

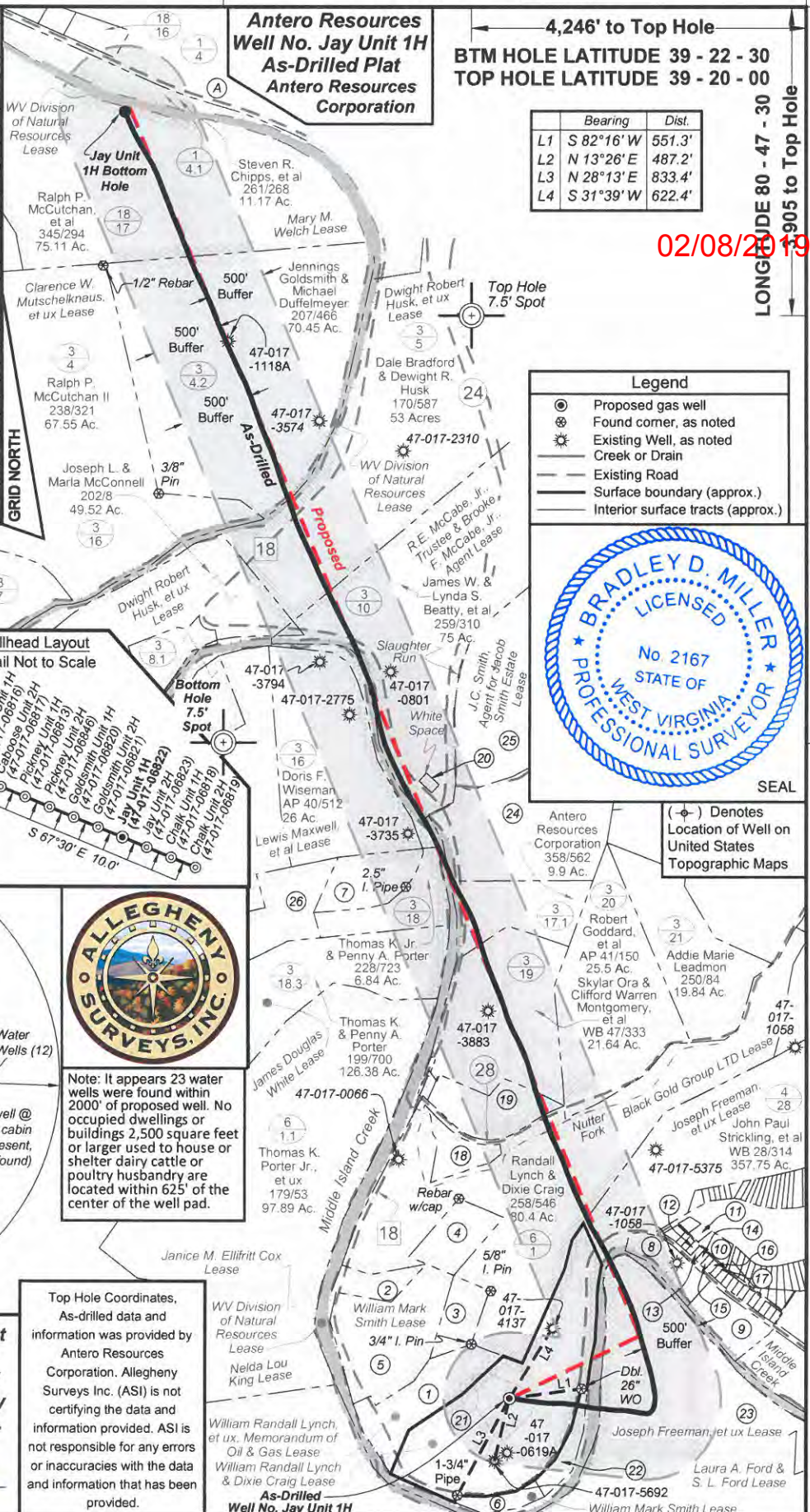
7,390' to Bottom Hole

4,246' to Top Hole

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

02/08/2019

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
11	29/46.2	302 / 278	p/o Lot 231
12	29/90	249 / 639	Lot 204
13	29/91	256 / 408	Lot 205
14	29/92	260 / 127	Lot 206
15	29/93	162 / 328	Lot 207
16	29/94	219 / 583	Lot 208
17	29/95	219 / 583	Lot 209
18	3/23	WB 47 / 723	3.00 Shaun L. & Mary K. Cass
19	3/19.1	265 / 582	7.00 Janet M. Esposito & Scarlett C. Dennison
20	3/10.1	259 / 312	0.25 James L. & Joyce M. Hall
21	6/2	214 / 279	32.19 Douglas L. & Patricia M. Reed
22	6/2.7	294 / 473	2.16 William R. Lynch & Dixie J. Craig
23	7/5	167 / 782	176.5 Randy K. Smith
24	3/17	349 / 553	25.9 Joel W. & Bonnie Ostroff
25	3/11	283 / 682	43.0 Antero Resources Corporation
26	3/18.4	286 / 473	16.58 Ronald Perry Gains, Perry Blackburn, Ryan Webb
A	Ralph Mount, et ux Lease		



	Bearing	Dist.
L1	S 82°16' W	551.3'
L2	N 13°26' E	487.2'
L3	N 28°13' E	833.4'
L4	S 31°39' W	622.4'

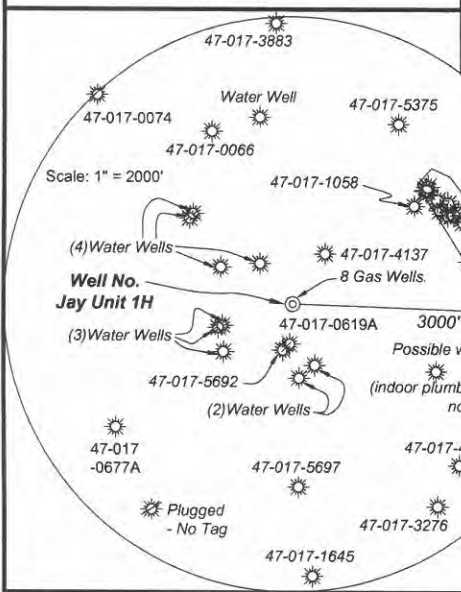
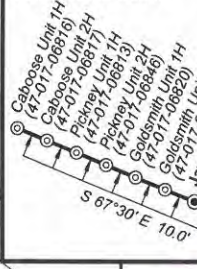
**Legend**

- Proposed gas well
- Found corner, as noted
- Existing Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)



