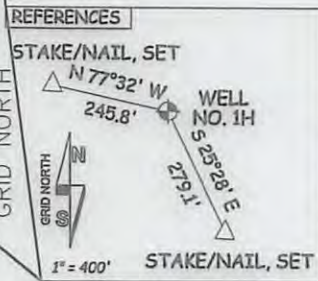
LONGITUDE 80°52'30"

12,035'

LONGITUDE 80°52'30"

Antero Resources Corporation Well No. San Juan Unit 1H

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 1H TOP HOLE INFORMATION:
N: 340,110ft E: 1,603,385ft
LAT: 39°25'31.06" LON: 80°54'14.60"
BOTTOM HOLE INFORMATION:
N: 348,343ft E: 1,601,282ft
LAT: 39°26'52.10" LON: 80°54'43.04"
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: 4,363,987m E: 508,273m
BOTTOM HOLE INFORMATION:
N: 4,366,484m E: 507,590m

(NAD 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,316,799ft E: 1,667,511ft
POINT OF ENTRY INFORMATION:
N: 14,317,167ft E: 1,668,091ft
BOTTOM HOLE INFORMATION:
N: 14,324,993ft E: 1,665,272ft

PAD LAYOUT	
NOT TO SCALE	
MYSIS UNIT 1H	10'
MYSIS UNIT 2H	10'
MYSIS 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'

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.

