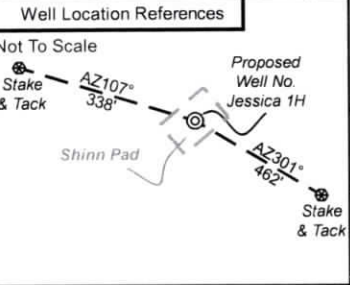


Antero Resources
Well No. Jessica 1H
BHL MOD
Antero Resources Corporation



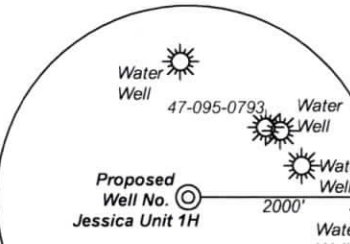
Page
1 of 2



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 prescribed by the Department of Environmental Protection.

Bradley D. Miller

Bradley D. Miller, P.S. 2167



Note: Four water wells were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

	Bearing	Dist.
L1	N 05°51' E	805.5'
L2	N 26°35' W	3,314.7'
L3	S 45°03' E	1,458.4'
L4	N 69°15' E	3,422.0'
L5	S 67°11' W	2,530.6'

7,958' to Bottom Hole

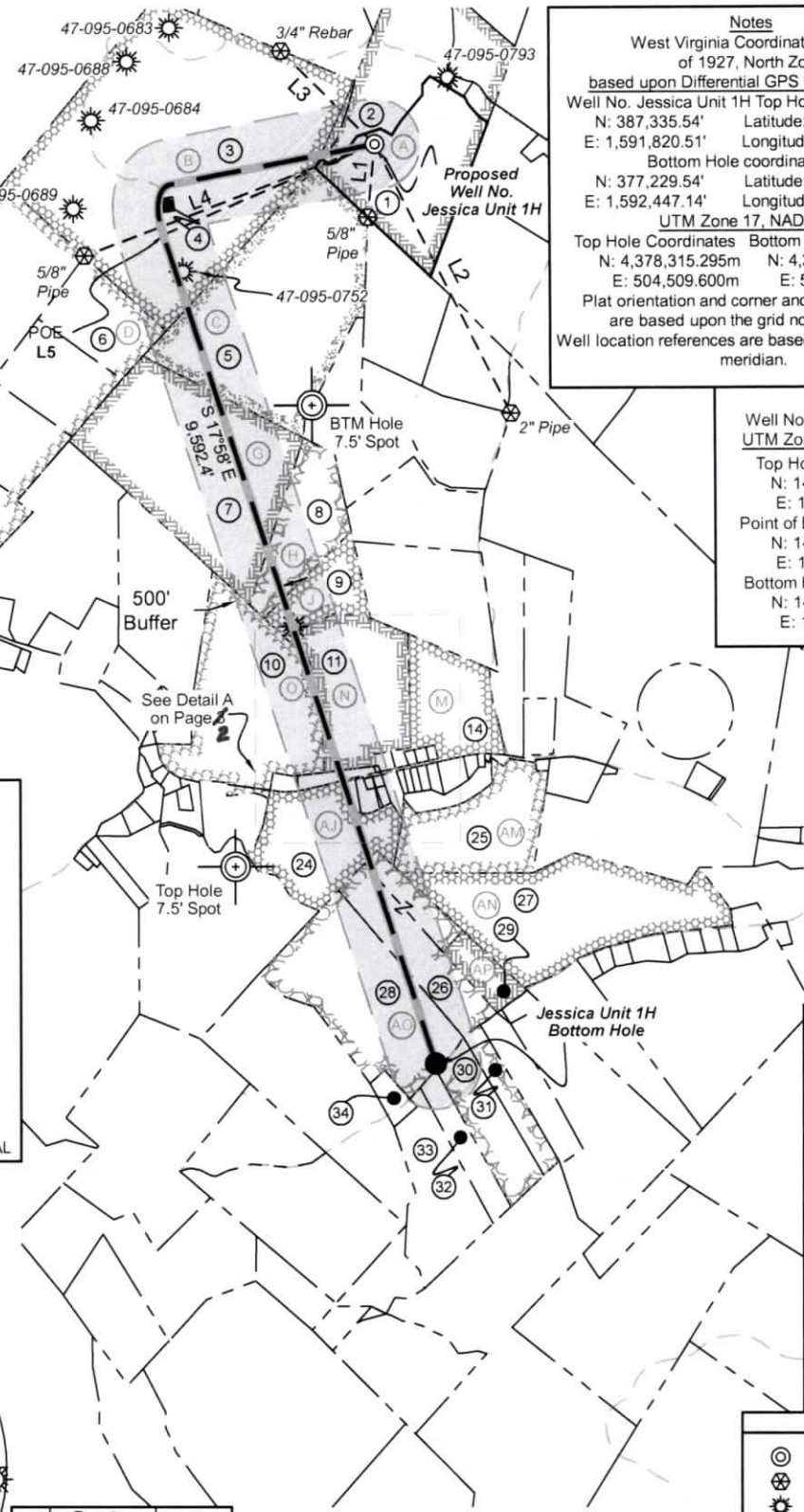
8,743' to Top Hole

TOP HOLE LATITUDE 39 - 35 - 00
 BTM HOLE LATITUDE 39 - 32 - 30

LONGITUDE 80 - 55 - 00

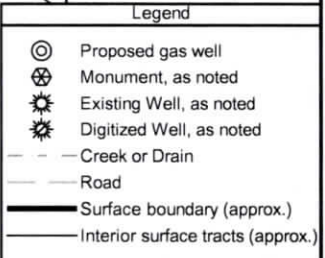
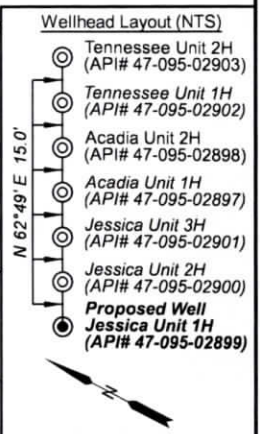
10,526' to Top Hole

5,445' to Bottom Hole



Notes
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Jessica Unit 1H Top Hole coordinates are
 N: 387,335.54' Latitude: 39°33'15.96"
 E: 1,591,820.51' Longitude: 80°56'51.65"
 Bottom Hole coordinates are
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 UTM Zone 17, NAD 1983
