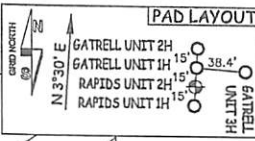
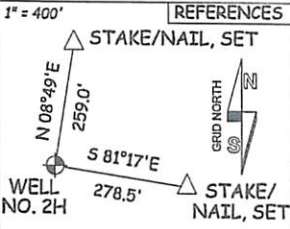


LATITUDE 39°25'00" 3,201'

LATITUDE 39°27'30" 8,724'

8,442' LONGITUDE 80°45'00" 10,583' LONGITUDE 80°45'00"

Antero Resources Corporation Well No. Rapids Unit 2H

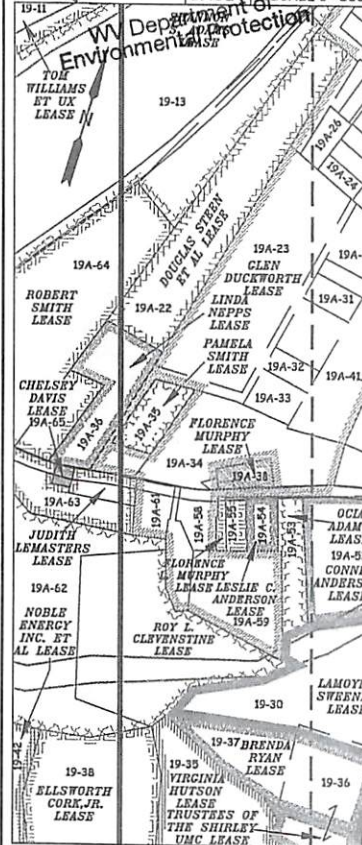


NOTES: WELL 2H TOP HOLE INFORMATION: N: 327,929ft E: 1,643,538ft... BOTTOM HOLE INFORMATION: N: 341,041ft E: 1,638,196ft... (NAD) 83 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 4,360,480m E: 520,567m...

WV NORTH ZONE GRID NORTH

RECEIVED Office of Oil and Gas JUL 29 2021

INSET SCALE 1"=500'



- 16-01 DONALD VAN DINE
16-02 MICHAEL SLOSS
16-07 ROBERT KOCHER
16-71 DONALD MOORE
16-08 JUNE GRIFFIN
16-09 JAMIE STRAIGHT
16-16 ROUDINHOLDER III
16-16.1 CHARLES KIMBALL
16-17 CHARLES STRAIGHT
16-18 ALBER 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
19-22 BETHEL YEATER
19-23 SAMUEL PRATT
19-24 DANIEL MCINTYRE
19-26 DANIEL MCINTYRE
19-30 RACHEAL PATTERSON
19-31 BRUCE PRATT
19-32 WILMA SMITH
19-33 SAMUEL PRATT
19-34 STACEY COLLINS
19-35 PAMELA SMITH
19-36 BETHEL YEATER
19-37 ANN BURROLA
19-38 FLORENCE MURPHY
19-41.1 BRUCE PRATT
19-52 CONNIE ANDERSON
19-52.1 CONNIE ANDERSON
19-53 OCIA ADAMS
19-54 LESLIE ANDERSON
19-55 FLORENCE MURPHY
19-58 ANN BURROLA
19-59 LESLIE ANDERSON
19-61 ANTERO RESOURCES CORP.
19-62 ROY L CLEVENSTINE
19-63 JUDITH LEMASTERS
19-64 ROBERT SMITH
19-65 DORSEY ASH

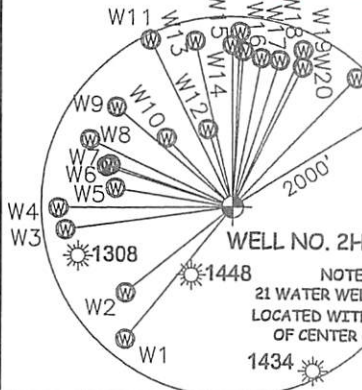
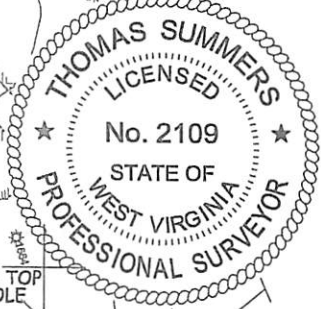


Table with columns: LINE, BEARING, DIST. (W1 to W21)

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...

