

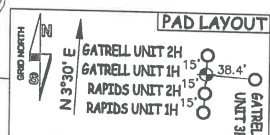
LATITUDE 39°25'00" 3,200'
7,219'

Antero Resources Corporation
Well No. Gatrell Unit 1H

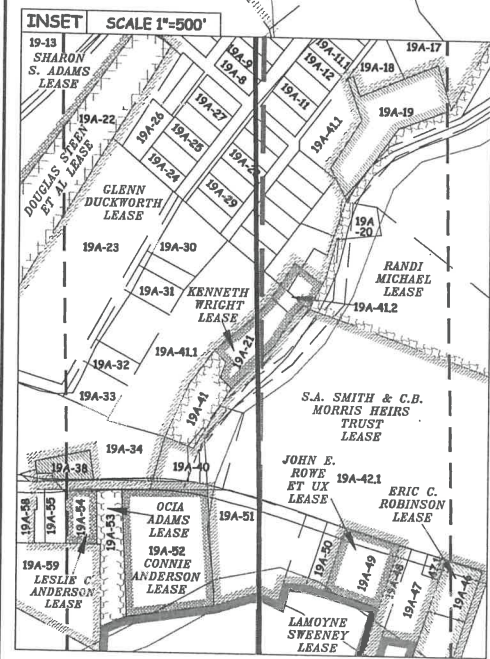
(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,305,309ft E: 1,707,848ft
POINT OF ENTRY INFORMATION:
N: 14,305,066ft E: 1,707,559ft
BOTTOM HOLE INFORMATION:
N: 14,316,428ft E: 1,703,799ft

AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
N: 327,944ft E: 1,643,539ft
LAT: 39°23'36.71" LON: 80°45'40.76"
BOTTOM HOLE INFORMATION:
N: 339,133ft E: 1,639,675ft
LAT: 39°25'26.75" LON: 80°46'32.00"
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.

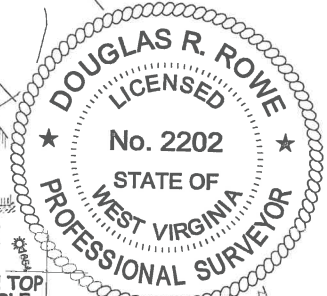
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,360,484m E: 520,568m
BOTTOM HOLE INFORMATION:
N: 4,363,874m E: 519,333m



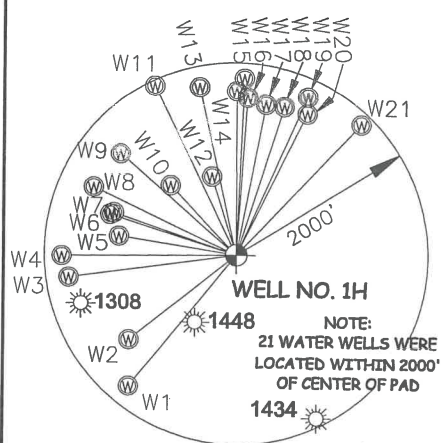
WV NORTH ZONE GRID NORTH



- 16-03 KES INVESTMENTS 4, LLC
- 16-7.1 DONALD MOORE
- 16-08 JUNE GRIFFIN
- 16-09 JAMIE STRAIGHT
- 16-10 MIKE ROSS INC.
- 16-16 ROUDDEN HOLDER III
- 16-17 CHARLES STRAIGHT
- 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
- 19-55 HEATH HOWELL
- 19A-07 MICHAEL MASON
- 19A-08 DANIEL MCINTYRE
- 19A-09 DANIEL MCINTYRE
- 19A-10 DANIEL MCINTYRE
- 19A-11 ARTHUR KESTER
- 19A-21 KENNETH WRIGHT
- 19A-27 DANIEL MCINTYRE
- 19A-28 CLARISSA REED
- 19A-40 COMMUNITY BUILDING
- 19A-41.1 BRUCE PRATT
- 19A-42.1 CLARISSA REED
- 19A-51 JEFFREY BROWN



8,427'
12,470'
LONGITUDE 80°45'00"



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.
 - TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 - AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 - 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.
 - WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

JOB # **18-003WA**
DRAWING # **GATRELL1HAD**
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# **GATRELL 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; S.A. SMITH & C.B. MORRIS HEIRS TRUST; KENNETH WRIGHT; GLENN DUCKWORTH; SHARON S. ADAMS; GROVER HAUGHT; TOM WILLIAMS ET UX; JAMES MALLOY ET UX;** LEASE ACREAGE **72.28 AC+; 29 AC+; 6.27 AC+; 0.68 AC+; 29.92 AC+; 13.975 AC+; 8 AC+; 40 AC+; 90.1 AC+;**
REBECCA WILLIAMS; ROSEMARY HAUGHT; JIMMY J. GRIFFIN ET UX; BOUNTY MINERALS, LLC; JAMES A. GROVE **210 AC+; 98.5 AC+; 236 AC+; 502.8 AC+; 120AC+;**
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 **6,653' TVD 19,009' 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**

COUNTY NAME PERMIT