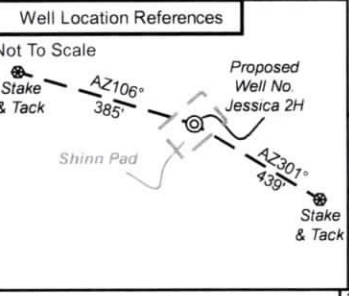


**Antero Resources**  
**Well No. Jessica 2H**  
**BHL MOD**  
**Antero Resources Corporation**



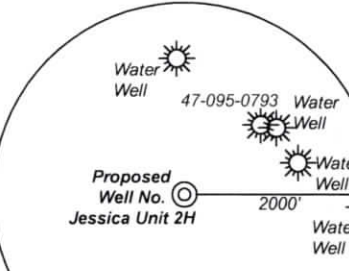
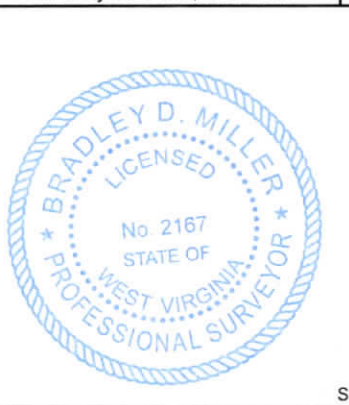
Page  
1 of 2



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



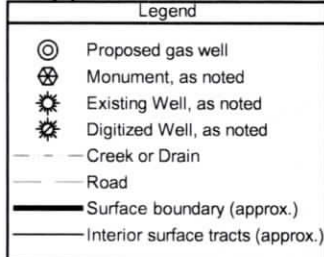
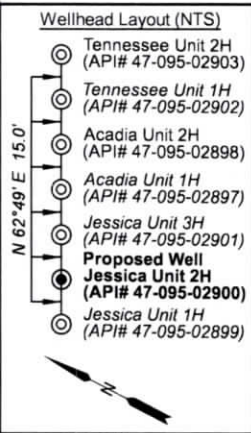
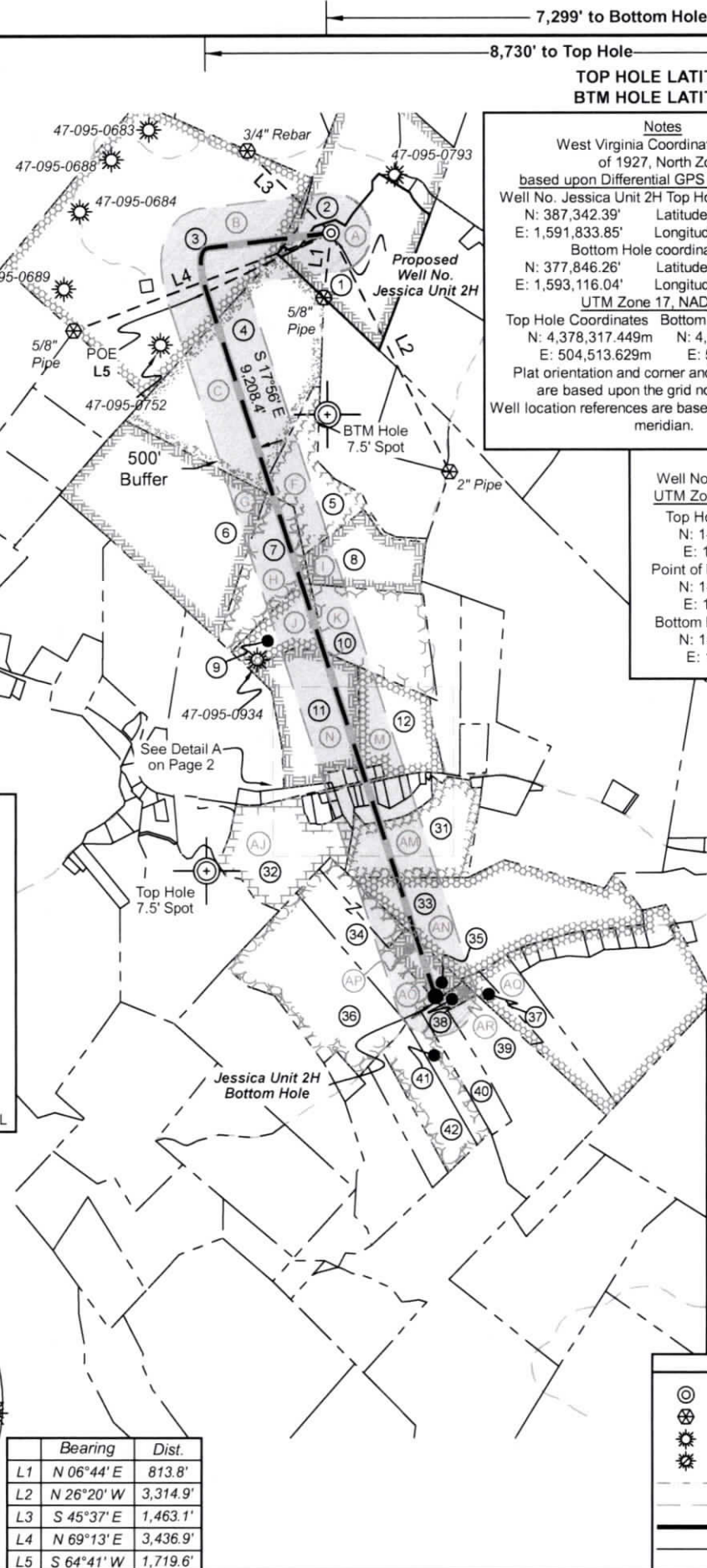
Note: Four water wells were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

