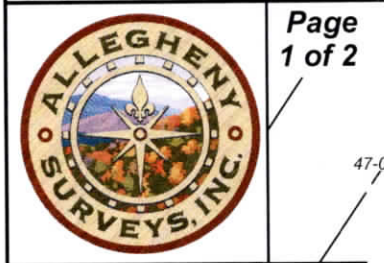
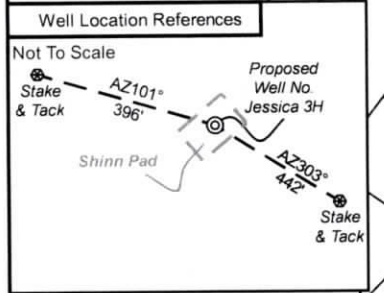


**Antero Resources**  
**Well No. Jessica 3H**  
**BHL MOD**  
**Antero Resources Corporation**



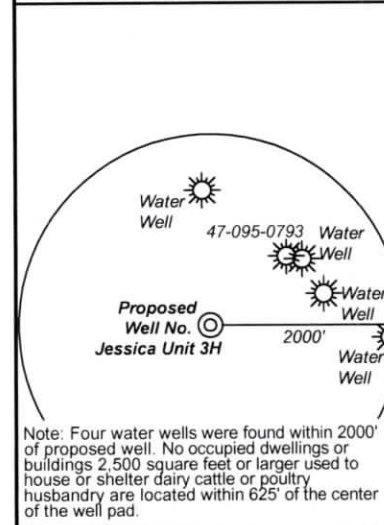
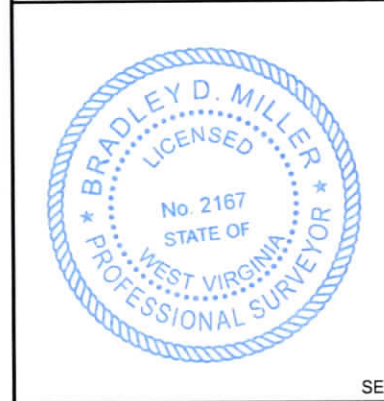
Page  
1 of 2



