

LATITUDE 39°15'00"

8,123'

LATITUDE 39°15'00"

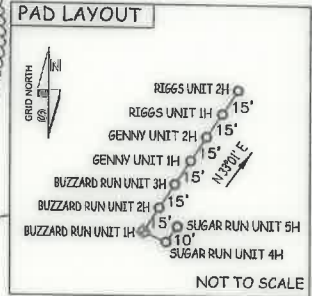
LONGITUDE 80°55'00"

13,184'

LONGITUDE 80°55'00"

Antero Resources Corporation
Well No. Buzzard Run Unit 1H

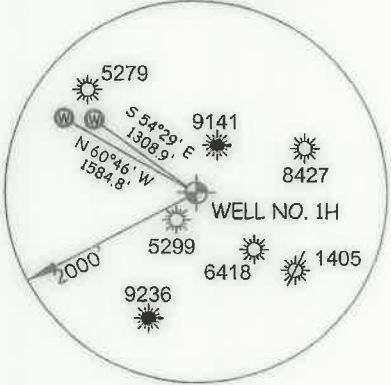
Clay District - Ritchie County	
31-12	Steven Stanley
31-16	Austin Jones
31-16.1	Jason Flanigan
31-17	E L F LLC
31-17.2	Austin Jones
31-18	E L F LLC
35-05	E L F LLC
35-12	E L F LLC
35-28	Brian Taylor
36-06	E L F LLC
36-6.1	E L F LLC
36-6.3	E L F LLC
36-07	Suzanne Janotha
36-14.1	Brian Taylor
36-15	Brian Taylor
36-26	Mei Han Clovis
36-27	James Elder
36-28	James Masters
36-29	Brian Taylor
36-30	Terry Lee Richards
36-30.1	Terry Lee Richards
40-02	Scott Williams
40-03	Tommy Postlethwait
40-05	Terry Lee Richards
40-07	James Masters
40-7.1	Terry Lee Richards
40-08	Terry Lee Richards
40-8.1	Terry Lee Richards
40-09	Terry Lee Richards
40-10	Roger Richards
40-13	Tommy Postlethwait
40-14	Duane Riggs
40-18	Duane Riggs
40-19	Duane Riggs
40-20	Duane Riggs
40-20.1	Duane Riggs



AS DRILLED DATA:
 WELL 1H TOP HOLE INFORMATION:
 N: 263,276ft E: 1,590,486ft
 LAT: 39°12'49.69" LON: 80°56'43.20"
 BOTTOM HOLE INFORMATION:
 N: 274,276ft E: 1,587,927ft
 LAT: 39°14'38.00" LON: 80°57'17.98"
 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: 4,340,514m E: 504,734m
 BOTTOM HOLE INFORMATION:
 N: 4,343,852m E: 503,898m

NOTE:
 2 WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PAD



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 06/04/20
 OPERATOR'S WELL# BUZZARD RUN UNIT #1H

- 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.

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 085 - 10379
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,149' AS BUILT WATERSHED NORTH FORK HUGHES RIVER QUADRANGLE PULLMAN 7.5' (SHL) PENNSBORO 7.5' (BHL) STATE COUNTY PERMIT
 SURFACE OWNER TERRY LEE RICHARDS ACREAGE 60 ACRES +/- DISTRICT CLAY COUNTY RITCHIE
 OIL & GAS ROYALTY OWNER LORETTA K. CLARK BARE ET AL; S. A. SMITH & C. BURKE MORRIS TRUST; LEASE ACREAGE 60 AC±; 46.48 AC±
 MARY A. TUCKER ET AL; LAWRENCE E. DOTSON ET UX; FRANKLIN MAXWELL HEIRS; A. C. PRIMM ET AL; 50 AC±; 57 AC±; 12 AC±; 174 AC±
 HARRY J. TAYLOR; GROVER C. TAYLOR ET AL; LENA R. CARR ET AL 155 AC±; 577 AC±; 163 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 6,412' TVD 18,026' 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 CHARLESTON, WV 25313

LATITUDE 39°15'00"

8,123'

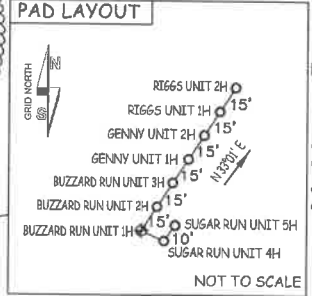
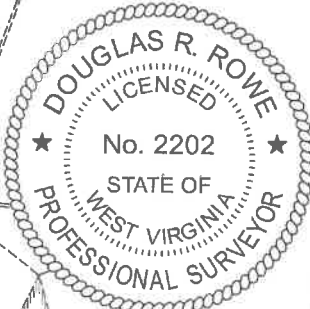
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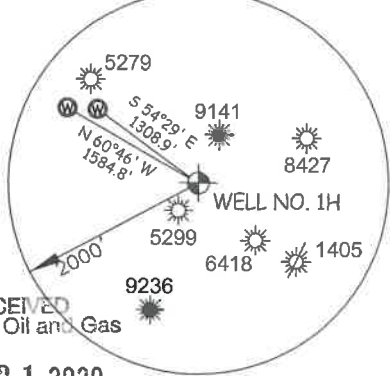


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RECEIVED
Office of Oil and Gas

AUG 31 2020

WV Department of Environmental Protection

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WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 18-025WA
DRAWING # BUZZARDRUN1HAD
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

LEGEND
----- Surface Owner Boundary Lines +/-
----- Interior Surface Tracts +/-
○----- Proposed Well Path
○----- As Drilled Well Path
DOUGLAS R. ROWE P.S. 2202
DATE 06/04/20
OPERATOR'S WELL# BUZZARD RUN UNIT #1H

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ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME

PERMIT