	Bearing	Dist.
L1	N 06°44' E	813.8'
L2	N 26°20' W	3,314.9'
L3	S 45°37' E	1,463.1'
L4	N 69°13' E	3,436.9'
L5	S 64°41' W	1,719.6'

7,299' to Bottom Hole  
 8,730' to Top Hole  
 TOP HOLE LATITUDE 39 - 35 - 00  
 BTM HOLE LATITUDE 39 - 32 - 30

Notes  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Jessica Unit 2H Top Hole coordinates are  
 N: 387,342.39' Latitude: 39°33'16.03"  
 E: 1,591,833.85' Longitude: 80°56'51.48"  
 Bottom Hole coordinates are  
 N: 377,846.26' Latitude: 39°31'42.39"  
 E: 1,593,116.04' Longitude: 80°56'33.17"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,378,317.449m N: 4,375,430.921m  
 E: 504,513.629m E: 504,952.481m  
 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 2H UTM Zone 17, NAD 1927  
 Top Hole Coordinates  
 N: 14,436,815.89'  
 E: 1,655,177.12'  
 Point of Entry Coordinates  
 N: 14,363,054.84'  
 E: 1,653,635.81'  
 Bottom Hole Coordinates  
 N: 14,354,345.72'  
 E: 1,656,617.18'



