

TM/Par	Bk / Pg	Acres	Owner(s)
1	6/2.5	253/222	8.66 William R. Lynch/Dixie J. Craig
2	6/1	258/546	80.4 Randall Lynch & Dixie Craig
3	6/2.6	266/36	3.52 Dominion Field Services, Inc.
4	6/1.3	305/416	4.68 Equitrans, L.P.
5	3/17.1	358/652	9.90 Antero Resources Corporation
6	6/2.3	197/659	6.00 Carol & Alfreda Painter
7	4/28	WB 28/314	357.75 John Paul Strickling, et al
8	6/7	AP 35/212	3.46 Debra L. Stout
9	7/4.2	293/340	4.19 Joseph D. & Brittany McConnell
10	29/46	- / -	Lot 231 Crystal Lake Club
11	29/46.2	302/278	p/o Lot 231 Ronald O. & Barbara C. Moran
12	29/90	249/639	Lot 204 Shaun L. & Mary K. Cass
13	29/91	256/408	Lot 205 Janet M. Esposito & Scarlett C. Dennison
14	29/92	260/127	Lot 206 James L. & Patricia Reed
15	29/93	162/328	Lot 207 Douglas L. & Joyce M. Hall
16	29/94	219/583	Lot 208 Connie Ruckman
17	29/95	219/583	Lot 209 Glen H. Montgomery, et al
18	3/23	WB 47/723	3.00 James W. & Lynda S. Beatty
19	3/19.1	254/279	32.19 William R. Lynch & Dixie J. Craig
21	6/2	219/473	2.16 Randy K. Smith
22	6/2.7	294/473	2.16 Joel W. & Bonnie Ostroff
23	7/5	167/782	176.5 Antero Resources Corporation
24	3/17	349/553	25.9 Ronald Perry Gains, Perry Blackburn, Ryan Webb
25	3/11	283/682	43.0 Skylar Ora & Clifford Warren Montgomery, et al
26	3/19	WB 47/333	21.64 Robert Goddard, et al
27	3/20	AP 41/150	25.5 James W. & Lynda Beatty, et al
28	3/10	259/310	75.0 Thomas K. Jr. & Penny A. Porter
29	3/18	228/723	6.84 Mason Memorial Park
30	7/1	96/487	6.54 Robert P. Holden & Sherr Bailey
31	7/4.1	301/466	5.49 Steven R. Chippis, et al
32	1/4.1	261/268	11.17 Dale Bradford / Dewight R. Husk
33	3/5	170/587	53.0 David J. & Debra S. Smith
34	3/18.2	232/135	6.00

Lessors	
A	WV Division of Natural Resources Lease
B	William Mark Smith Lease
C	William Randall Lynch, et ux, Memorandum of Oil & Gas Lease
D	James Douglas White Lease
E	Lewis Maxwell, et al Lease
F	William Randall Lynch & Dixie Craig Lease

