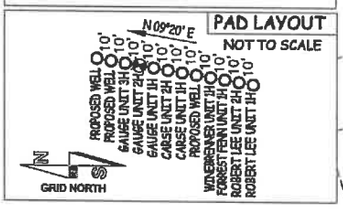
Antero Resources Corporation Well No. Gauge Unit 2H

AS DRILLED DATA:
WELL 2H TOP HOLE INFORMATION:
N: 337,366ft E: 1,584,813ft
LAT: 39°25'01.00" LON: 80°58'10.67"
BOTTOM HOLE INFORMATION:
N: 326,160ft E: 1,589,437ft
LAT: 39°23'11.00" LON: 80°57'09.45"
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.

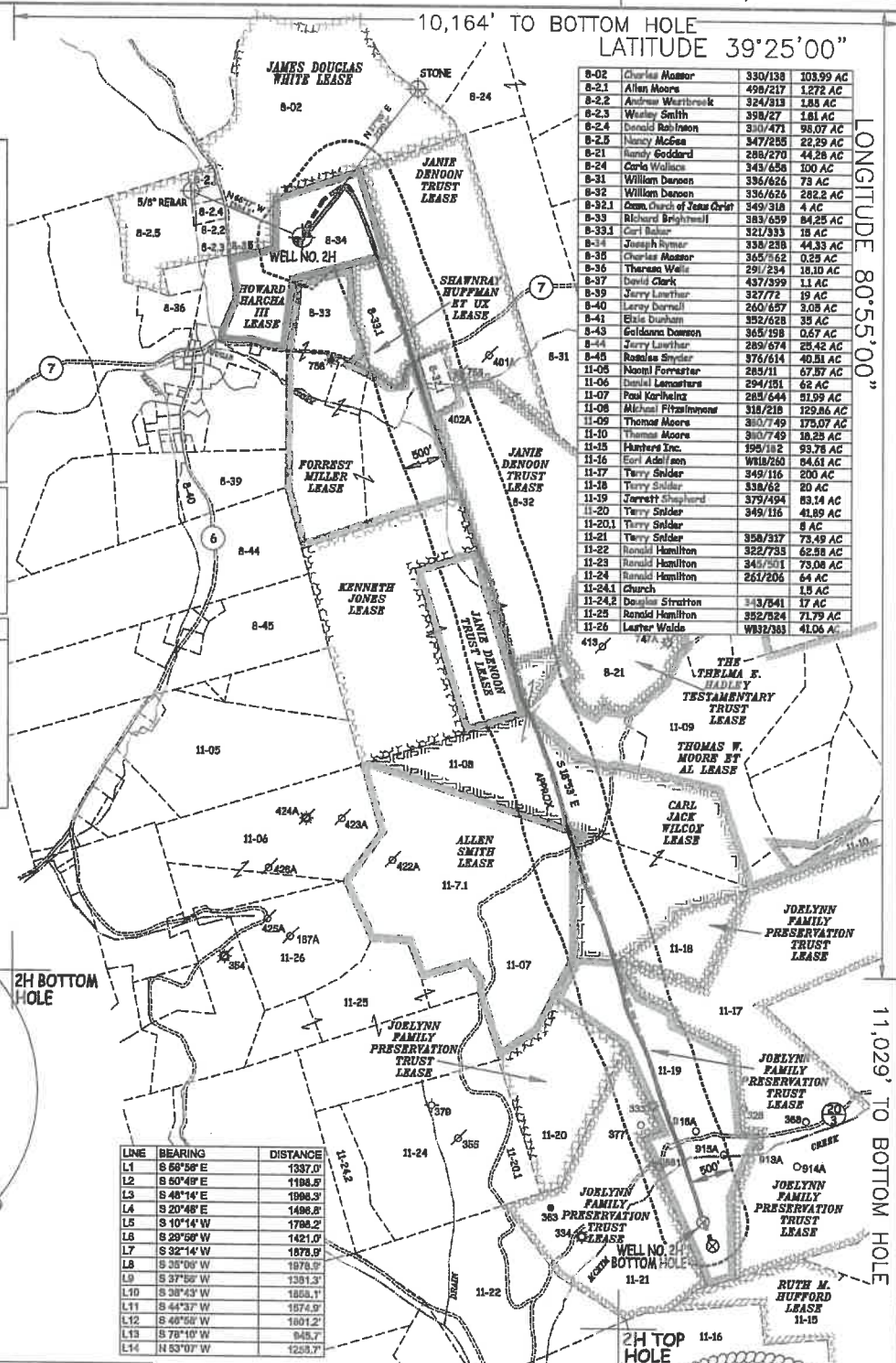
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 4,363,056m E: 502,629m
BOTTOM HOLE INFORMATION:
N: 4,359,666m E: 504,094m

