

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

No.	Par	Tax Map 4 Owner	Bk/Pg	Acres
1	-	Matthew W. Alexander & Linda Marie Muhly	320 / 629	4.50
2	32	Matthew W. Alexander & Linda Marie Muhly	241 / 412	63.94
3	30	Kathryn J. Sisler, et al	211 / 302	30.50
4	34.2	Walter J. & Loretta Fox	206 / 555	6.95

**Notes:**  
**West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.**  
 Well No. Convair Unit 1H Top Hole coordinates are  
 N: 306,969.33' Latitude: 39°20'08.81"  
 E: 1,639,243.30' Longitude: 80°46'31.67"  
 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: 4,354,072.915m N: 4,351,739.964m  
 E: 519,365.567m 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.

Bearing	Dist.
L1 N 85°46' E	365.6'
L2 N 43°40' W	795.1'
L3 N 64°18' W	676.9'
L4 N 34°53' E	1401.1'
L5 N 25°36' W	1039.6'

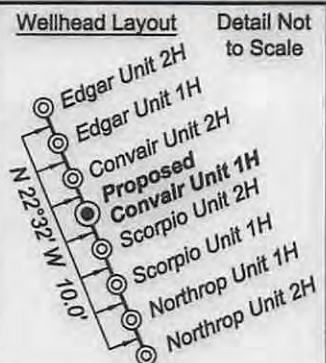
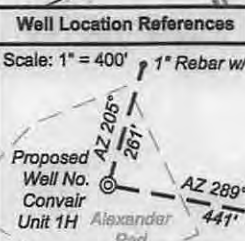
(⊙) Denotes Location of Well on United States Topographic Maps

**Note "A"**  
 Tangent Point  
 N: 306,996.27'  
 E: 1,639,607.95'

**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**

Note: 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.



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



FILE NO: 47-30-WU-14  
 DRAWING NO: 47-14 Convair 1H Well Plat  
 SCALE: 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

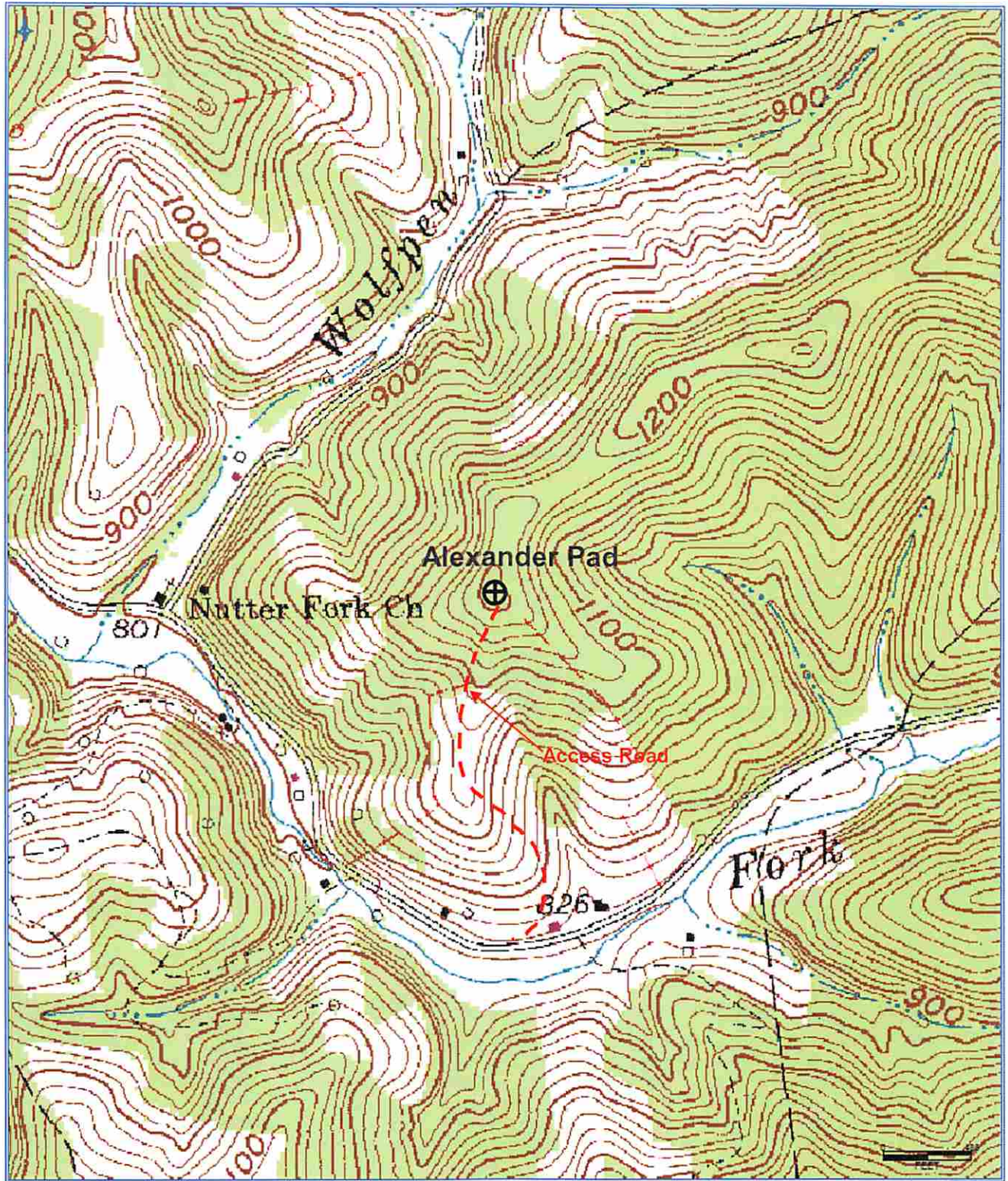
**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: October 9 20 14  
 Operator's Well No. Convair Unit 1H  
 API WELL NO **H6A**  
 47 - 017 - **01670**  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1181' WATERSHED: Nutter Fork of Middle Island Creek QUADRANGLE: West Union  
 DISTRICT: West Union COUNTY: Doddridge  
 SURFACE OWNER: Matthew W. Alexander & Linda Marie Muhly William Ashburn Heirs; EXCO ACREAGE: 63.94 120; 54.125 450; 45.8  
 ROYALTY OWNER: Larry Williams; Carole Hanlon; Charles C. Smith, et al; William A. Farr LEASE NO: ACREAGE: 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)  
 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

01/23/2015



Received  
Office of Oil & Gas

OCT 31 2014

**Antero Resources Corporation**

Appalachian Basin

Convair Unit 1H

Doddridge County

Quadrangle: West Union

Watershed: Middle Island Creek

District: West Union

Date: 6-2-2014