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 N: 4,378,315.295m N: 4,375,239.625m
 E: 504,509.600m E: 504,751.830m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Notes:
 Well No. Jessica Unit 1H UTM Zone 17, NAD 1927
 Top Hole Coordinates
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 N: 14,362,788.90'
 E: 1,652,848.84'
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 N: 14,353,718.14'
 E: 1,655,958.89'



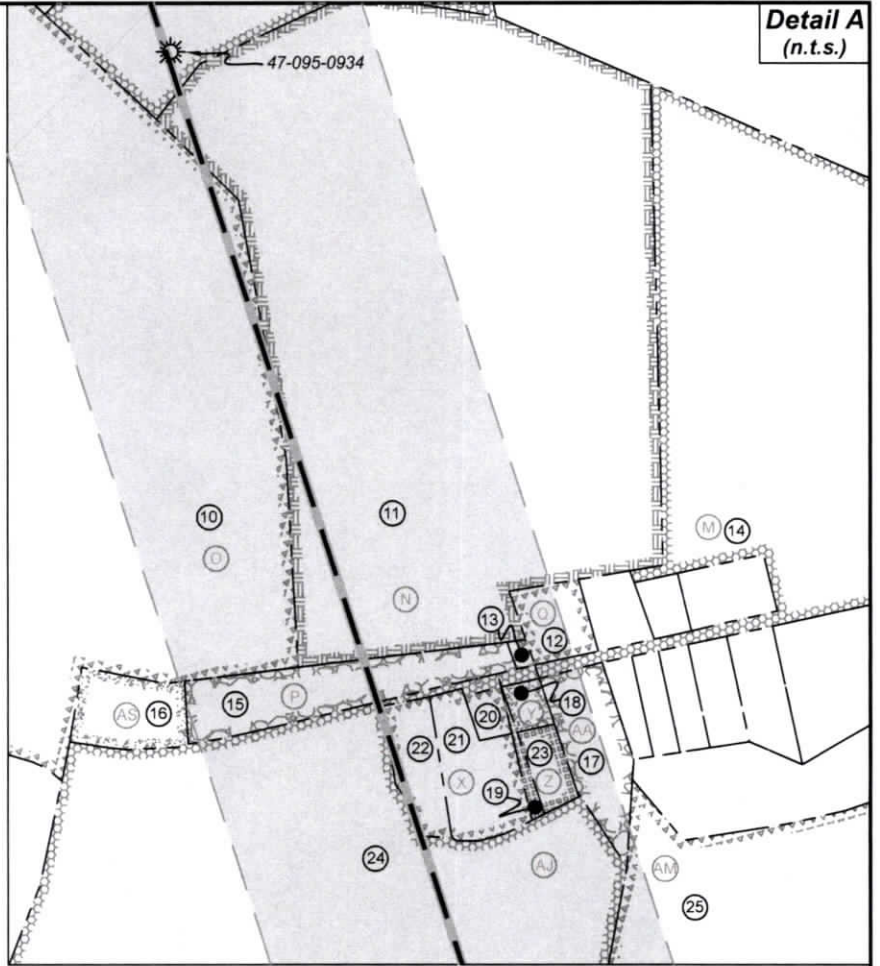
FILE NO: 32-54-L-17
 DRAWING NO: Jessica Unit 1H BHL MOD
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: November 1 2024
 OPERATOR'S WELL NO. Jessica Unit 1H
 API WELL NO
 47 - 095 - 02899
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: Existing Grade 1,043' Proposed Grade 1,036' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City
 DISTRICT: Lincoln COUNTY: Tyler 12/06/2024
 SURFACE OWNER: Antero Resources Corporation ACREAGE: 52.51
 ROYALTY OWNER: Raymond B. Heintzman, et ux LEASE NO: ACREAGE: 100
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BHL MOD 6,700' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,800' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
 Denver, CO 80202 Bridgeport, WV 26330