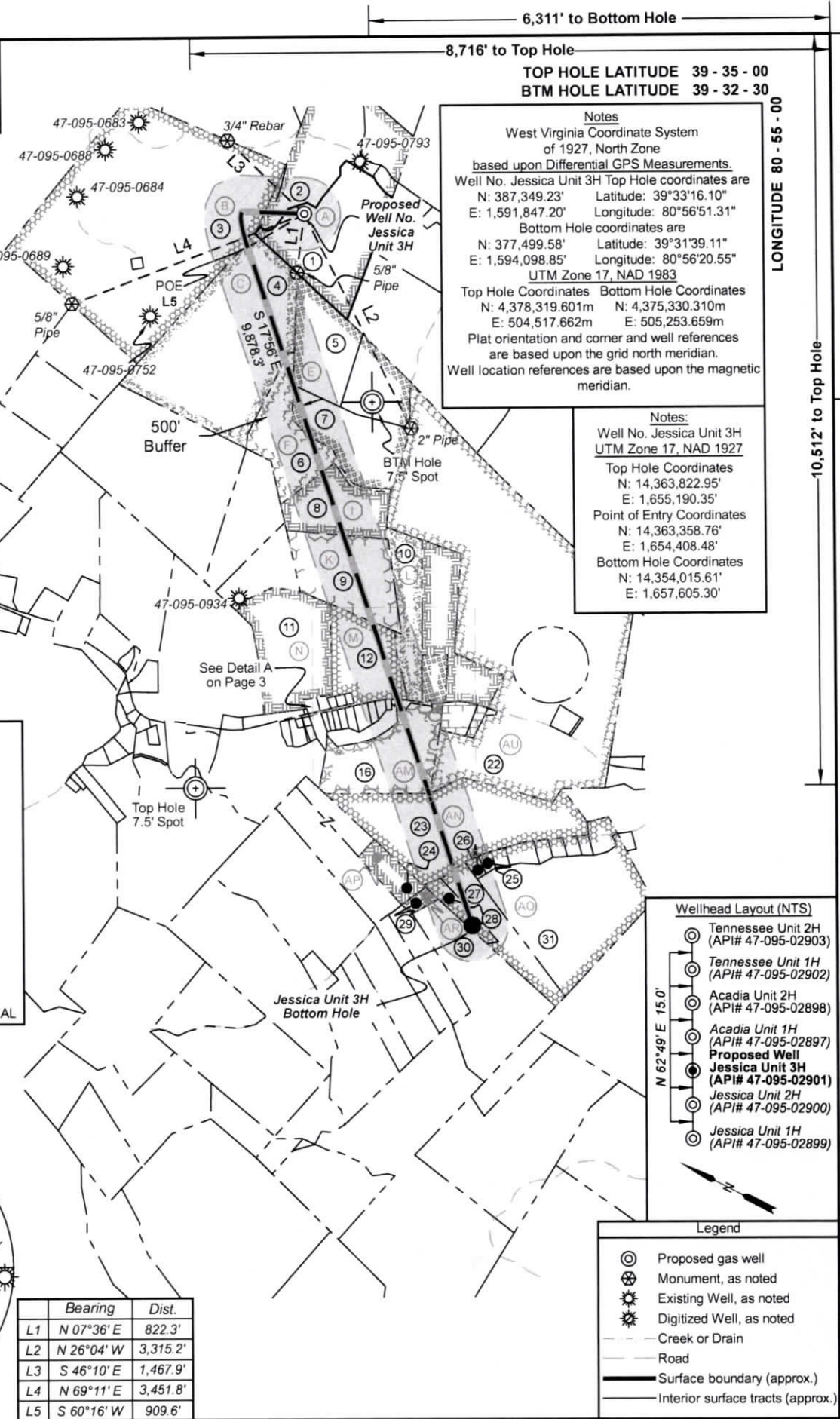
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

*Bradley D. Miller*

Bradley D. Miller, P.S. 2167



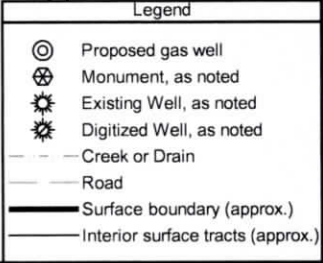
FILE NO: 32-54-L-17  
 DRAWING NO: Jessica Unit 3H BHL MOD  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV



	Bearing	Dist.
L1	N 07°36' E	822.3'
L2	N 26°04' W	3,315.2'
L3	S 46°10' E	1,467.9'
L4	N 69°11' E	3,451.8'
L5	S 60°16' W	909.6'

**Notes**  
 West Virginia Coordinate System of 1927, North Zone  
 based upon Differential GPS Measurements.  
 Well No. Jessica Unit 3H Top Hole coordinates are  
 N: 387,349.23' Latitude: 39°33'16.10"  
 E: 1,591,847.20' Longitude: 80°56'51.31"  
 Bottom Hole coordinates are  
 N: 377,499.58' Latitude: 39°31'39.11"  
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**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,378,319.601m N: 4,375,330.310m  
 E: 504,517.662m E: 505,253.659m  
 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 3H  
**UTM Zone 17, NAD 1927**  
 Top Hole Coordinates  
 N: 14,363,822.95'  
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 N: 14,363,358.76'  
 E: 1,654,408.48'  
 Bottom Hole Coordinates  
 N: 14,354,015.61'  
 E: 1,657,605.30'



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

DATE: November 1 2024  
 OPERATOR'S WELL NO. Jessica Unit 3H  
**API WELL NO**  
 47 - 095 - 02901  
 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: 18,400' MD