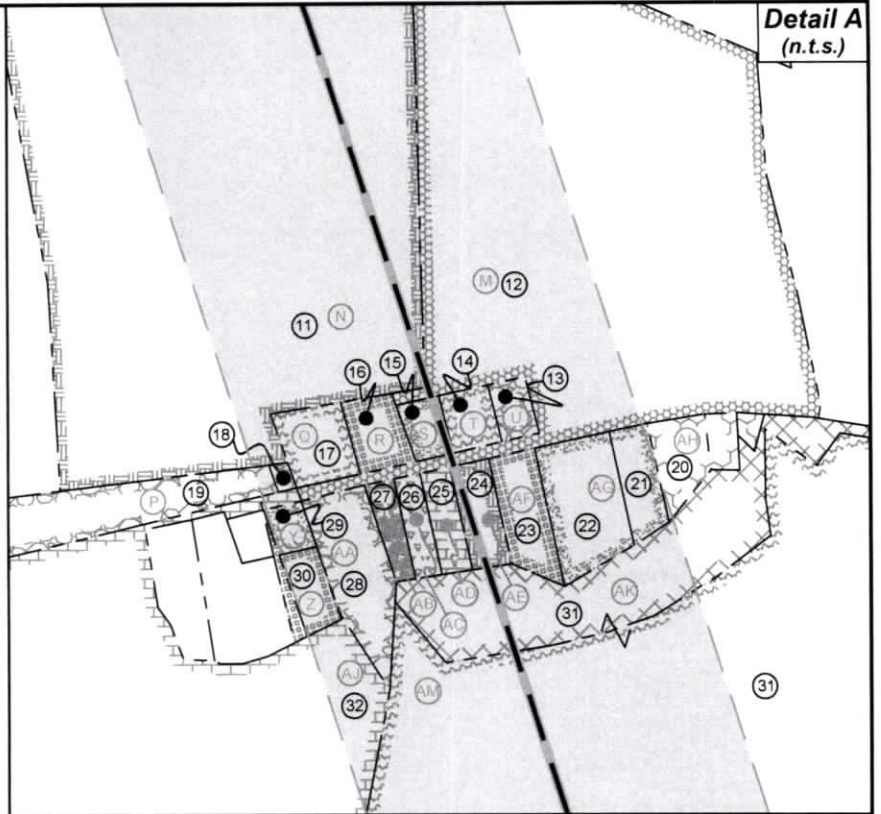
FILE NO: 32-54-L-17  
 DRAWING NO: Jessica Unit 2H BHL MOD  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: November 7 2024  
 OPERATOR'S WELL NO: Jessica Unit 2H  
 API WELL NO  
 47 - 095 - 02900  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: Proposed Grade 1,036' Existing Grade 1,043' 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  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,700' TVD 18,500' 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	8-39	Virginia A. Nalley	190/482	70.65
5	8-39.1	Gary G. Jr. & Debbie Ann Phillips	404/299	33.13
6	8-54	Virginia A. Nalley	190/482	63.01
7	8-55	Douglas Ray Carson, Jr.	595/111	25.62
8	8-58	Jerry R. Brightwell & Gwendolyn C. Davies	343/841	20.16
9	8-56	Douglas Ray Carson, Jr.	595/111	14.96
10	8-57	Douglas Ray Carson, Jr.	595/111	33.84
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	12A-12	Terri K. & Brian K. Dennis	OR85/450	0.35
14	12A-11	David E. & Shelley R. Maxwell	564/777	0.46
15	12A-10	Jeffrey C. & Violet C. Moore	348/780	0.37
16	12A-9	Connie M. Vincent	OR85/446	0.60
17	12A-8	James O. & Nancy J. McMullen	341/483	0.79
18	12-40.7	Lylyde S. & Melodee A. Matheny	535/275	0.08
19	12-40.6	Richard D. & Rachel D. Lewis	535/275	2.39
20	12A-23	Kenneth R. Barker	358/801	0.86
21	12A-22	Carolyn A. Landis	WB84/809	0.79
22	12A-21	Carolyn A. Landis	192/451	1.54
23	12A-20	Hannah M. Dennis & Dalton A. Wells	OR138/383	0.96
24	12A-19	Teresa Jean Starcher	336/775	0.64
25	12A-18	Michael E. & Courtney S. Blair	546/725	0.40
26	12A-17	David L. & Janice W. Kelly	627/266	0.40
27	12A-16	Charles B. & Julie L. Yonaley	329/75	0.41
28	12A-15	Shirley G. Wilson	166/81	1.50
29	12A-14	Andrew M. Weekley	427/536	0.29
30	12-40.2	Andrew M. Weekley	427/536	0.49
31	12-41	Shaun M. & Carrie A. Meckley	633/569	43.28
32	12-40	David E. Wells	335/133	34.38
33	12-71.1	James Perry & Melissa Flesher	316/137	63.45
34	12-53.5	Walter J. West	359/817	29.04
35	12-53.8	Daniel J. & Donald E. Regan	372/164	7.80
36	12-53.4	Walter J. West	359/817	52.95
37	12-54.1	Donald Thompson	617/81	5.12
38	12-53.1	Denver R. II & Deborah L. Starcher	475/380	1.95
39	12-68	Denver R. II & Deborah L. Starcher	475/380	51.41
40	12-53.2	Denver R. II & Deborah L. Starcher	475/380	11.96
41	12-53.3	Walter J. West	359/817	9.04
42	12-53	Walter J. West	359/817	18.33

Leases	
A	Raymond B. Heintzman, et ux
B	Nevin Porter, et al
C	Virginia A. Nalley
F	Virginia A. Nalley
G	The Norma T. Long Trust
H	The Norma T. Long Trust
I	Jerry R. Brightwell, et ux
J	Helen Heintzman, et vir
K	Bounty Minerals, LLC
M	David E. Maxwell, et ux
N	Lylyde S. & Melodee A. Matheny
P	Richard D. Lewis, et ux
Q	James O. McMullen, et ux
R	Connie Jo Vincent
S	Violet A. & Jeffery C. Moore
T	David E. & Shelley R. Maxwell
U	Terri K. & Brian K. Dennis
Y	Andrew Weekley
Z	Andrew Weekley
AA	Shirley G. Wilson
AB	Charles B. & Julie Yonaley
AC	David L. & Janice W. Kelly
AD	Michael E. & Courtney S. Blair
AE	Teresa J. Burgey
AF	Teresa J. Burgey
AG	Carolyn A. Landis
AH	Kenneth R. Barker
AJ	David E. Wells, et ux
AK	Rose Ann Lambert
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

FILE NO: 32-54-L-17  
 DRAWING NO: Jessica Unit 2H BHL MOD  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY:  
 Submeter  
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 WVDOT, Harrisville, WV

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: November 7 2024  
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 47 - 095 - 02900  
 STATE COUNTY PERMIT

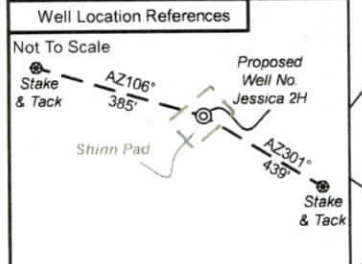
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**Well No. Jessica 2H**  
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Page  
1 of 2



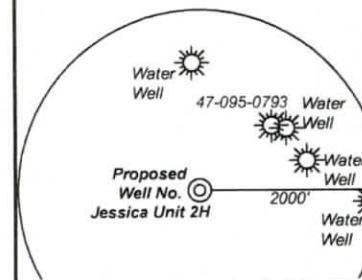
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*Bradley D. Miller*

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.