Antero Resources Well No. Jay Unit 2H
Antero Resources Corporation

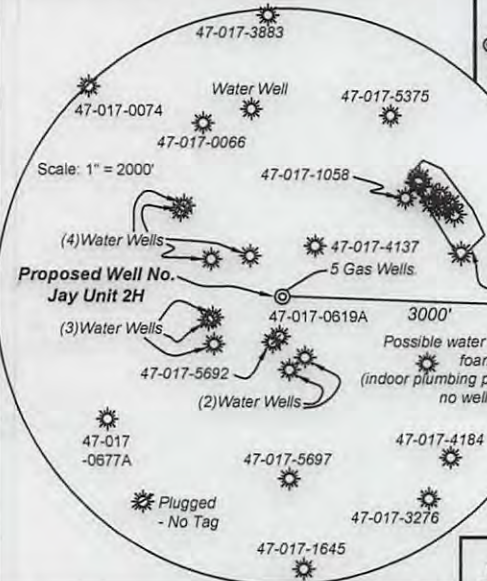
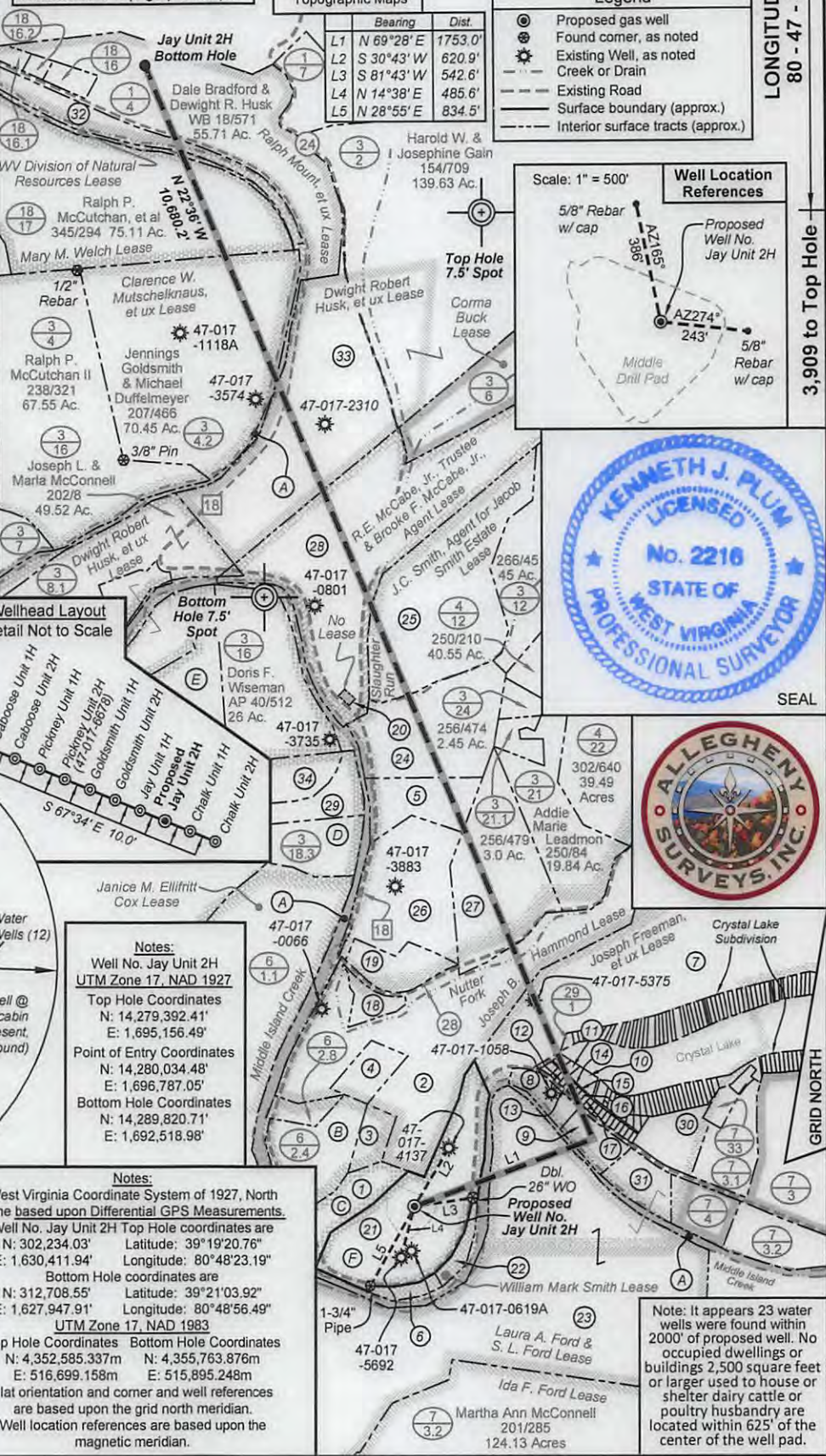
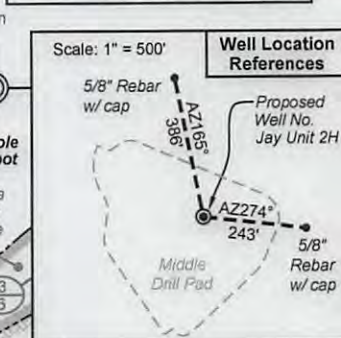
(+) Denotes Location of Well on United States Topographic Maps

4,236' to Top Hole

(+) Denotes Location of Well on United States Topographic Maps

BTM HOLE LATITUDE 39 - 22 - 30
TOP HOLE LATITUDE 39 - 20 - 00

Bearing	Dist
L1 N 69°28' E	1753.0'
L2 S 30°43' W	620.9'
L3 S 81°43' W	542.6'
L4 N 14°38' E	485.6'
L5 N 28°55' E	834.5'



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

Notes:
Well No. Jay Unit 2H UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,279,392.41' E: 1,695,156.49'
Point of Entry Coordinates
N: 14,280,034.48' E: 1,696,787.05'
Bottom Hole Coordinates
N: 14,289,820.71' E: 1,692,518.98'

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Jay Unit 2H Top Hole coordinates are
N: 302,234.03' Latitude: 39°19'20.76"
E: 1,630,411.94' Longitude: 80°48'23.19"
Bottom Hole coordinates are
N: 312,708.55' Latitude: 39°21'03.92"
E: 1,627,947.91' Longitude: 80°48'56.49"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,352,585.337m N: 4,355,763.876m
E: 516,699.158m E: 515,895.248m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

