

LATITUDE 39°25'00" 8,684' 3,201'

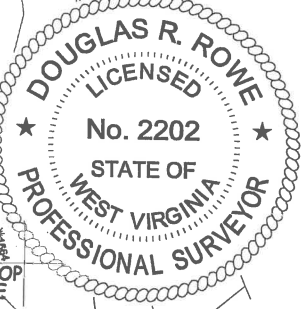
LATITUDE 39°27'30"

Antero Resources Corporation  
Well No. Rapids Unit 2H

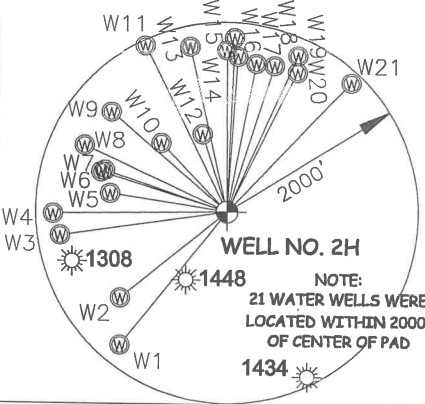
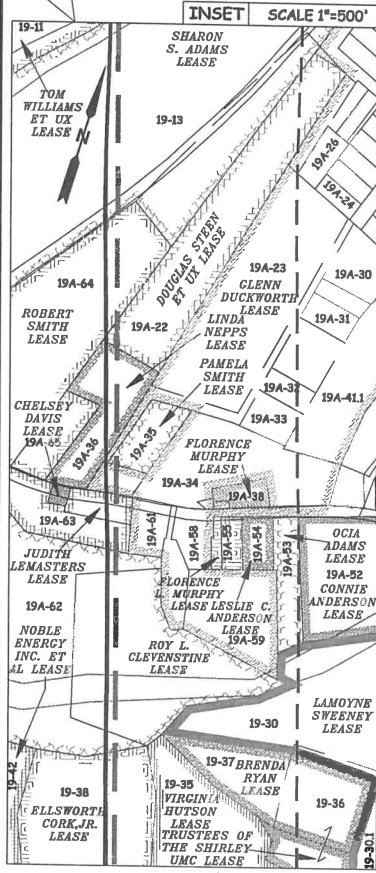
(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 2H TOP HOLE INFORMATION:  
N: 14,305,294ft E: 1,707,847ft  
POINT OF ENTRY INFORMATION:  
N: 14,304,503ft E: 1,706,839ft  
BOTTOM HOLE INFORMATION:  
N: 14,318,188ft E: 1,702,330ft

AS DRILLED DATA:  
WELL 2H TOP HOLE INFORMATION:  
N: 327,929ft E: 1,643,538ft  
LAT: 39°23'36.56" LON: 80°45'40.77"  
BOTTOM HOLE INFORMATION:  
N: 340,918ft E: 1,638,234ft  
LAT: 39°25'44.18" LON: 80°46'50.68"  
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: 4,360,480m E: 520,567m  
BOTTOM HOLE INFORMATION:  
N: 4,364,410m E: 518,886m



16-01	DONALD VAN DINE
16-02	MICHAEL SLOSS
16-07	ROBERT KOCHER
16-7.1	DONALD MOORE
16-08	JUNE GRIFFIN
16-09	JAMIE STRAIGHT
16-16	ROUDDENHOLDER III
16-16.1	CHARLES KIMBALL
16-17	CHARLES STRAIGHT
16-18	ALBERT BEBEE
19-10	JUDITH MALLOY
19-11	ISAAC WILLIAMS
19-12	ORPHA WILLIAMS
19-13	BRENDA CUNNINGHAM
19-13.1	GARY ORR
19-13.2	ROBERT SMITH
19-13.3	SHIRLEY VOL FIRE DEPT., INC.
19-27	HARVEY BURNS
19-29	JOHN SHEPHERD
19-30	JOHN SHEPHERD
19-31	JOHN SHEPHERD
19-32	GARY WRIGHT
19-32.1	GARY WRIGHT
19-32.2	GARY WRIGHT
19-33	GARY WRIGHT
19-34	GARY WRIGHT
19-35	GARY WRIGHT
19-36	SHIRLEY CEMETERY
19-37	SHIRLEY E U B CHURCH
19-38	ELLSWORTH CORK
19-42	ANN BURROLA
19-53	JAY JEFFERS
19-55	HEATH HOWELL
19-57	WILLIAM BALL
19-63	JACQUELINE WICHMAN TRUST
19-63.1	JACQUELINE WICHMAN TRUST
19A-22	BETHEL YEATER
19A-23	SAMUEL PRATT
19A-24	DANIEL MCINTYRE
19A-26	DANIEL MCINTYRE
19A-30	RACHEL PATTERSON
19A-31	BRUCE PRATT
19A-32	WILMA SMITH
19A-33	SAMUEL PRATT
19A-34	STACEY COLLINS
19A-35	PAMELA SMITH
19A-36	BETHEL YEATER
19A-37	ANN BURROLA
19A-38	FLORENCE MURPHY
19A-41.1	BRUCE PRATT
19A-52	CONNIE ANDERSON
19A-52.1	CONNIE ANDERSON
19A-53	OCIA ADAMS
19A-54	LESLIE ANDERSON
19A-55	FLORENCE MURPHY
19A-58	ANN BURROLA
19A-59	LESLIE ANDERSON
19A-61	ANTERO RESOURCES CORP.
19A-62	ROY CLEVENSTINE
19A-63	JUDITH LEMASTERS
19A-64	ROBERT SMITH
19A-65	DORSEY ASH



