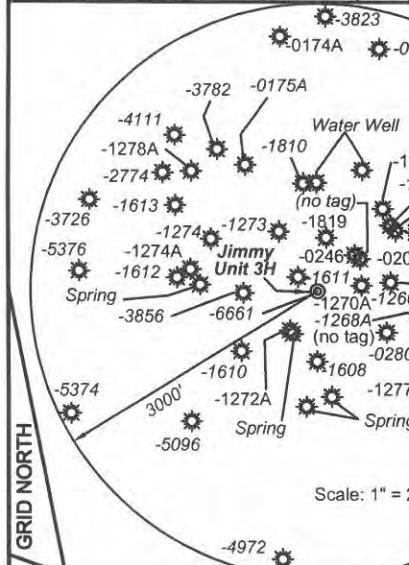


Antero Resources
Well No. Jimmy Unit 3H
As-Drilled Plat
Antero Resources Corporation

Tag	Par	Tax Map 4 Owner	Bk / Pg	Ac.
1	35	Matthew Alexander	276 / 12	5.89
2	29	Phillip S. Underwood Patricia Cooper Katherine S. Sisler	WB 51/709	0.46
3	24	Karen Ann Smith	248 / 254	35.34
4	23	Christian Church	49/71 & 72	0.85
5	30	Kathryn J. Sisler, et al	211/302	30.50
6	14.1	John M. & Andrea Fitzgerald	282/418	27.21



Note: 6 water wells and 4 springs 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: 50-30-WU-14
 DRAWING NO: Jimmy Unit 3H As-Drilled Plat
 SCALE: 1" = 1200'
 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: December 27 2018
 OPERATOR'S WELL NO. Jimmy Unit 3H
 API WELL NO
 47 - 017 - 06839
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1065' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
 DISTRICT: West Union COUNTY: Doddridge

SURFACE OWNER: John Paul Strickling, et al B.J. (Sally) Underwood Joseph Freeman, et ux
 ROYALTY OWNER: Charles C. Smith, et al; William Ashburn Heirs; William A. Farr LEASE NO: ACREAGE: 357.75 31; 450; 600
 ACRES: 120; 45.88; 36

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,773' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 15,925' 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

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Jimmy Unit 3H Top Hole coordinates are
 N: 305,688.92' Latitude: 39°19'55.82"
 E: 1,636,850.13' Longitude: 80°47'01.90"
 Bottom Hole coordinates are
 N: 297,829.77' Latitude: 39°18'38.72"
 E: 1,640,897.22' Longitude: 80°46'08.98"
UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,353,670.653m N: 4,351,296.948m
 E: 518,642.994m E: 519,915.881m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

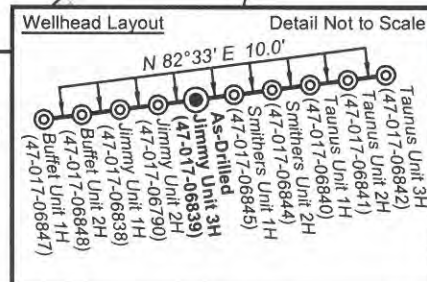
Legend

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

(⊕) Denotes Location of Well on United States Topographical Maps

	Bearing	Dist.
L1	N 88°46' E	746.8'
L2	N 50°56' E	989.1'
L3	S 65°25' E	1970.1'
L4	N 69°51' W	1212.7'

Top Hole Coordinates, as-drilled data and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.



LONGITUDE 80 - 45 - 00
 288' to Top Hole
 8,147' to Bottom Hole

9,583' to Top Hole

5,536' to Bottom Hole

LATITUDE 39 - 20 - 00