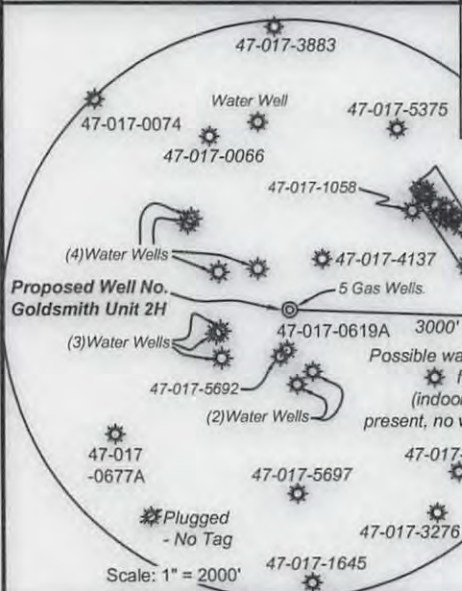




Antero Resources
Well No. Goldsmith Unit 2H
Antero Resources Corporation

TM/Par	Bk / Pg	Acres	Owner(s)
1	6/2	214 / 279	32.19
2	6/2.5	253 / 222	8.66
3	6/2.8	305 / 419	2.68
4	6/2.6	266 / 36	3.52
5	6/1.3	305 / 416	4.68
6	6/2.4	163 / 44	14.98
7	6/2.3	197 / 659	4.15
8	4/28	WB 28/314	357.75
9	3/18.4	286 / 473	16.58
10	3/18	228 / 723	6.84
11	3/18.2	232 / 135	6.00
12	3/23	WB 47/723	3.00
13	3/17.1	261 / 508	9.90
14	3/16	AP 40/512	26.00
15	3/19.1	265 / 582	7.00
16	3/19	WB 47/333	21.64
17	3/10	259 / 310	75.00
18	3/10.1	259 / 312	0.25
19	3/9	239 / 114	7.39
20	3/5	170 / 587	53.00
21	3/8	202 / 8	49.52
22	3/8.1	286 / 218	4.48



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.

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

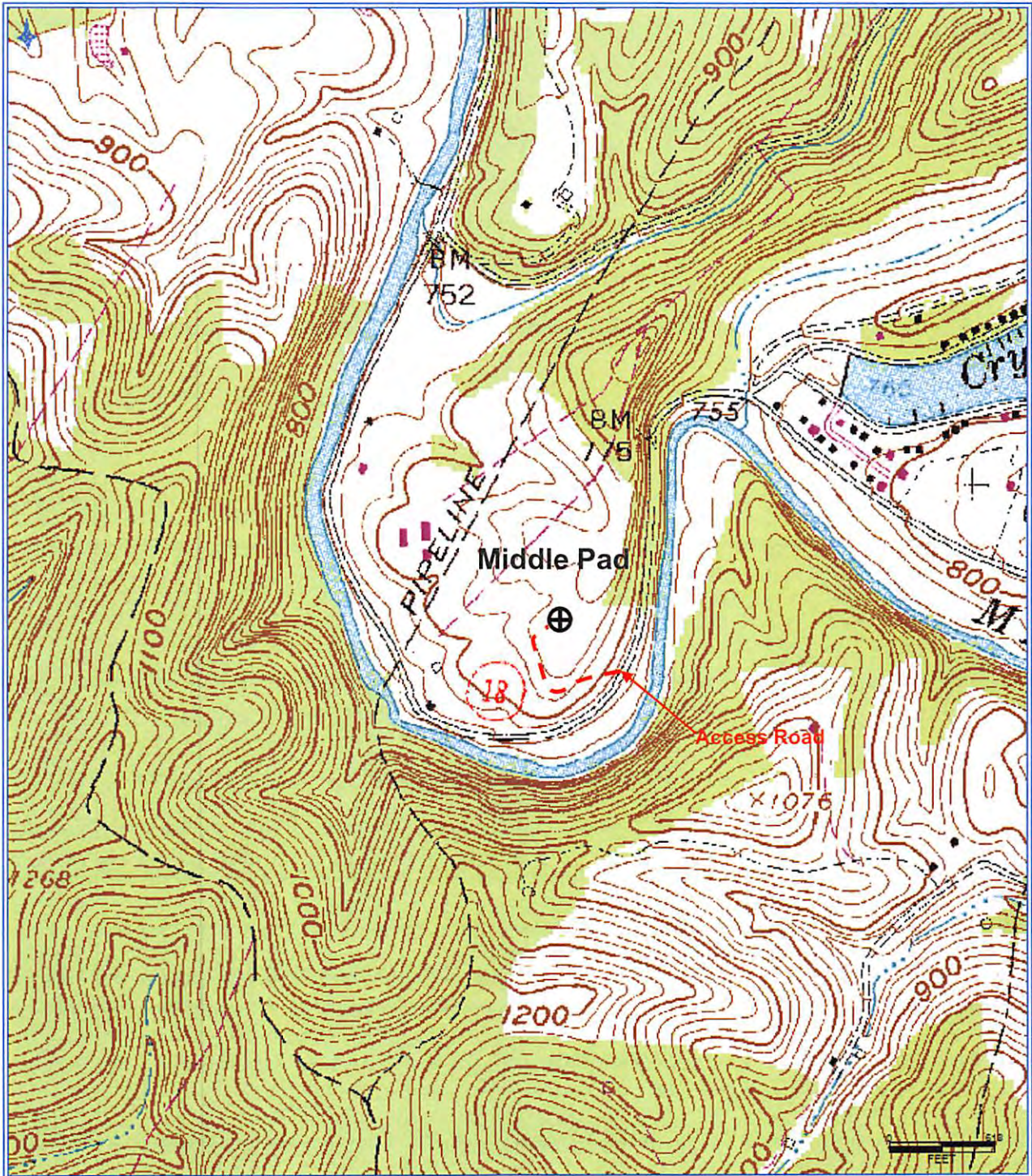
FILE NO: 201-30-WU-14
DRAWING NO: Goldsmith 2H Well Plat
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Marietta, OH

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

DATE: September 6 2016
Operator's Well No. Goldsmith Unit 2H
API WELL NO
47 - 017 - 06821
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 WV Division of Natural Resources; COUNTY: Doddridge 06/23/2017
SURFACE OWNER: William Randall Lynch & Dixie Craig; Joseph B. Hammond; William Randall Lynch & Dixie Craig; Dwight Robert Husk, et ux; Janice M. Ellifritt Cox; ACREAGE: 32.19 32.15; 78.75;
ROYALTY OWNER: Clarence W. Mutschelknaus, et ux; James Douglas White; Lewis Maxwell, et al LEASE NO: ACREAGE: 168; 61.361; 105
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: 16,300' 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
Goldsmith Unit 2H
Doddridge County
Quadrangle: West Union
Watershed: Middle Island Creek
District: West Union
Date: 2-24-2017