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

9,437' to Bottom Hole

3,564' to Top Hole

LATITUDE 39 - 15 - 00

LONGITUDE 80 - 32 - 30

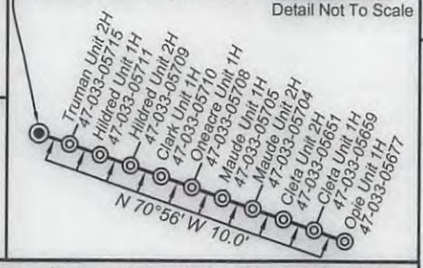
10,011' to Top Hole

7,286' to Bottom Hole

Legend

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

Truman Unit 1H 47-033-05714 Wellhead Layout
Detail Not To Scale



Notes:

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

Well No. Truman Unit 1H Top Hole coordinates are
N: 264,864.29 Latitude: 39°13'20.64"
E: 1,701,441.95 Longitude: 80°33'13.81"
Bottom Hole coordinates are
N: 267,589.53 Latitude: 39°13'46.89"
E: 1,695,568.82 Longitude: 80°34'28.85"

UTM Zone 17, NAD 1983

Top Hole Coordinates:	Bottom Hole Coordinates:
N: 4,341,561.889m	N: 4,342,362.288m
E: 538,528.552m	E: 536,725.430m

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

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

Tax Map 8 Parcels				
	Par	Owner	DB/Pg	Acres
1	8.2	Zak S. Henry	287/209	0.34
2	20	Penny Freeman Jones	245/500	2.21
3	8	Barbara E. Hart	WB42/503	18.03
4	8.1	Barbara E. Hart	WB42/503	0.5
5	10.3	Butterfly Evolution Trust	250/468	27.8
6	11.11	Joseph & Linda MartinTrust	217/549	0.11
7	8.3	Stephanie D. Moore	277/244	0.49

Tax Map 361 Parcels				
	Par	Owner	DB/Pg	Acres
11	4	Lucille Devericks	WB167/23	9.84
12	3	Lucille Devericks	WB167/23	9.70
13	5	Steve C. Kovar Jr.	1140/1150	77.87

Notes: It appears 5 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.

(11) Gas Wells. See Wellhead Layout Detail Above

Scale: 1" = 2000'

GRID NORTH

TOP HOLE DETAIL (No Scale)

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.

ALLEGHENY SURVEYS, INC.

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

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

Line	Bearing	Distance
L1	S 06°03' E	810.2'
L2	N 39°18' W	960.7'
L3	N 21°03' E	1296.7'
L4	N 36°46' E	1875.0'

FILE NO: 233-30-G-12
DRAWING NO: 233-12 Truman Drilled 1H
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

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

DATE: March 2 2017
OPERATOR'S WELL NO. Truman Unit 1H

API WELL NO:
47 - 033 - 05714 F
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Existing Grade - 1405' Original Grade - 1416' WATERSHED: Tenmile Creek QUADRANGLE: Big Isaac
DISTRICT: Union COUNTY: Harrison 08/04/2017
SURFACE OWNER: Gerald & Louella Corder; James Ross, et ux; Wendell Calhoun, et ux, et al ACREAGE: 82
ROYALTY OWNER: Maude D. Day, et al; Denzil O. Freeman, et ux, et al LEASE NO: DAD038064; DAD40725/001; CWM #268 ACREAGE: 147; 76; 50; 125
PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☐ PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale TVD 7,513' DEPTH: MD 13,759'

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