FILE NO: 36-30-WU-15
DRAWING NO: Jay 2H Well Plat Mod Xtn'd
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Marietta, OH

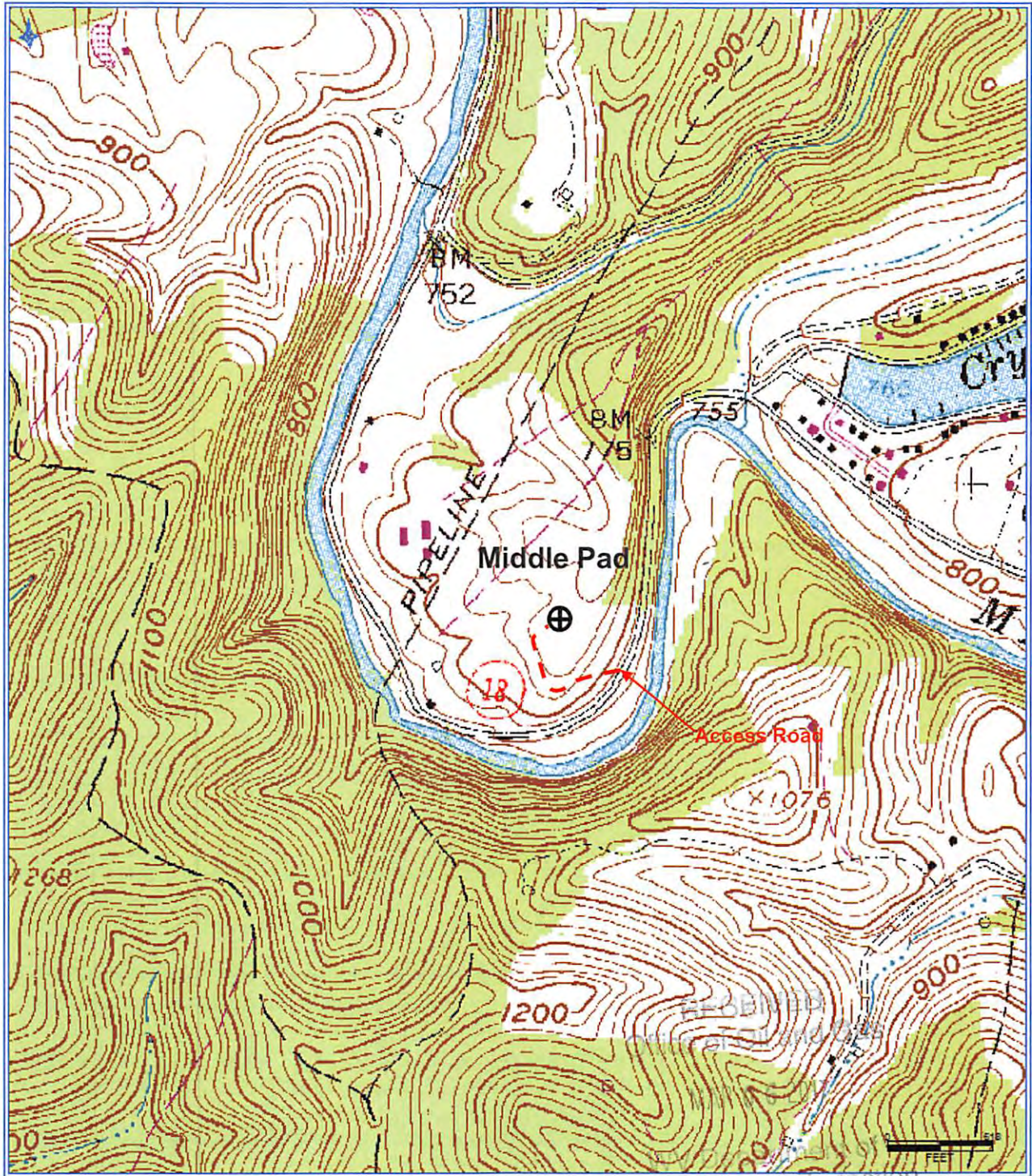
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: January 4 2017
Operator's Well No. Jay Unit 2H
API WELL NO 47 - 017 - 06823
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
DISTRICT: West Union (2) WV Div. of Natural Resources; Ralph Mount, et ux Joseph Freeman, et ux; William Randall Lynch & Dixie Craig
SURFACE OWNER: William Randall Lynch & Dixie Craig Dwight Robert Husk, et ux; Clarence W. Mutschelknaus, et ux J. C. Smith, Agent for Jacob Smith Estate; Mary M. Welch
ROYALTY OWNER: R.E. McCabe Jr., Trustee & Brooke F. McCabe Jr. Agent; Joseph B. Hammond LEASE NO: ACREAGE: 75; 56.07; 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: 18,700' 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



Environmental Protection

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