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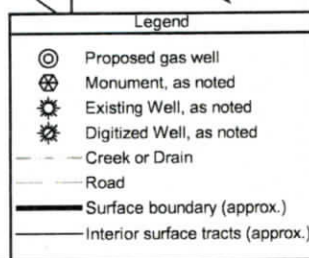
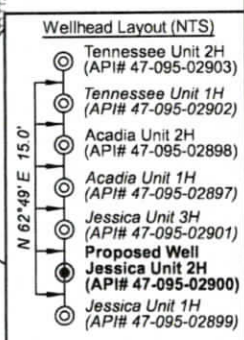
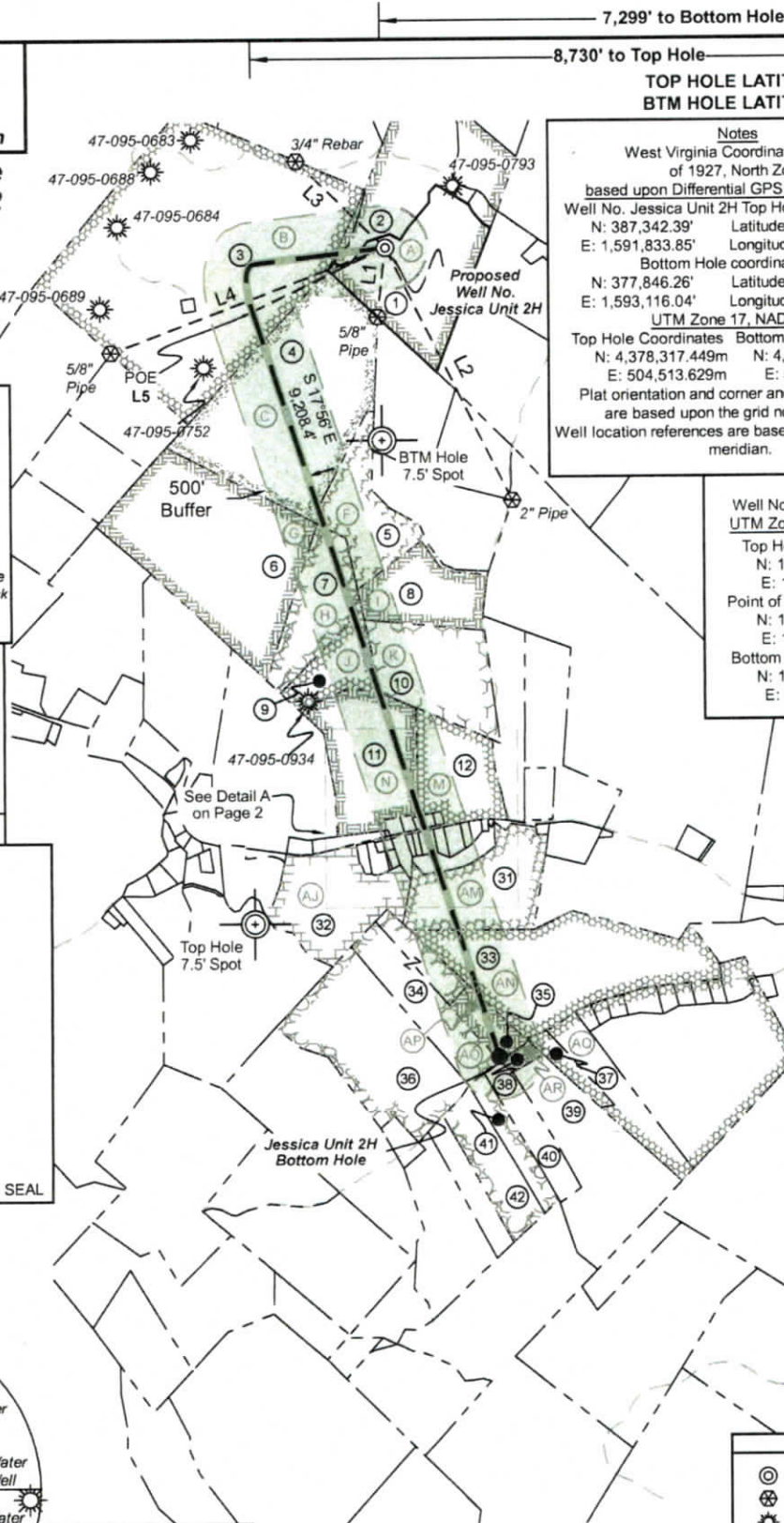
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 Denver, CO 80202 Bridgeport, WV 26330

*SMW*  
 11/21