

LATITUDE 39°25'00" 3,199'

LATITUDE 39°27'30" 5,924'

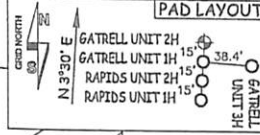
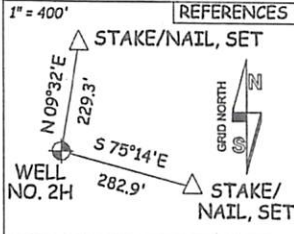
8,412'

13,721'

LONGITUDE 80°45'00"

LONGITUDE 80°45'00"

Antero Resources Corporation
Well No. Gatrell Unit 2H



NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 327,959ft E: 1,643,539ft
LAT: 39°23'36.86" LON: 80°45'40.75"
BOTTOM HOLE INFORMATION:
N: 337,864ft E: 1,640,953ft
LAT: 39°25'14.39" LON: 80°46'15.48"
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: 4,360,489m E: 520,568m
BOTTOM HOLE INFORMATION:
N: 4,363,494m E: 519,729m

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

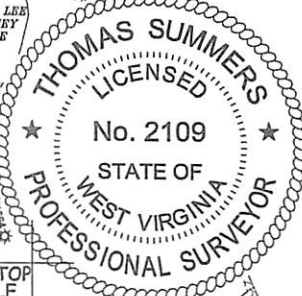
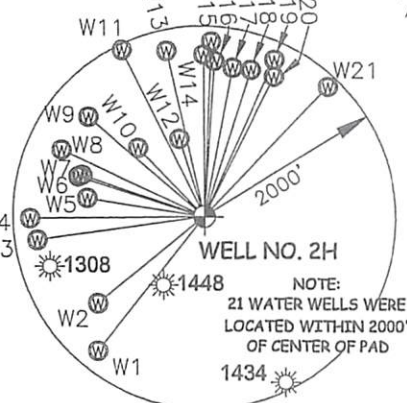


Table listing leaseholders and well numbers:

16-3	KES Investments 2 LLC
16-4	KES Investments 2 LLC
16-8	June Griffin
16-9	Jamie Straight
16-10	Mike Ross Inc.
16-11	Charles Straight
16-14	John Merritt
16-15	Ken Der Jr.
16-15.1	Ken Der Jr.
16-16	Harry Vannoy
19-15	Sharon George
19-16	Teresa Weekley
19-16.1	Teresa Weekley
19-16.2	Clifton Weekley
19-16.3	Clarissa Seese
19-16.4	Perry Weekley
19-17	Darren Seese
19-27	Sandra Hopper
19-28	William Forbes
19-29	John Shepherd
19-30	John Shepherd
19-55	Haith Howell
19-58	Robert Gille
19A-16	Arthur Kester

Table with columns: LINE, BEARING, DIST.

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: 14,305,324ft E: 1,707,849ft
POINT OF ENTRY INFORMATION:
N: 14,305,488ft E: 1,708,270ft
BOTTOM HOLE INFORMATION:
N: 14,315,181ft E: 1,705,098ft

JOB # 18-003WA
DRAWING # GATRELL2H
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# GATRELL UNIT #2H

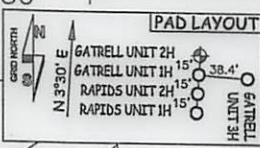
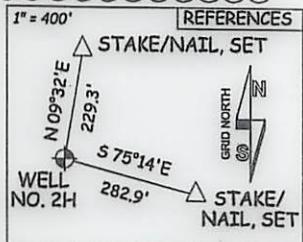
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 095 - 02740 Mo9
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION 935' - ASBUILT WATERSHED McELROY CREEK DISTRICT McELROY COUNTY TYLER 08/06/2021
SURFACE OWNER JOHN SHEPHERD ACREAGE 31.75 ACRES +/-
OIL & GAS ROYALTY OWNER LAMOYNE SWEENEY; EDGAR B. HARTLEY, HEIR OF HEATHER HARTLEY; LEASE ACREAGE 72.28 AC±; 29 AC±;
JOHN B. SHEPHERD ET UX; RANDI MICHAEL; CLARISSA REED; GLEN DUCKWORTH; ADELINE WRIGHT ET AL; 18 AC±; 320.94 AC±; 6.27 AC±; 29.92 AC±; 28 AC±;
PERRY W. DUCKWORTH; REBECCA L. WILLIAMS; RICHARD GATRELL ET UX; ROSEMARY HAUGHT 86.25 AC±; 210 AC±; 100 AC±; 98.5AC±
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
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,100' TVD 19,100' 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