**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Jay Unit 1H Top Hole coordinates are N: 302,237.96' Latitude: 39°19'20.80" E: 1,630,402.51' Longitude: 80°48'23.31"  
Bottom Hole coordinates are N: 312,000.75' Latitude: 39°20'56.86" E: 1,627,476.75' Longitude: 80°49'02.36"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,352,586.486m N: 4,355,545.844m  
E: 516,696.266m E: 515,755.307m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

**Wellhead Layout**  
Detail Not to Scale



Note: It appears 23 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.

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: 36-30-WU-15  
DRAWING NO: Jay 1H As-Drilled Well Plat  
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 16 2019  
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: As-Built Grade - 843' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union 20.49; 80; 56.07; 105;  
DISTRICT: West Union James Douglas White; Lewis Maxwell, et al; WV Div. of Natural Resource COUNTY: Doddridge 32.15; 53;  
SURFACE OWNER: William Randall Lynch & Dixie Craig Joseph Freeman, et ux; William Randall Lynch & Dixie Craig Dwight Robert Husk, et ux; Clarence W. Mutschelknaus, et ux ACREAGE: 32.19 82.21; 290;  
ROYALTY OWNER: R.E. McCabe Jr., Trustee & Brooke F. McCabe Jr. Agent; Black Gold Group, LTD; LEASE NO: ACREAGE: 75; 150;  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,420' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,943' 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