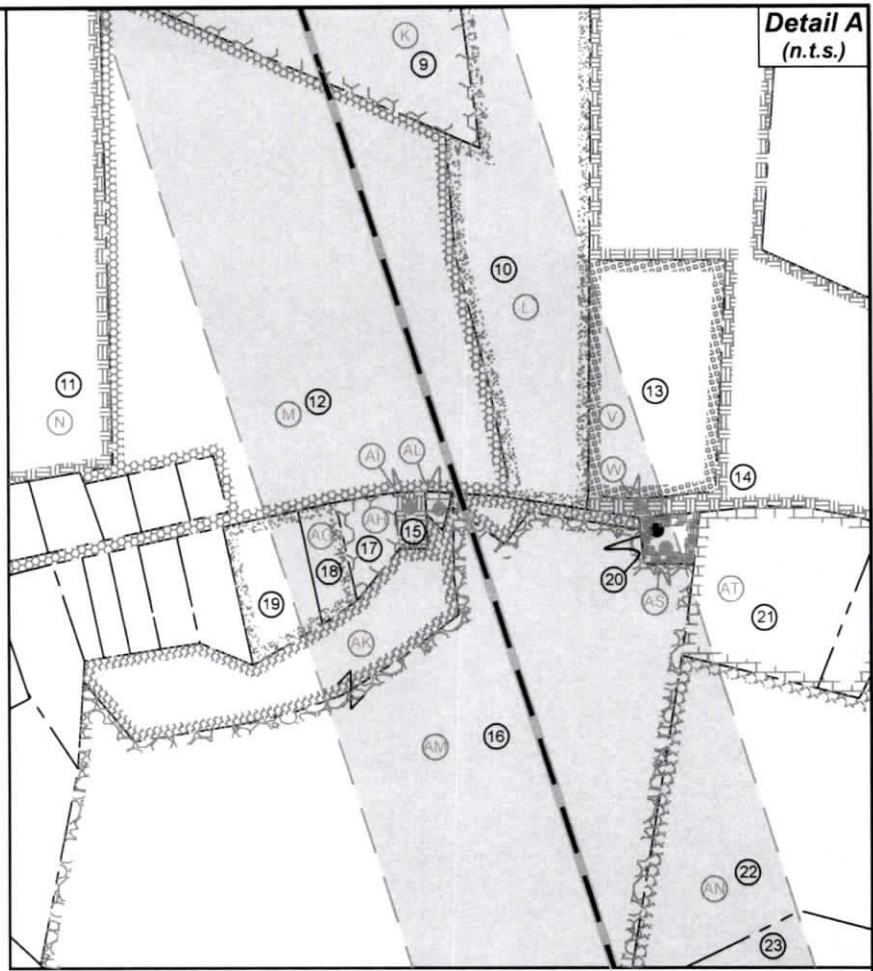
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.  
 Denver, CO 80202 Bridgeport, WV 26330

**Antero Resources**  
**Well No. Jessica 3H**  
**BHL MOD**  
**Antero Resources Corporation**



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**Detail A**  
(n.t.s.)



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	8-39	Virginia A. Nalley	190/482	70.65
5	8-41	David E. & Ila Grace Kyle	272/189	118.10
6	8-39.1	Gary G. Jr. & Debbie Ann Phillips	404/299	33.13
7	8-59	Burl A. & Colleen Folger	199/135	24.00
8	8-58	Jerry R. Brightwell & Gwendolyn C. Davies	343/841	20.16
9	8-57	Douglas Ray Carson, Jr.	595/111	33.84
10	12-19	Joseph C. & Nancy E. Starkey	217/203	17.00
11	12-17	Lylyde S. & Melodee A. Matheny	504/633	36.00
12	12-18	David E. & Shelley R. Maxwell	307/676	29.04
13	12-20.4	Joseph C. & Nancy E. Starkey	579/666	4.85
14	12-20.2	Shawn M. & Carrie A. Meckley	601/789	30.21
15	12A-24	Holly A. McNeely	213/778	0.26
16	12-41	Shaun M. & Carrie A. Meckley	633/569	43.28
17	12A-23	Kenneth R. Barker	358/801	0.86
18	12A-22	Carolyn A. Landis	WB84/809	0.79
19	12A-21	Carolyn A. Landis	192/451	1.54
20	12-42	Ray T. & Amy S. Fluharty	227/16	0.42
21	12-20	Gary G. Sr. & Mary E. Phillips	308/508	3.82
22	12-71	Shaun M. & Carrie A. Meckley	393/423	266.33
23	12-71.1	James Perry & Melissa Flesher	316/137	63.45
24	12-53.8	Daniel J. & Donald E. Regan	372/164	7.80
25	12-54.5	Charles R. Duke	349/511	1.01
26	12-54.6	Thomas & Nova Lee Fonner	243/392	1.12
27	12-54.2	Jane Ann Magruder	322/333	15.84
28	12-54.1	Donald Thompson	617/81	5.12
29	12-53.1	Denver R. II & Deborah L. Starcher	475/380	1.95
30	12-68	Denver R. II & Deborah L. Starcher	475/380	51.41
31	12-54	David A. Starcher	591/22	60.95

