

LATITUDE 39°27'30"

8,278'

11.027' TO BOTTOM HOLE

LATITUDE 39°27'30"

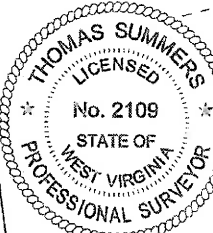
LONGITUDE 80°50'00"

1.742' TO BOTTOM HOLE

9.592'

LONGITUDE 80°50'00"

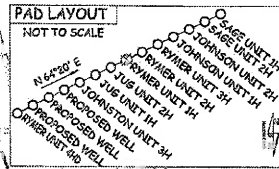
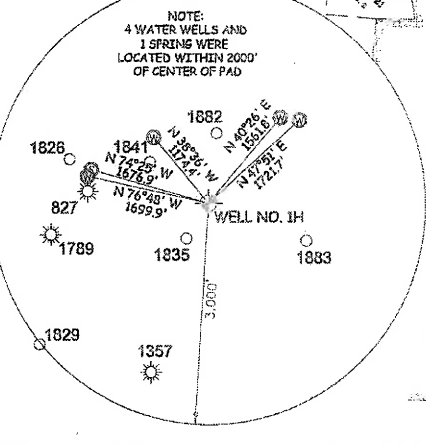
Antero Resources Corporation
Well No. Rymer Unit 1H
47-095-02269



AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
N: 342,368ft E: 1,615,111ft
LAT: 39°29'55.15" LON: 80°51'45.62"
BOTTOM HOLE INFORMATION:
N: 350,263ft E: 1,612,488ft
LAT: 39°27'12.79" LON: 80°52'20.58"
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: 4,364,734m E: 511,834m
BOTTOM HOLE INFORMATION:
N: 4,367,126m E: 510,994m

- 1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHEEP BARNY CRITIC 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. WALS 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 RECORDS.
- 5. WALS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WITH THIS DATA AND INFORMATION THAT HAS BEEN PROVIDED.



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 # 13-104WA
DRAWING # RYMER1HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

THOMAS SUMMERS P.S. 2109
DATE 09/28/17
OPERATOR'S WELL # RYMER UNIT 1H

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____ 47 - 095 - 02269
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW STATE COUNTY PERMIT
 LOCATION: ELEVATION 1,017' AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK
 QUADRANGLE SHIRLEY 7.5' DISTRICT CENTERVILLE COUNTY TYLER
 SURFACE OWNER RAYMOND UNDERWOOD ACREAGE 23 ACRES +/-
 OIL & GAS ROYALTY OWNER RAYMOND V. UNDERWOOD ET UX; ROBERT L. BROWN ET UX; LEASE ACREAGE 96 ACRES +/-; 97.75 ACRES +/-
 CATHY JO ASH ET AL; JOHN ROBERT SPENCE ET UX; MARK DOUGLAS FLETCHER 315.25 AC +/-; 21 ACRES +/-; 85 ACRES +/-
 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 6,475' TVD 14,875' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313