ID	TM-Par	Owner	Bk/Pg	Acres
1	8-21.2	Antero Resources Corporation	296/494	35.52
2	8-21	Antero Resources Corporation	296/490	52.51
3	8-19	Olive Branch Animal Rescue	333/804	173.48
4	8-19.1	Hope Gas, Inc.	337/454	0.52
5	8-39	Virginia A. Nalley	190/482	70.65
6	8-38.4	Carl W. Woolwine	636/677	21.32
7	8-54	Virginia A. Nalley	190/482	63.01
8	8-55	Douglas Ray Carson, Jr.	595/111	25.62
9	8-56	Douglas Ray Carson, Jr.	595/111	14.96
10	12-16	Harry H. II & Rebecca A. Huff	230/546	45.11
11	12-17	Lylde S. & Melodee A. Matheny	504/633	36.00
12	12A-8	James O. & Nancy J. McMullen	341/483	0.79
13	12-40.7	Lylde S. & Melodee A. Matheny	535/275	0.08
14	12-18	David E. & Shelley R. Maxwell	307/676	29.04
15	12-40.6	Richard D. & Rachel D. Lewis	535/275	2.39
16	12-40.3	Amelia D. Hubbard	WB29/784	1.25
17	12A-15	Shirley G. Wilson	166/81	1.50
18	12A-14	Andrew M. Weekley	427/536	0.29
19	12-40.4	Andrew M. Weekley	427/536	0.16
20	12A-13	Amerlia D. Hubbard	WB75/343	0.29
21	12-40.1	Amelia D. Hubbard	WB75/343	1.61
22	12-40.5	Amelia D. Hubbard	WB75/343	0.96
23	12-40.2	Andrew M. Weekley	427/536	0.49
24	12-40	David E. Wells	335/133	34.38
25	12-41	Shaun M. & Carrie A. Meckley	633/569	43.28
26	12-53.5	Walter J. West	359/817	29.04
27	12-71.1	James Perry & Melissa Flesher	316/137	63.45
28	12-53.4	Walter J. West	359/817	52.95
29	12-53.8	Daniel J. & Donald E. Regan	372/164	7.80
30	12-53	Walter J. West	359/817	18.33
31	12-53.3	Walter J. West	359/817	9.04
32	12-53.7	John Backel & Mary Beth Tomaselli	321/138	10.01
33	12-53.6	Roller Coaster Resources LLC	259/698	27.26
34	12-52.1	Roller Coaster Resources LLC	259/698	3.45

Leases	
A	Raymond B. Heintzman, et ux
B	Nevin Porter, et al
C	Virginia A. Nalley
D	Victoria Keller, et al
G	The Norma T. Long Trust
H	The Norma T. Long Trust
J	Helen Heintzman, et vir
M	David E. Maxwell, et ux
N	Lylde S. & Melodee A. Matheny
O	Harry H. Huff, II, et ux
P	Richard D. Lewis, et ux
Q	James O. McMullen, et ux
X	Amelia D. Hubbard
Y	Andrew Weekley
Z	Andrew Weekley
AA	Shirley G. Wilson
AJ	David E. Wells, et ux
AM	Roy L. Craig
AN	James Perry & Melissa B. Flesher
AO	Walter J. West
AP	Donald E. Regan
AS	Amelia D. Hubbard

FILE NO: 32-54-L-17
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 SCALE: 1" = 2000'
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 Submeter
 PROVEN SOURCE OF ELEVATION:
 WVDOT, Harrisville, WV

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

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API WELL NO
 47 - 095 - 02899
 STATE COUNTY PERMIT

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Antero Resources
Well No. Jessica 1H
BHL MOD
Antero Resources Corporation

