

LATITUDE 39°27'30"

8,208'

10,493' TO BOTTOM HOLE

LATITUDE 39°27'30"

LONGITUDE 80°52'30"

12034'

LONGITUDE 80°52'30"

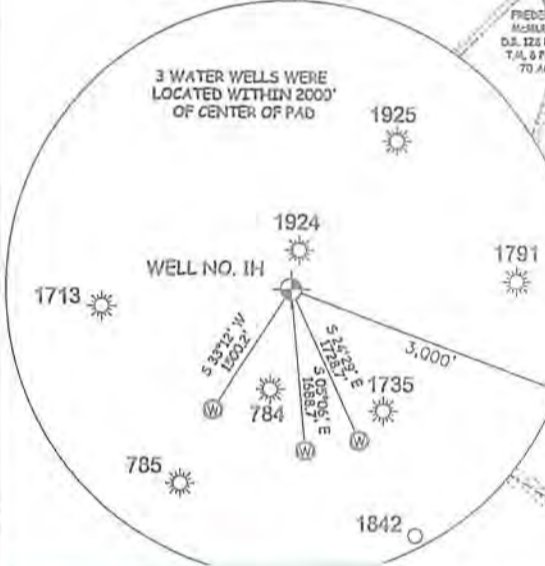
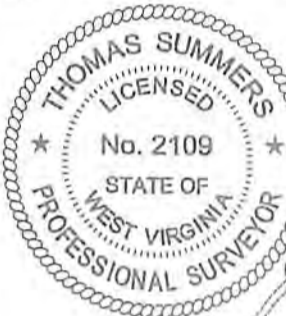
Antero Resources Corporation
Well No. San Juan Unit 1H

NOTE
1. 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.
2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC.
3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

AS DRILLED DATA:
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: 348,443ft E: 1,601,227ft
LAT: 39°26'53.07" LON: 80°54'43.77"
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: 4,366,514m E: 507,573m

WV NORTH ZONE
GRID NORTH



San Juan Units

THIS PLAT IS CORRECT AND SHOWS ALL THE LESSES AND INSTRUMENTAL PROTECTION.

VIRGINIA, DIVISION
INSTRUMENTAL PROTECTION,
OIL AND GAS

ANTERO RESOURCES CORPORATION
SURVEYING PLLC
VERA, PENNSBORO
WEST VIRGINIA 26415

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'
EMERGENCY UNIT 1H	10'
EMERGENCY UNIT 2H	10'
EMERGENCY UNIT 3H	10'
EMERGENCY UNIT 4H	10'

LEGEND
----- Surface Owner Boundary Lines +/-
----- Interior Surface Tracts +/-
--- Proposed Well Path
--- As Drilled Well Path

THOMAS SUMMERS P.S. 2109
DATE 10/12/18
OPERATOR'S WELL# SAN JUAN UNIT #1H

JOB # 16-042WA
DRAWING # SAN JUAN 1HAD
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
WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 02380
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION 1,148.1' AS BUILT 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 ET UX; LEASE ACREAGE 125 AC +/- 38.59 AC +/- 137.36 AC +/-
KATHLEEN L. LOUGH; LARRY D. MCMULLEN; CHARLES O. CONAWAY; GLENNA R. MCMULLEN; THOMAS ADKINS ET UX; 24.65 AC +/-; 118.14 AC +/-; 77.66 AC +/-; 0.95 AC +/-; 8.69 AC +/-
RALPH HALL; PATSY J. FLETCHER; MIDDLEBOURNE CHURCH OF CHRIST 41 AC +/-; 69 AC +/-; 118.75 AC +/-
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,548' TVD 15,278' 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