Leases	
A	Raymond B. Heintzman, et ux
B	Nevin Porter, et al
C	Virginia A. Nalley
E	John L. Hess
F	Virginia A. Nalley
I	Jerry R. Brightwell, et ux
K	Bounty Minerals, LLC
L	Julie Ann Ford
M	David E. Maxwell, et ux
N	Lylyde S. & Melodee A. Matheny
V	Joseph Clair Starkey, et ux
W	Rose Ann Craig Lambert
AG	Carolyn A. Landis
AH	Kenneth R. Barker
AI	Joshua Levi Stombeck
AK	Rose Ann Lambert
AL	Holly A. McNeely
AM	Roy L. Craig
AN	James Perry & Melissa B. Flesher
AO	Walter J. West
AP	Donald E. Regan
AQ	BRC Appalachian Minerals I, LLC
AR	Teresa Jean Burgey
AS	Kenny W. Heater
AT	Gary W. Phillips, Sr., et ux
AU	Lois M. & Billy J. Stern

FILE NO: 32-54-L-17  
DRAWING NO: Jessica Unit 3H BHL MOD  
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Submeter  
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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 3H  
**API WELL NO**  
47 - 095 - 02901  
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(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
Proposed Grade 1,036'  
LOCATION: ELEVATION: Existing Grade 1,043' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Paden City  
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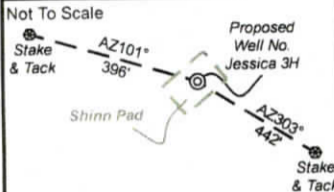
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ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.  
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**Well No. Jessica 3H**  
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**Well Location References**



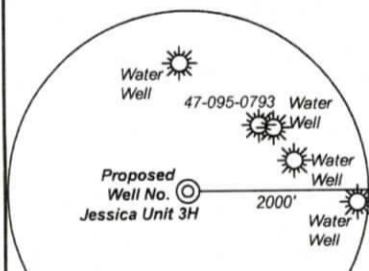
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*Bradley D. Miller*

Bradley D. Miller, P.S. 2167



SEAL



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 07°36' E	822.3'
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6,311' to Bottom Hole  
 8,716' to Top Hole  
**TOP HOLE LATITUDE 39 - 35 - 00**  
**BTM HOLE LATITUDE 39 - 32 - 30**

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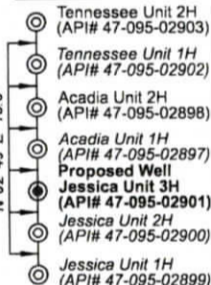
LONGITUDE 80 - 55 - 00

10,512' to Top Hole

5,148' to Bottom Hole



**Wellhead Layout (NTS)**



**Legend**

- ⊙ Proposed gas well
- ⊗ Monument, as noted
- ⊙ Existing Well, as noted
- ⊙ Digitized Well, as noted
- Creek or Drain
- Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)

FILE NO: 32-54-L-17  
 DRAWING NO: Jessica Unit 3H BHL MOD  
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**STATE OF WEST VIRGINIA**  
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 Denver, CO 80202 Bridgeport, WV 26330

*Smiley*  
 11/22/24