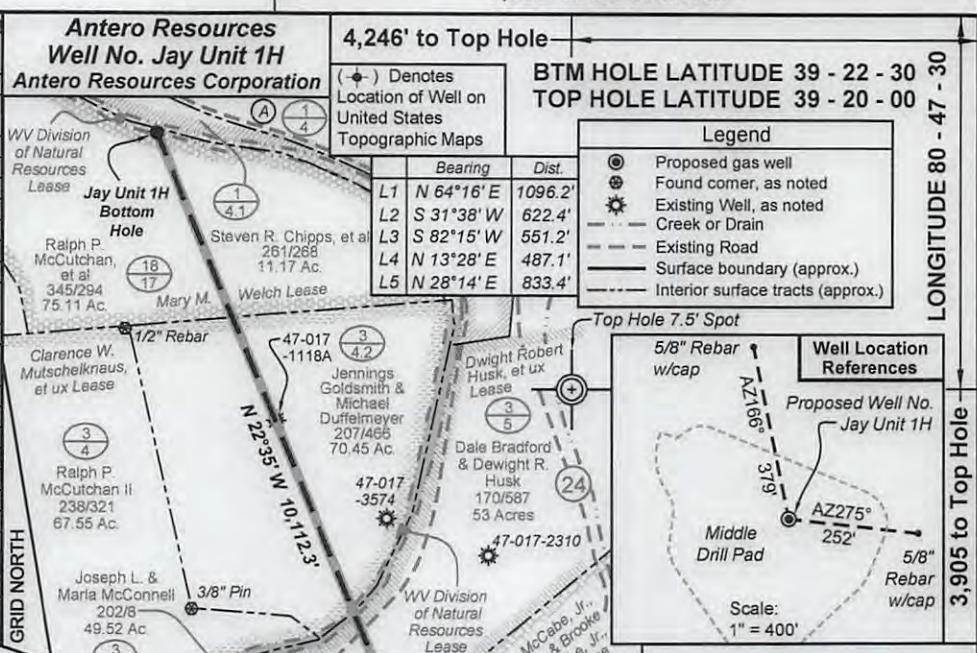
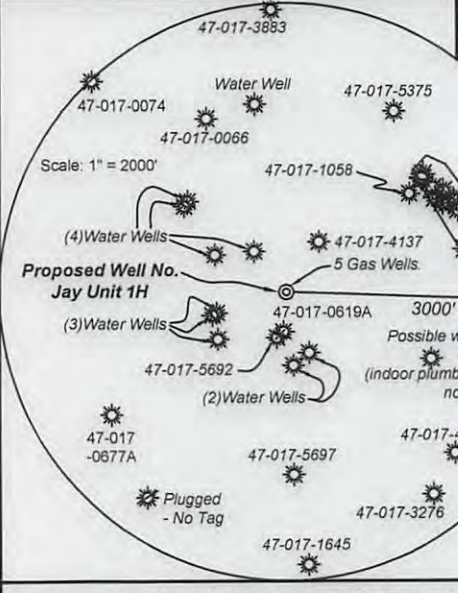
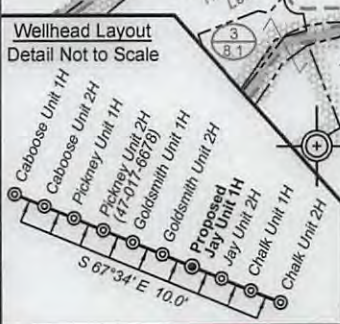


TM/Par	Bk/Pg	Acres	Owner(s)	
1	6/2.5	253/222	8.66	William Randall Lynch & Dixie Janet Craig
2	6/2.8	305/419	2.68	Dominion Field Services, Inc.
3	6/2.6	266/36	3.52	Equitrans, L.P.
4	6/1.3	305/416	4.68	Carol & Alfreda Painter
5	6/2.4	163/44	14.98	David J. & Debra S. Smith
6	6/2.3	197/659	6.00	Debra L. Stout
7	3/18.2	232/135	357.75	Joseph D. & Brittany C. McConnell
8	6/7	AP 35/212	3.46	Crystal Lake Club
9	7/4.2	293/340	4.19	Ronald O. & Barbara C. Moran
10	29/46	-/-	Lot 231	Shaun L. & Mary K. Cass
11	29/46.2	302/278	plb Lot 231	Janet M. Esposito & Scarlett C. Dennison
12	29/90	249/639	Lot 204	James L. & Patricia Reed
13	29/91	256/408	Lot 205	Douglas L. & Joyce M. Hall
14	29/92	260/127	Lot 206	Connie Ruckman
15	29/93	162/328	Lot 207	Glen H. Montgomery, et al
16	29/94	219/583	Lot 208	James W. & Lynda S. Beatty
17	29/95	219/583	Lot 209	William R. Lynch & Dixie J. Craig
18	3/23	WB 47/723	3.00	Randy K. Smith
19	3/19.1	265/582	7.00	Joel W. & Bonnie Ostroff
20	3/10.1	259/312	0.25	Antero Resources Corporation
21	6/2	214/279	32.19	Ronald Perry Gains, Perry Blackburn, Ryan Webb
22	6/2.7	294/473	2.16	John & Jennifer Layton
23	7/5	167/782	176.5	
24	3/17	349/553	25.9	
25	3/11	283/682	43.0	
26	3/18.4	286/473	16.58	