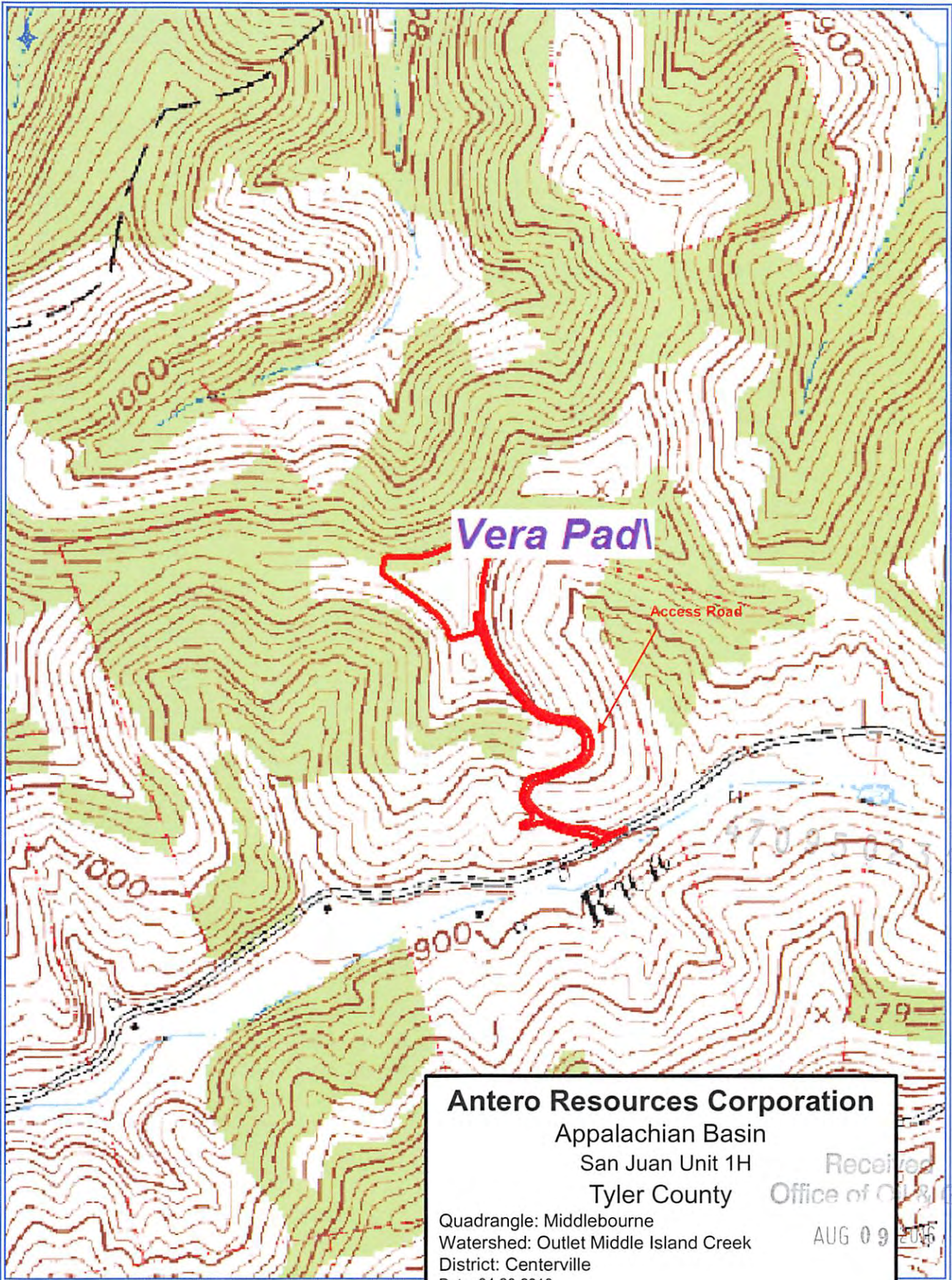


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 16-042WA
DRAWING # SAN JUAN1H
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
THOMAS SUMMERS P.S. 2109
DATE 07/14/16
OPERATOR'S WELL# SAN JUAN UNIT #1H

WELL TYPE: OIL	GAS <input checked="" type="checkbox"/>	LIQUID INJECTION	WASTE DISPOSAL	47	095	-02380 H6A
(IF "GAS") PRODUCTION	<input checked="" type="checkbox"/>	STORAGE	DEEP	SHALLOW <input checked="" type="checkbox"/>	STATE	COUNTY
LOCATION: ELEVATION	1,168' - ORIGINAL	1,145' - PROPOSED	WATERSHED	OUTLET MIDDLE ISLAND CREEK		
QUADRANGLE	MIDDLEBOURNE 7.5'		DISTRICT	CENTERVILLE	COUNTY	10/28/2016
SURFACE OWNER	VERA O. THOMAS			ACREAGE	51.11 ACRES +/-	
OIL & GAS ROYALTY OWNER	NORMAN H. THOMAS ET UX; PATRICIA A. RACER; CATHY JO ASH ET UX;			LEASE ACREAGE	125 AC±; 36.59 AC±; 137.36 AC±;	
	KATHLEEN L. LOUGH; LARRY D. MCMULLEN; CHARLES O. CONAWAY; GLENNA R. MCMULLEN; THOMAS ADKINS ET UX;				24.85 AC±; 118.14 AC±; 77.66 AC±; 0.98 AC±; 8.69 AC±;	
	RALPH HALL; PATSY J. FLETCHER; MIDDLEBOURNE CHURCH OF CHRIST				41 AC±; 69 AC±; 118.75 AC±	
PROPOSED WORK: DRILL	<input checked="" type="checkbox"/>	CONVERT	DRILL DEEPER	REDRILL	FRACTURE OR STIMULATE	<input checked="" type="checkbox"/>
PLUG OFF OLD FORMATION		PERFORATE NEW FORMATION	<input checked="" type="checkbox"/>	OTHER PHYSICAL CHANGE IN WELL (SPECIFY)	PLUG & ABANDON	CLEAN OUT & REPLUG
TARGET FORMATION	MARCELLUS			ESTIMATED DEPTH	6,800' TVD 15,700' 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	



Antero Resources Corporation
Appalachian Basin
San Juan Unit 1H
Tyler County

Quadrangle: Middlebourne
Watershed: Outlet Middle Island Creek
District: Centerville
Date: 04-20-2016

Received
Office of Oil & Gas
AUG 09 2016