

**Antero Resources**  
**Well No. Convair Unit 1H**  
**Antero Resources Corporation**

**Notes:**  
 Well No. Convair Unit 1H  
 UTM Zone 17, NAD 1927  
 Top Hole Coordinates  
 N: 14,284,236.00'  
 E: 1,703,920.49'  
 Point of Entry Coordinates  
 N: 14,284,391.37'  
 E: 1,704,233.74'  
 Bottom Hole Coordinates  
 N: 14,276,618.56'  
 E: 1,707,395.03'

7,386' to Top Hole  
 3,826' to Bottom Hole  
**TOP HOLE LATITUDE 39 - 22 - 30**  
**BTM HOLE LATITUDE 39 - 20 - 00**

**Notes:**  
 West Virginia Coordinate System of 1927, North Zone  
 based upon Differential GPS Measurements.  
 Well No. Convair Unit 1H Top Hole coordinates are  
 N: 306,932.40' Latitude: 39°20'08.45"  
 E: 1,639,258.62' Longitude: 80°46'31.47"  
 Bottom Hole coordinates are  
 N: 299,255.38' Latitude: 39°18'53.04"  
 E: 1,642,606.79' Longitude: 80°45'47.49"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,354,061.742m N: 4,351,739.964m  
 E: 519,370.422m E: 520,429.457m  
 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
- Well (as noted)
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Surface tracts (approx.)

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

**Bottom Hole**  
 7.5' Spot

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.

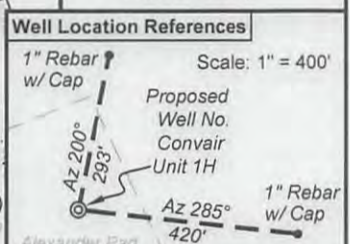
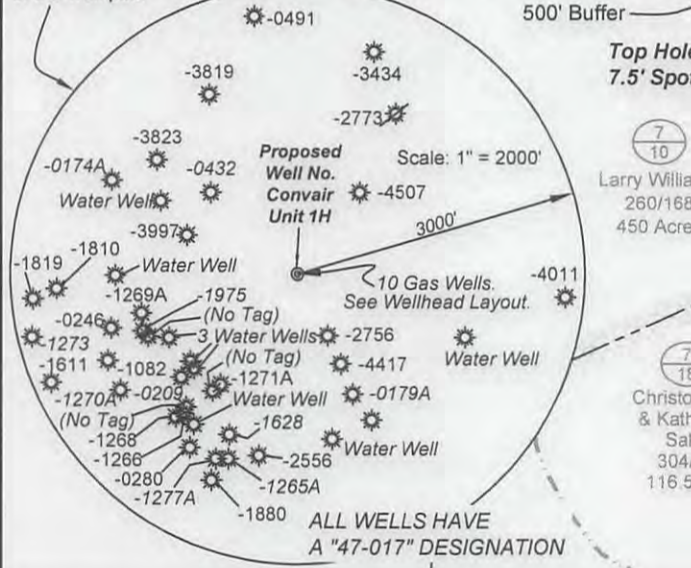
*Kenneth J. Plum*  
**Kenneth J. Plum, P.S. 2216**



Bearing	Dist.
L1 N 64°35' E	349.8'
L2 N 44°45' W	757.9'
L3 N 66°39' W	647.6'
L4 N 36°17' E	1380.0'
L5 N 25°43' W	999.7'

No	TM-Par	Owner	Bk/Pg	Acres
1	4-34.4	Matthew W. Alexander & Linda Marie Muhly	320/629	4.50
2	4-32	Matthew W. Alexander & Linda Marie Muhly	241/412	43.94
3	4-30	Kathryn J. Sisler, et al	211/302	30.50
4	7-29	Steve T. & Sharon Gaspar	220/005	182.67
5	4-32.1	Andy H. & Carrie K. Kurtz	349/322	20.00

Note: It appears 9 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.



FILE NO: 47-30-WU-14  
 DRAWING NO: Convair 1H Well Plat 07-16  
 SCALE: 1" = 1000'  
 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: November 15, 20 17  
 Operator's Well No. Convair Unit 1H  
 API WELL NO  
 47 - 017 - 06858  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Existing Grade - 1195' Proposed Grade - 1181' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union  
 DISTRICT: West Union Matthew W. Alexander & Linda Marie Muhly H. Ross Swiger, et ux; Joseph Freeman, et ux COUNTY: Doddridge 03/16/2018  
 SURFACE OWNER: William Ashburn Heirs; Alice Marie Simunick ACREAGE: 43.94 120; 45.0; 45.8  
 ROYALTY OWNER: Larry Williams; Carole Hanlon; Charles C. Smith, et al; William A. Farr LEASE NO: ACREAGE: 60; 428.51; 71.5

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Modification - Add Curve to POE  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,500' TVD 16,500' 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