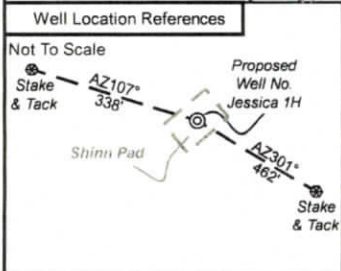


Page
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TOP HOLE LATITUDE 39 - 35 - 00
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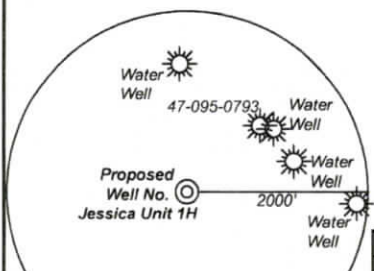
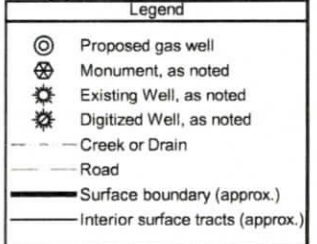
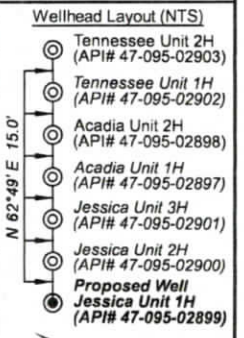
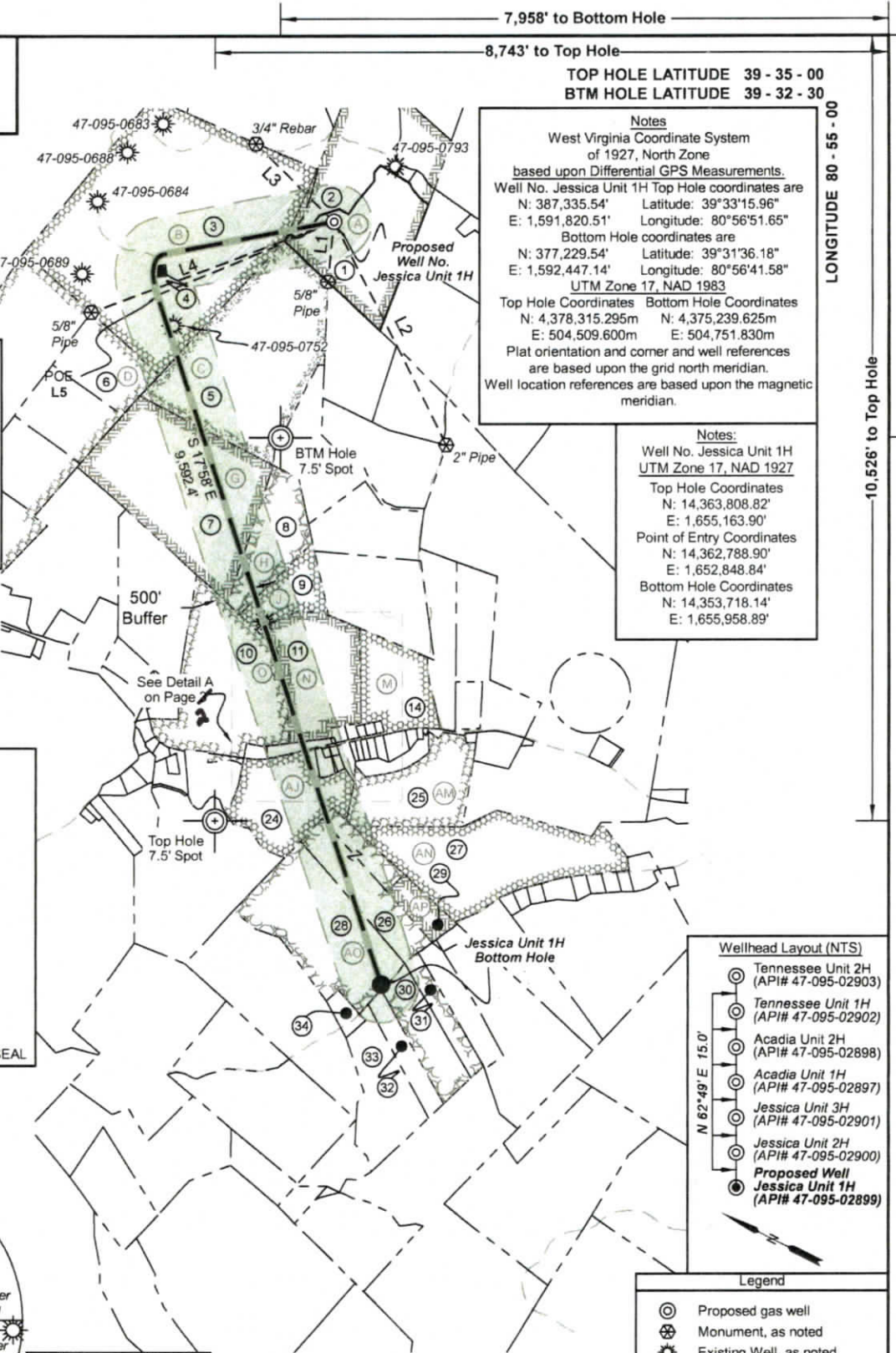
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JMK
 11/22/24