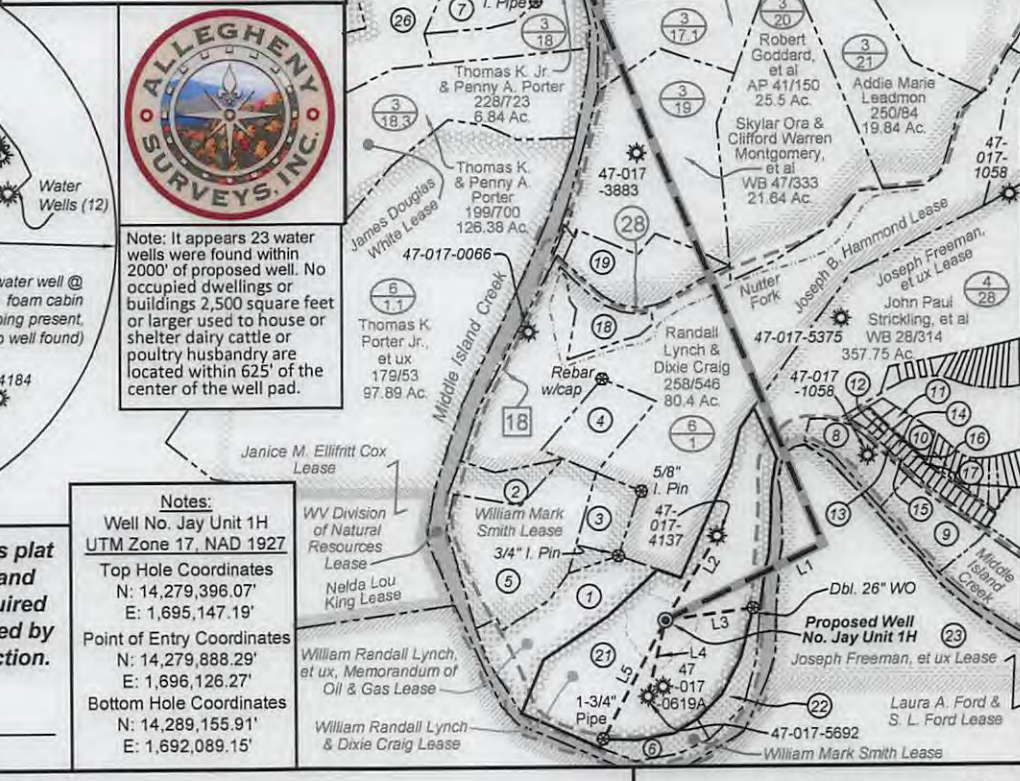


**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Jay Unit 1H Top Hole coordinates are  
 N: 302,237.85' Latitude: 39°19'20.80"  
 E: 1,630,402.70' Longitude: 80°48'23.31"  
 Bottom Hole coordinates are  
 N: 312,050.79' Latitude: 39°20'57.36"  
 E: 1,627,506.90' Longitude: 80°49'01.98"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,352,586.454m N: 4,355,561.243m  
 E: 516,696.324m E: 515,764.238m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.



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.

*Kenneth J. Plum*  
**Kenneth J. Plum, P.S. 2216**



FILE NO: 36-30-WU-15  
 DRAWING NO: Jay 1H Well Plat Mod New  
 SCALE: 1" = 1200'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: CORS, Marietta, OH