LATITUDE 39°25'00" 3,199'

LATITUDE 39°27'30" 5,924'

8,412'
13,721'
LONGITUDE 80°45'00"

Antero Resources Corporation
Well No. Gatrell Unit 2H



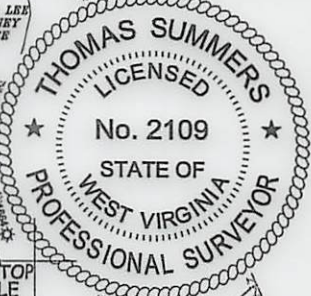
NOTES:

WELL 2H TOP HOLE INFORMATION:
N: 327,959ft E: 1,643,539ft
LAT: 39°23'36.86" LON: 80°45'40.75"

BOTTOM HOLE INFORMATION:
N: 337,864ft E: 1,640,953ft
LAT: 39°25'14.39" LON: 80°46'15.48"

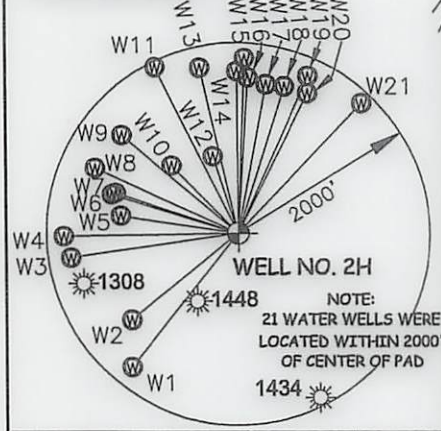
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 4,360,489m E: 520,568m
BOTTOM HOLE INFORMATION:
N: 4,363,494m E: 519,729m



WV NORTH ZONE
GRID NORTH

16-3	KES Investments 2 LLC
16-4	KES Investments 2 LLC
16-8	June Griffin
16-9	Jamie Straight
16-10	Mike Ross Inc.
16-11	Charles Straight
16-14	John Merritt
16-15	Ken Der Jr.
16-15.1	Ken Der Jr.
16-16	Harry Vannoy
19-15	Sharon George
19-16	Teresa Weekley
19-16.1	Teresa Weekley
19-16.2	Clifton Weekley
19-16.3	Clarissa Seese
19-16.4	Perry Weekley
19-17	Darren Seese
19-27	Sandra Hopper
19-28	William Forbes
19-29	John Shepherd
19-30	John Shepherd
19-55	Heith Howell
19-58	Robert Gille
19A-16	Arthur Kester



LINE	BEARING	DIST.
W1	S 38°38' W	1787.9'
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: 14,305,324ft E: 1,707,849ft
POINT OF ENTRY INFORMATION:
N: 14,305,488ft E: 1,708,270ft
BOTTOM HOLE INFORMATION:
N: 14,315,181ft E: 1,705,098ft

JOB # 18-003WA
DRAWING # GATRELL2H
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# GATRELL UNIT #2H

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 095 - 02140 MOD
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION 935' - ASBUILT WATERSHED McELROY CREEK DISTRICT McELROY COUNTY TYLER 08/06/2021
SURFACE OWNER JOHN SHEPHERD ACREAGE 31.75 ACRES +/-
OIL & GAS ROYALTY OWNER LAMOYNE SWEENEY; EDGAR B. HARTLEY, HEIR OF HEATHER HARTLEY; LEASE ACREAGE 72.28 AC±; 29 AC±;
JOHN B. SHEPHERD ET UX; RANDI MICHAEL; CLARISSA REED; GLEN DUCKWORTH; ADELINE WRIGHT ET AL: 18 AC±; 320.94 AC±; 6.27 AC±; 29.92 AC±; 28 AC±;
PERRY W. DUCKWORTH; REBECCA L. WILLIAMS; RICHARD GATRELL ET UX; ROSEMARY HAUGHT 86.25 AC±; 210 AC±; 100 AC±; 98.5AC±
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
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,100' TVD 19,100' 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