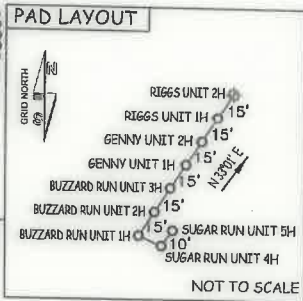
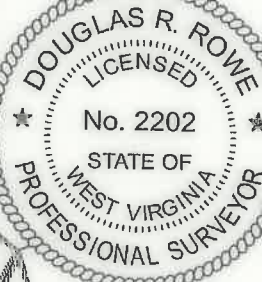


LATITUDE 39°15'00"

8,075'

1,214' TO BOTTOM HOLE
LATITUDE 39°17'30"

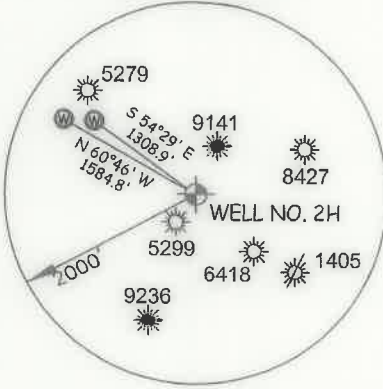
Antero Resources Corporation
Well No. Riggs Unit 2H



AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 263,352ft E: 1,590,535ft
LAT: 39°12'50.45" LON: 80°56'42.60"
BOTTOM HOLE INFORMATION:
N: 278,070ft E: 1,585,829ft
LAT: 39°15'15.15" LON: 80°57'45.43"
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: 4,340,537m E: 504,748m
BOTTOM HOLE INFORMATION:
N: 4,344,997m E: 503,240m

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



Clay District - Ritchie County

30-15	Joseph Wilson
30-16	Norma Hilvers
30-18	Harry Bruner
30-27	Joseph Wilson
30-41	Ray Taylor
31-17	E L F LLC
35-05	E L F LLC
35-12	E L F LLC
35-27	Kevin Headle
35-28	Brian Taylor
36-6.1	E L F LLC
36-14.1	Brian Taylor
36-25.1	EQ T Gatherings OPCO LLC
36-26	Meghan Clovis
36-27	James Elder
36-28	James Masters
2H BOTTOM HOLE	
39-09	Howard Hornish
40-02	Scott Williams
40-07	James Masters
40-08	Terry Lee Richards
40-09	Terry Lee Richards
40-14	Duane Riggs
40-18	Duane Riggs
40-05	MARY A. TUCKER ET AL LEASE

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

JOB # 18-024WA
DRAWING # RIGGS2HAD
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 +/-
O - - - - - Proposed Well Path
O - - - - - Drilled Well Path

DOUGLAS R. ROWE P.S. 2202

DATE 06/04/20
OPERATOR'S WELL# RIGGS UNIT #2H

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 - 10385
(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; MILES H. LAMM ET UX; LAWRENCE E. DOTSON ET UX; LEASE ACREAGE 60 AC±; 44 AC±; 57 AC±; DUANE RIGGS; ALMARINE HOUGE; HARRY J. TAYLOR; MARY HOLLAND ET VIR; GROVER C. TAYLOR ET AL; 42.5 AC±; 90 AC±; 155 AC±; 220 AC±; 577 AC±; LENA R. CARR ET AL; DALE WEEKELY ET AL 163 AC±; 140 AC±
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL CLEAN OUT & REPLUG
(SPECIFY) AS DRILLED PLUG & ABANDON
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,443' TVD 22,166' 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

WV NORTH ZONE GRID NORTH

LONGITUDE 80°57'30"

13,108'

LONGITUDE 80°55'00"

LATITUDE 39°15'00"

8,075'

1,214' TO BOTTOM HOLE

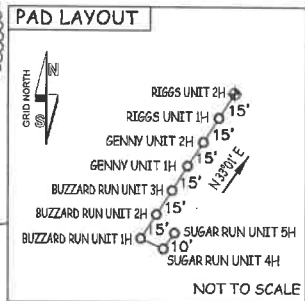
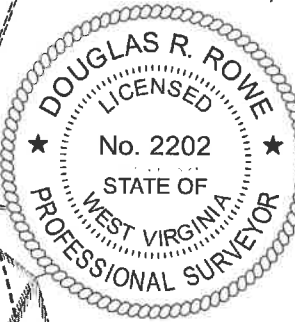
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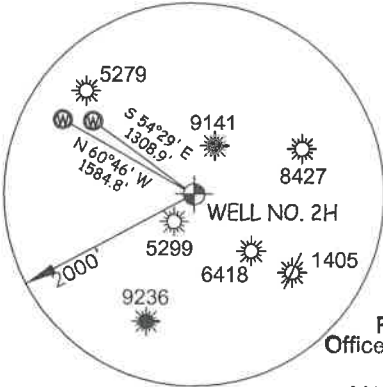
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RECEIVED
Office of Oil and Gas
AUG 31 2020

WV Department of Environmental Protection

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40-18	Duane Riggs
40-05	MARY A. TUCKER ET AL LEASE
40-08	S. A. SMITH & C. BIRKES MORRIS TRUST LEASE
40-09	LORETTA K. CLARK BARE ET AL LEASE
40-10	55° WHITE OAK FENCE CORNER

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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# RIGGS UNIT #2H

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