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

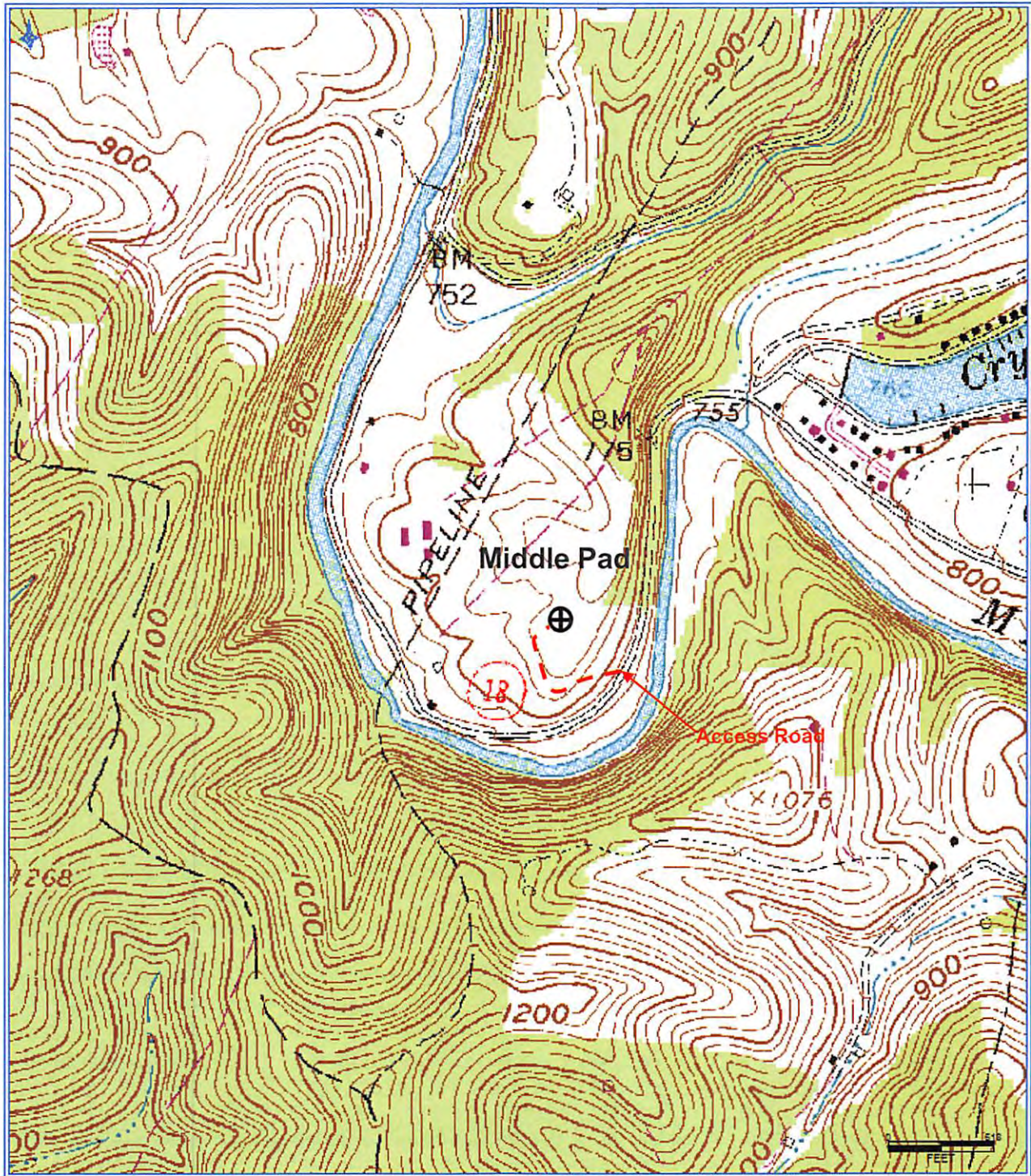
DATE: January 4, 2017  
 Operator's Well No. Jay Unit 1H  
 API WELL NO: 47-017-06822  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: Existing Grade - 848' Proposed Grade - 843' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union 5.15; 80  
 DISTRICT: West Union James Douglas White; Lewis Maxwell, et al; (2) WV Div. of Natural Resource COUNTY: Doddridge 56.07; 105  
 SURFACE OWNER: William Randall Lynch & Dixie Craig Joseph Freeman, et ux; William Randall Lynch & Dixie Craig ACREAGE: 32.19 82.21; 290  
 ROYALTY OWNER: R.E. McCabe Jr., Trustee & Brooke F. McCabe Jr. Agent; Joseph B. Hammond Mary M. Welch LEASE NO: ACREAGE: 75; 150; 168; 600

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 6,600' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 17,900' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road  
 Denver, CO 80202 Charleston, WV 25313



**Antero Resources Corporation**  
Appalachian Basin  
Jay Unit 1H  
Doddridge County  
Quadrangle: West Union  
Watershed: Middle Island Creek  
District: West Union  
Date: 2-24-2017