

LATITUDE 39°25'00" 3,201'

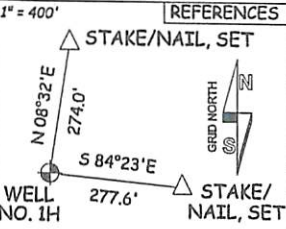
LATITUDE 39°27'30" 9,899'

8,457'

LONGITUDE 80°45'00"

LONGITUDE 80°45'00"

Antero Resources Corporation
Well No. Rapids Unit 1H



RECEIVED
Office of Oil and Gas
JUL 29 2021
WV Department of
Environmental Protection

- 11-25 BEVERLY GUYNN
11-25.1 PHILLIP HEADLEY
11-25.2 DALE DUGAN II
11-25.12 JAMES YEATER
11-46 ALVA SPENCER
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
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19-53.4 LARRY MARABLE
19-53.5 JUSTINE GILE
19-63 JACQUELINE WICHMAN TRUST
19-63.1 JACQUELINE WICHMAN TRUST
19A-62 ROY L. CLEVENSTINE

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 327,914ft E: 1,643,537ft
LAT: 39°23'36.41" LON: 80°45'40.78"
BOTTOM HOLE INFORMATION:
N: 341,935ft E: 1,637,033ft
LAT: 39°25'54.07" LON: 80°47'06.17"
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: 4,360,476m E: 520,567m
BOTTOM HOLE INFORMATION:
N: 4,364,714m E: 518,514m

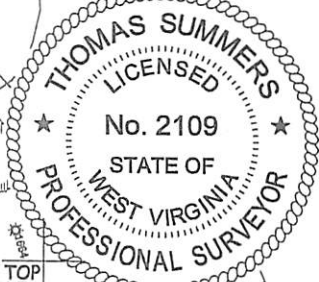


Table with 3 columns: LINE, BEARING, DIST. Lists well locations W1 through W21 with their respective bearings and distances from the well center.

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.

(NAD) 27 (UTM) ZONE 17 COORDS:
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POINT OF ENTRY INFORMATION:
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BOTTOM HOLE INFORMATION:
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JOB # 18-003WA
DRAWING # RAPIDS1H
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 +/-
Existing Fence
Found monument, as noted
THOMAS SUMMERS P.S. 2109
DATE 05/17/21
OPERATOR'S WELL# RAPIDS UNIT #1H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
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; BAYARD SWEENEY, JR. ET AL; ERMA MABEL PITTS; JAMES JEFFERS ET UX; NOBLE ENERGY INC. ET AL; ROBERT SMITH; GLEN DUCKWORTH, JR.; SHANNON S. ADAMS; TOM WILLIAMS ET UX; JAMES MALLOY ET UX; REBECCA WILLIAMS; ROSEMARY HAUGHT; HENRY M. WALLACE ET UX; JIMMY J. GRIFFIN ET UX; BOUNTY MINERALS, LLC; BRC APPALACHIAN I, LLC; TROY SPENCER UNDERWOOD
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
(TARGET) PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,100' TVD 21,000' 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

08/06/2021

COUNTY NAME PERMIT

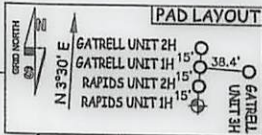
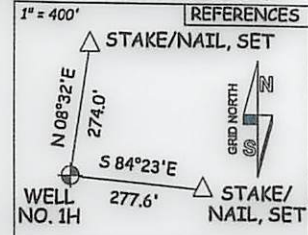
LATITUDE 39°25'00"

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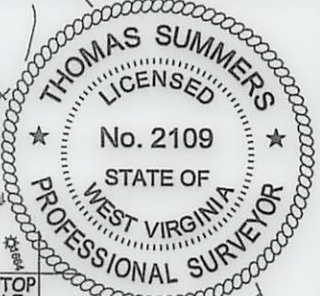
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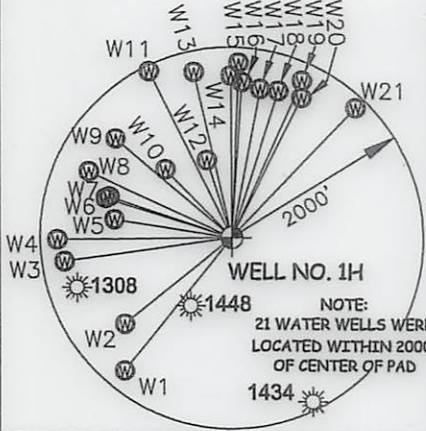
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LINE	BEARING	DIST.
W1	S 38°38' W	1787.8'
W2	S 50°09' W	1435.2'
W3	S 81°39' W	1764.3'
W4	S 89°00' W	1819.7'
W5	N 81°26' W	1237.3'
W6	N 72°47' W	1377.6'
W7	N 71°34' W	1346.1'
W8	N 65°17' W	1640.8'
W9	N 49°29' W	1592.4'
W10	N 43°57' W	993.0'
W11	N 26°12' 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'

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--- Interior Surface Tracts +/-
X Existing Fence
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SURFACE OWNER JOHN SHEPHERD ACREAGE 31.75 ACRES +/-
OIL & GAS ROYALTY OWNER LAMOYNE SWEENEY; EDGAR B. HARTLEY; BAYARD SWEENEY JR. ET AL; ERMA MABEL PITTS; JAMES JEFFERS ET UX; LEASE ACREAGE 72.28 AC±; 16 AC±; 55AC±; 74 AC±; 83 AC±;
NOBLE ENERGY INC. ET AL; ROBERT SMITH; GLEN DUCKWORTH, JR.; SHANNON S. ADAMS; TOM WILLIAMS ET UX; JAMES MALLOY ET UX; REBECCA WILLIAMS; 55 AC±; 7.15 AC±; 8.825 AC±; 13.975 AC±; 40 AC±; 90.1 AC±; 210 AC±;
ROSEMARY HAUGHT; HENRY M. WALLACE ET UX; JIMMY J. GRIFFIN ET UX; BOUNTY MINERALS, LLC; BRC APPALACHIAN I, LLC; TROY SPENCER UNDERWOOD 98.5 AC±; 219.39 AC±; 236 AC±; 502.8 AC±; 70AC±; 257 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
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