WV NORTH ZONE GRID NORTH

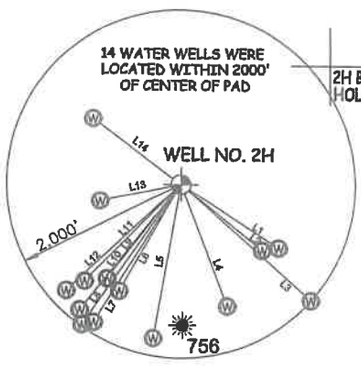
PAD LAYOUT
NOT TO SCALE



LATITUDE 39°27'30" — 3,191'
10,164' TO BOTTOM HOLE
LATITUDE 39°25'00"
LONGITUDE 80°55'00"
15,075'
11,029' TO BOTTOM HOLE
LONGITUDE 80°57'30"



8-02	Charles Massor	330/138	103.99 AC
8-2.1	Allen Moore	498/217	1.272 AC
8-2.2	Andrew Westbrook	324/313	1.85 AC
8-2.3	Wesley Smith	398/27	1.81 AC
8-2.4	Donald Robinson	330/471	98.07 AC
8-2.5	Nancy McGee	347/255	22.29 AC
8-21	Randy Goddard	288/270	44.26 AC
8-24	Carla Wallace	343/656	100 AC
8-31	William Denoon	336/626	73 AC
8-32	William Denoon	336/626	282.2 AC
8-32.1	Assn. Church of Jesus Christ	349/318	4 AC
8-33	Richard Brightwell	383/659	84.25 AC
8-33.1	Carl Baker	321/333	18 AC
8-34	Joseph Rymer	338/238	44.33 AC
8-35	Charles Massor	365/562	0.25 AC
8-36	Theresa Wells	291/234	18.10 AC
8-37	David Clark	437/399	1.1 AC
8-39	Jerry Lawther	327/72	19 AC
8-40	Leroy Darnell	260/657	3.08 AC
8-41	Elsie Dunham	352/628	35 AC
8-43	Goldanna Dawson	365/198	0.67 AC
8-44	Jerry Lawther	289/674	25.42 AC
8-45	Rosalea Snyder	376/614	40.81 AC
11-05	Naomi Forrester	285/11	67.57 AC
11-06	Daniel Lemasters	294/151	62 AC
11-07	Paul Karlheinz	285/644	51.99 AC
11-08	Michael Fitzsimmons	318/218	129.86 AC
11-09	Thomas Moore	380/749	175.07 AC
11-10	Thomas Moore	380/749	16.25 AC
11-15	Hunters Inc.	195/182	93.76 AC
11-16	Earl Adelson	WB18/260	64.61 AC
11-17	Terry Snider	349/116	200 AC
11-18	Terry Snider	338/62	20 AC
11-19	Jarrett Shepherd	379/494	69.14 AC
11-20	Terry Snider	349/116	41.89 AC
11-20.1	Terry Snider		6 AC
11-21	Terry Snider	358/317	73.49 AC
11-22	Ronald Hamilton	322/735	62.58 AC
11-23	Ronald Hamilton	345/501	73.08 AC
11-24	Ronald Hamilton	261/206	64 AC
11-24.1	Church		1.5 AC
11-24.2	Douglas Stratton	343/541	17 AC
11-25	Ronald Hamilton	352/524	71.79 AC
11-26	Lester Walda	WB32/383	41.06 AC



LINE	BEARING	DISTANCE
L1	S 66°56' E	1337.0'
L2	S 60°49' E	1198.5'
L3	S 48°14' E	1998.3'
L4	S 20°48' E	1496.8'
L5	S 10°14' W	1798.2'
L6	S 29°56' W	1421.0'
L7	S 32°14' W	1878.9'
L8	S 35°06' W	1978.9'
L9	S 37°56' W	1351.3'
L10	S 38°43' W	1858.1'
L11	S 44°37' W	1874.9'
L12	S 46°56' W	1801.2'
L13	S 78°10' W	945.7'
L14	N 53°07' W	1258.7'

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 DEPTARTMENT 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

RECEIVED
Office of Oil and Gas
AUG 31 2020

THOMAS SUMMERS LICENSED No. 2109 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

JOB # 17-023WA
DRAWING # GAUGE2HAD
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

THOMAS SUMMERS P.S. 2109

DATE 03/09/20
OPERATOR'S WELL# GAUGE UNIT #2H

NOTES
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
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 X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
47 — 095 — 02539
STATE COUNTY PERMIT
LOCATION: ELEVATION 986' - AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MEADE COUNTY TYLER
SURFACE OWNER JOSEPH R. RYMER JR. ACREAGE 44.33 ACRES +/-
OIL & GAS ROYALTY OWNER HOWARD HARCHA III; SHAWNRAY HUFFMAN ET UX; FORREST MILLER; KENNETH JONES; LEASE ACREAGE 44.33 AC.±; 15 AC.±; 84.86 AC.±; 85.5 AC±;
JANIE DENOON TRUST; JANIE DENOON TRUST; CARL JACK WILCOX; THOMAS W. MOORE ET AL; ALLEN SMITH; JOELYNN FAMILY PRESERVATION TRUST; 620.45 AC±; 85.3 AC±; 129.86 AC±; 109.11 AC.±; 149.18 AC±; 88.14 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 6,311' TVD 18,510' 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

COUNTY NAME PERMIT

FORM WW-6