Antero Resources
Well No. Kelley Unit 1H
As-Drilled Plat
Antero Resources Corporation

Notes:

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.

Well No. Kelley Unit 1H Top Hole coordinates are
N: 276,580.35' Latitude: 39°15'13.78"
E: 1,679,357.60' Longitude: 80°37'56.29"
Bottom Hole coordinates are
N: 271,278.99' Latitude: 39°14'21.47"
E: 1,680,033.43' Longitude: 80°37'46.85"

UTM Zone 17, NAD 1983

Top Hole Coordinates	Bottom Hole Coordinates
N: 4,345,018.936m	N: 4,343,407.308m
E: 531,740.930m	E: 531,973.754m

Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

2,240' to Top Hole

1,374' to Bottom Hole

TOP HOLE LATITUDE 39 - 17 - 30
BTM HOLE LATITUDE 39 - 15 - 00

LONGITUDE 80 - 37 - 30

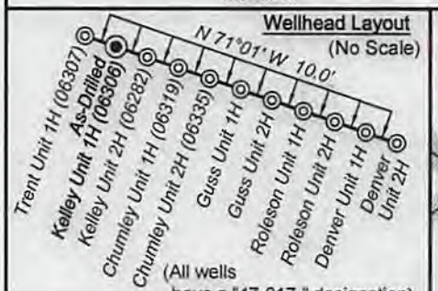
3,881 to Bottom Hole

13,754' to Top Hole

GRID NORTH

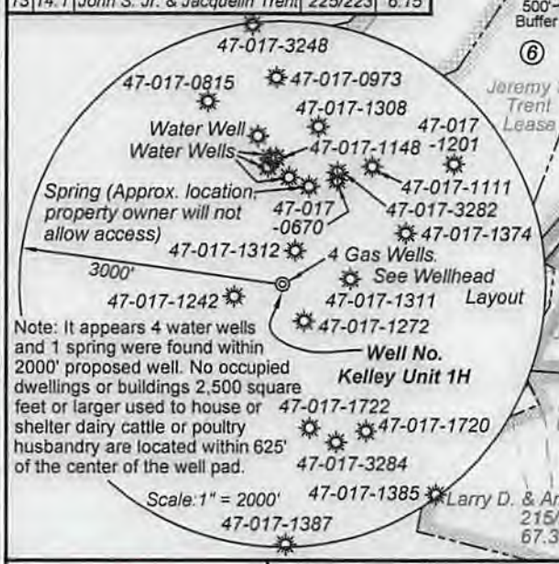
	Par.	Tax Map 3 Owner	DB/Pg.	Acres
1	42.1	Rodney H. & Terry L. Trent	270/439	7.05
2	37.4	Rodney H. & Terry L. Trent	215/49	12.97
3	37.6	Stephen M. Kelley	253/698	2.00
4	37	Loretta C. Kelley	235/543	1.64
5	37.1	John & Mary Anderson	242/612	0.23
6	42	Jeremy S. Trent	254/21	34.16

Wellhead Layout (No Scale)



(All wells have a "47-017-" designation)

	Par.	Tax Map 3 Owner	DB/Pg.	Acres
7	22.2	Sharon M. Davis	198/595	5.09
8	22.7	Linda Burnside	198/607	7.62
9	22.6	Eugene Errol Lloyd	198/604	2.65
10	22.5	Eugene Errol Lloyd	286/360	2.80
11	22.4	Eugene Errol Lloyd	286/360	2.02
12	31	Carl F. Ringer	218/166	27.25
13	14.1	John S. Jr. & Jacquelin Trent	225/223	6.15



Note: It appears 4 water wells and 1 spring were found within 2000' 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.

	Bearing	Dist.
L1	S 25°18' W	412.5'
L2	N 58°27' E	506.3'
L3	N 32°53' W	514.6'
L4	N 64°03' W	538.0'

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

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, P.S. 2216

KENNETH J. PLUM LICENSED No. 2216 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR SEAL

ALLEGHENY SURVEYS, INC.

Top Hole coordinates verified by survey grade GPS. 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.

FILE NO: 105-30-G-13
DRAWING NO: Kelley 1H Well Plat As-Drill
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

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

DATE: July 13 2017
OPERATOR'S WELL NO. Kelley Unit 1H

API WELL NO
47 - 017 - 06306
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Existing Grade - 1248' Original Grade - 1269' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: New Milton & Smithburg
DISTRICT: Greenbrier COUNTY: Doddridge
SURFACE OWNER: John S. Jr. & Jacquelin S. Trent; Irene Gain, et al; Carl F. Ringer (2) ACREAGE: 97.60; 62.25; 100
ROYALTY OWNER: John L. Snider & Christine A. Snider; Catherine L. Smith, et al LEASE NO: ACREAGE: 98.9; 65; 27.25
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale DEPTH: 7,351' TVD 12,572' MD

11/10/2017

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