LINE	BEARING	DIST.
W1	S 38°38' W	1787.8'
W2	S 50°59' W	1435.2'
W3	S 81°39' W	1764.3'
W4	S 89°00' W	1819.7'
W5	N 81°26' W	1237.3'
W6	N 72°47' W	1377.6'
W7	N 71°34' W	1346.1'
W8	N 65°17' W	1640.8'
W9	N 49°29' W	1592.4'
W10	N 43°57' W	993.0'
W11	N 26°12' W	1944.0'
W12	N 17°41' W	851.8'
W13	N 12°43' W	1781.2'
W14	N 00°13' W	1701.9'
W15	N 02°18' E	1838.5'
W16	N 03°44' E	1639.4'
W17	N 10°47' E	1592.5'
W18	N 17°35' E	1618.9'
W19	N 24°01' E	1806.6'
W20	N 26°22' E	1642.9'
W21	N 43°22' E	1882.5'

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 ANTERO RESOURCES CORPORATION.  
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.

JOB # 18-003WA  
DRAWING # RAPIDS2HAD  
SCALE 1" = 2000'  
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

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

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

DOUGLAS R. ROWE P.S. 2202  
DATE 02/24/22  
OPERATOR'S WELL # RAPIDS UNIT #2H

WELL TYPE: OIL GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_ 47 \_\_\_\_\_ 095 \_\_\_\_\_ 02738  
(IF "GAS") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW  STATE COUNTY PERMIT

LOCATION: ELEVATION 935' - ASBUILT \_\_\_\_\_ WATERSHED McELROY CREEK \_\_\_\_\_  
QUADRANGLE SHIRLEY 7.5' \_\_\_\_\_ DISTRICT McELROY \_\_\_\_\_ COUNTY TYLER \_\_\_\_\_

SURFACE OWNER JOHN SHEPHERD \_\_\_\_\_ ACREAGE 31.75 ACRES +/-  
OIL & GAS ROYALTY OWNER LAMOYNE SWEENEY; EDGAR B. HARTLEY; ANNA SWEENEY; VIRGINIA HUTSON; ELLSWORTH CORK, JR.; ROY L. CLEVENSTINE; LEASE ACREAGE 72.28 AC±; 16 AC±; 3.08 AC±; 15.12 AC±; 4 AC±; 6.63 AC±;  
JUDITH LEMASTERS; GLENN DUCKWORTH; LINDA NEPPS; DOUGLAS STEEN ET UX; ROBERT SMITH; SHARON S. ADAMS; TOM WILLIAMS ET UX; JAMES MALLOY ET UX; 1 AC±; 29.92 AC±; 1 AC±; 3 AC±; 7.15 AC±; 13.975 AC±; 40 AC±; 90.1 AC±;  
REBECCA WILLIAMS; ROSEMARY HAUGHT; HENRY M. WALLACE ET UX; JIMMY J. GRIFFIN ET UX; BOUNTY MINERALS, LLC; JAMES A. GROVE; BRC APPALACHIAN I, LLC 210 AC±; 98.5 AC±; 219.39 AC±; 236 AC±; 502.8 AC±; 120 AC±; 70 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 6,649' TVD 21,578' MD  
WELL OPERATOR ANTERO RESOURCES CORP. \_\_\_\_\_ DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
ADDRESS 1615 WYNKOOP ST. \_\_\_\_\_ ADDRESS 5400 D BIG TYLER ROAD  
FORM WW-6 DENVER, CO 80202 \_\_\_\_\_ CHARLESTON, WV 25313

COUNTY NAME PERMIT