JOB # 18-003WA DRAWING # RAPIDS2H 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 WILLLOW 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 #2H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 -02738 MOD (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; 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; GLEN DUCKWORTH; LINDA NEPPS; DOUGLAS STEEN ET AL; ROBERT SMITH; SHANNON 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 X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X (SPECIFY) PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,100' TVD 24,000' 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 ADDRESS CHARLESTON, WV 25313



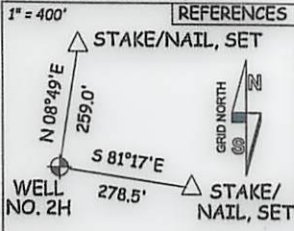
08/06/2021

COUNTY NAME PERMIT

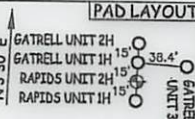
LATITUDE 39°25'00" 8,724' 3,201'

LATITUDE 39°27'30"

Antero Resources Corporation
Well No. Rapids Unit 2H



PAD LAYOUT

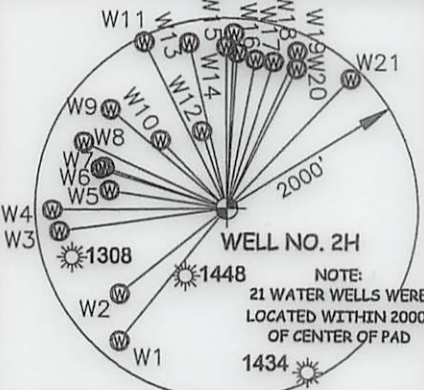
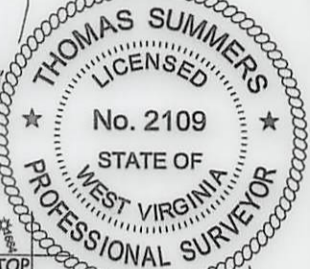
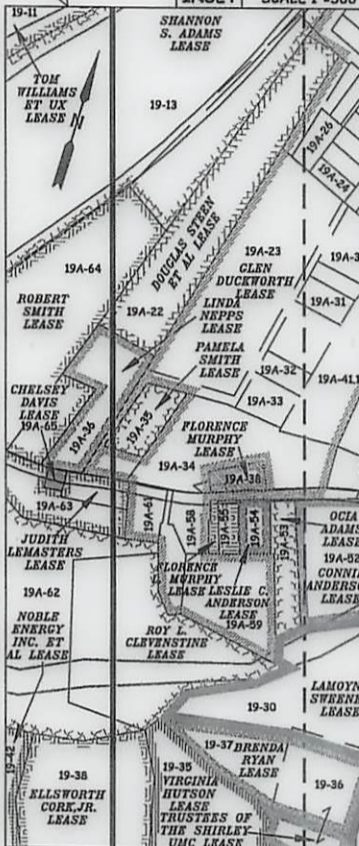


NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 327,929ft E: 1,643,538ft
LAT: 39°23'36.56" LON: 80°45'40.77"
BOTTOM HOLE INFORMATION:
N: 341,041ft E: 1,638,196ft
LAT: 39°25'45.40" LON: 80°46'51.18"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.
ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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: 4,364,448m E: 518,873m

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
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19-31	JOHN SHEPHERD
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19-32.1	GARY WRIGHT
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19-36	SHIRLEY CEMETERY
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19-25	DANIEL MCINTYRE
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19-52.1	CONNIE ANDERSON
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19-54	LESLIE ANDERSON
19-55	FLORENCE MURPHY
19-56	ANN BURROLA
19-59	LESLIE ANDERSON
19-61	ANTERO RESOURCES CORP.
19-62	ROY CLEVENSTINE
19-63	JUDITH LEMASTERS
19-64	ROBERT SMITH
19-65	DORSEY ASH

INSET SCALE 1"=500'



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:
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:
WELL 2H TOP HOLE INFORMATION:
N: 14,305,294ft E: 1,707,847ft
POINT OF ENTRY INFORMATION:
N: 14,304,457ft E: 1,706,856ft
BOTTOM HOLE INFORMATION:
N: 14,318,311ft E: 1,702,290ft

JOB # 18-003WA
DRAWING # RAPIDS2H
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 +/-
X Existing Fence
⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109
DATE 05/17/21
OPERATOR'S WELL# RAPIDS UNIT #2H

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
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; GLEN DUCKWORTH; LINDA NEPPS; DOUGLAS STEEN ET AL.; ROBERT SMITH; SHANNON 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) ___ PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,100' TVD 24,000' 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 ADDRESS CHARLESTON, WV 25313

08/06/2021

8,442' 10,583' LONGITUDE 80°45'00" LONGITUDE 80°45'00"