

LATITUDE 39°25'00"

10,790'

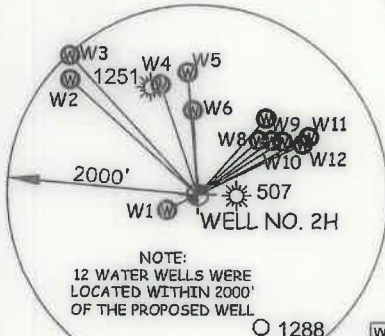
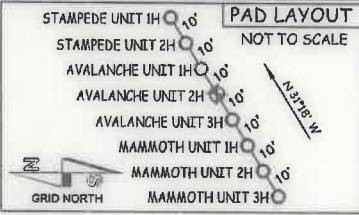
LATITUDE 39°22'30"

294' TO BOTTOM HOLE
5.007'
LONGITUDE 80°45'00"

Antero Resources Corporation
Well No. Avalanche Unit 2H

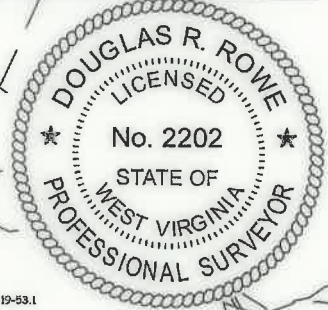
AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 331,472ft E: 1,635,997ft
LAT: 39°24'10.51" LON: 80°47'17.46"
BOTTOM HOLE INFORMATION:
N: 320,952ft E: 1,639,903ft
LAT: 39°22'27.10" LON: 80°46'25.80"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES

ARE BASED ON GRID NORTH.
2H TOP HOLE
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 4,361,521m E: 518,252m
BOTTOM HOLE INFORMATION:
N: 4,358,336m E: 519,495m



W1	S 63°23' W	359.2'
W2	N 47°45' W	1801.9'
W3	N 42°23' W	1993.8'
W4	N 18°18' W	1224.0'
W5	N 04°30' W	1295.6'
W6	N 02°57' W	893.2'
W7	N 41°39' E	1085.6'
W8	N 48°02' E	866.0'
W9	N 53°22' E	966.3'
W10	N 57°24' E	1057.8'
W11	N 62°09' E	1320.5'
W12	N 63°56' E	1228.5'

TM-Par	Surface Owner	Book/Pg	Acres
16-07	Robert Kocher	432/591	97.659 AC
16-7.2	Donna Brumbaugh	360/71	1.86 AC
16-7.3	Mary Blatter	WB45/477	4.47 AC
16-7.4	Donald Moore	387/168	6.974 AC
16-7.5	Robert Kocher	432/591	63.066 AC
16-08	June Griffin	231/41	233.49 AC
16-8.1	Roger Griffin	219/454	1.45 AC
16-8.2	Roger Griffin	352/609	0.481 AC
16-18	Albert Bebee	292/450	208.66 AC
16-19	Todd Orr	205/175	2 AC
19-02	Lloyd Talkington	326/774	127.86 AC
19-03	Larry Stevens	344/431	2.98 AC
19-04	John Owens	296/279	1.08 AC
19-05	Paul Weekley	419/401	0.21 AC
19-06	Paul Weekley	419/401	0.866 AC
19-07	Patricia Anthony	381/300	5.59 AC
19-08	John Lewis Jr.	336/631	116.5 AC
19-09	Robert Walsh	335/839	140 AC
19-45	Terrence Fraser	252/430	7.16 AC
19-46	Terrence Fraser	292/430	59.62 AC
19-47	Ronnie Wilson Jr.	358/414	50 AC
19-52	Harald Yost	344/242	32 AC
19-53.1	Larry Marable	368/722	66.38 AC
19-66	Matthew March	415/642	73.952 AC
19-67	Smith Morris Trust	149/274	18 AC
19-68	Randall Clouston	458/666	35.53 AC
19-69	Randall Clouston	458/666	38.5 AC
22-05	William Middleton	353/471	102.29 AC
22-06	Thomas Allen	269/448	53 AC
22-07	Thomas Allen	125/425	50 AC
22-10	Thomas Allen	269/448	23 AC
22-12	Terry Dotson	544/784	48.754 AC
22-12.1	Margaret Dotson	415/599	2.996 AC
01-01	Steven Reed	WB54/21	158 AC



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 # 17-038WA
DRAWING # AVALANCHE2HAD
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 08/12/20
OPERATOR'S WELL# AVALANCHE 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 ___ 095 ___ 02525
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW STATE COUNTY PERMIT
 LOCATION: ELEVATION 743' - AS BUILT WATERSHED McELROY CREEK
 QUADRANGLE TH - SHIRLEY 7.5' BH - WEST UNION 7.5' DISTRICT McELROY COUNTY TYLER
 SURFACE OWNER ANTERO RESOURCES CORPORATION ACREAGE 127.86 ACRES +/-
 OIL & GAS ROYALTY OWNER B.F. REED ET UX; K & D HOLDINGS, LLC; MARK A. BURNETT; LEASE ACREAGE 130 AC.±; 219.39 AC.±; 256 AC.±;
 R.E. SMITH ET UX; GLENN D. SMITH; FANNY D. DAVIS ET AL; UNION NATIONAL BANK OF W.V.; 50.5 AC.±; 32 AC.±; 74 AC.±; 25.5 AC.±;
 EDWARD LEWIS CASE; LINDA J. DESCHER; W.S. WRIGHT ET AL 50 AC.±; 76 AC.±; 48.754 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 6,425' TVD 18,035' 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

COUNTY NAME PERMIT

LATITUDE 39°25'00"

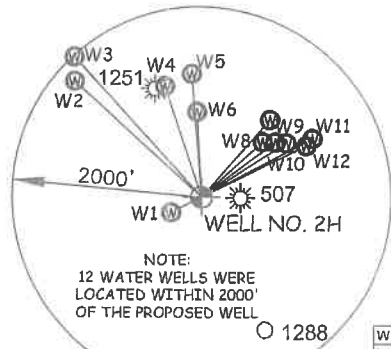
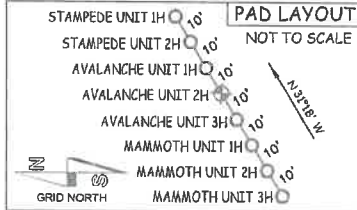
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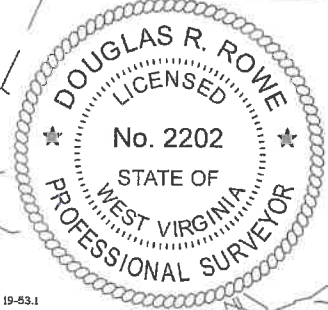
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