

**Antero Resources**  
Well No. Convair Unit 2H  
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

7,405' to Top Hole  
3,217' 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 2H Top Hole coordinates are  
N: 306,978.57' Latitude: 39°20'08.90"  
E: 1,639,239.47' Longitude: 80°46'31.72"  
Bottom Hole coordinates are  
N: 299,486.03' Latitude: 39°18'55.41"  
E: 1,643,215.78' Longitude: 80°45'39.78"  
**UTM Zone 17, NAD 1983**  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,354,075.711m N: 4,351,813.332m  
E: 519,364.353m E: 520,613.814m  
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 75°48' E	1022.2'
L2 N 43°24' W	804.4'
L3 N 63°44' W	684.4'
L4 N 34°33' E	1406.5'
L5 N 25°34' W	1049.6'

Bottom Hole 7.5' Spot  
(•) Denotes Location of Well on United States Topographic Maps

Note "A" Tangent Point  
N: 307,229.28'  
E: 1,640,230.45'

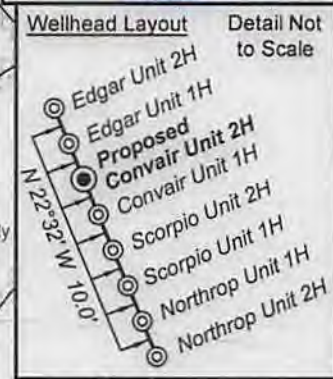
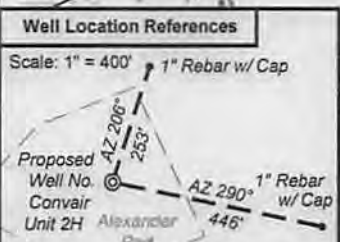
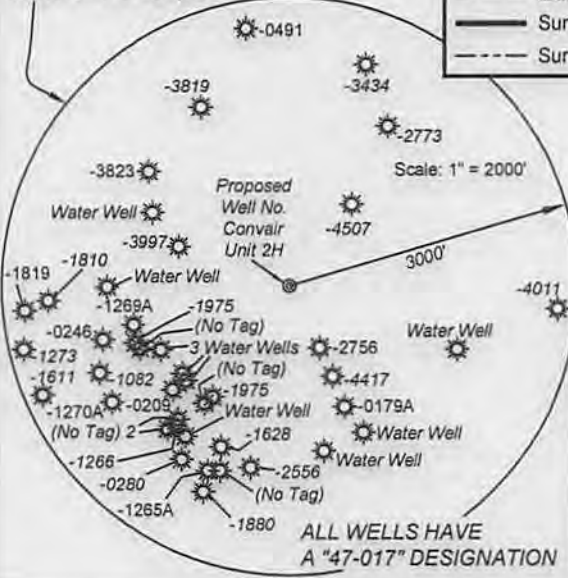


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.  
*Kenneth J. Plum*  
Kenneth J. Plum, P.S. 2216

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 2H Well Plat  
SCALE: 1" = 1000'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

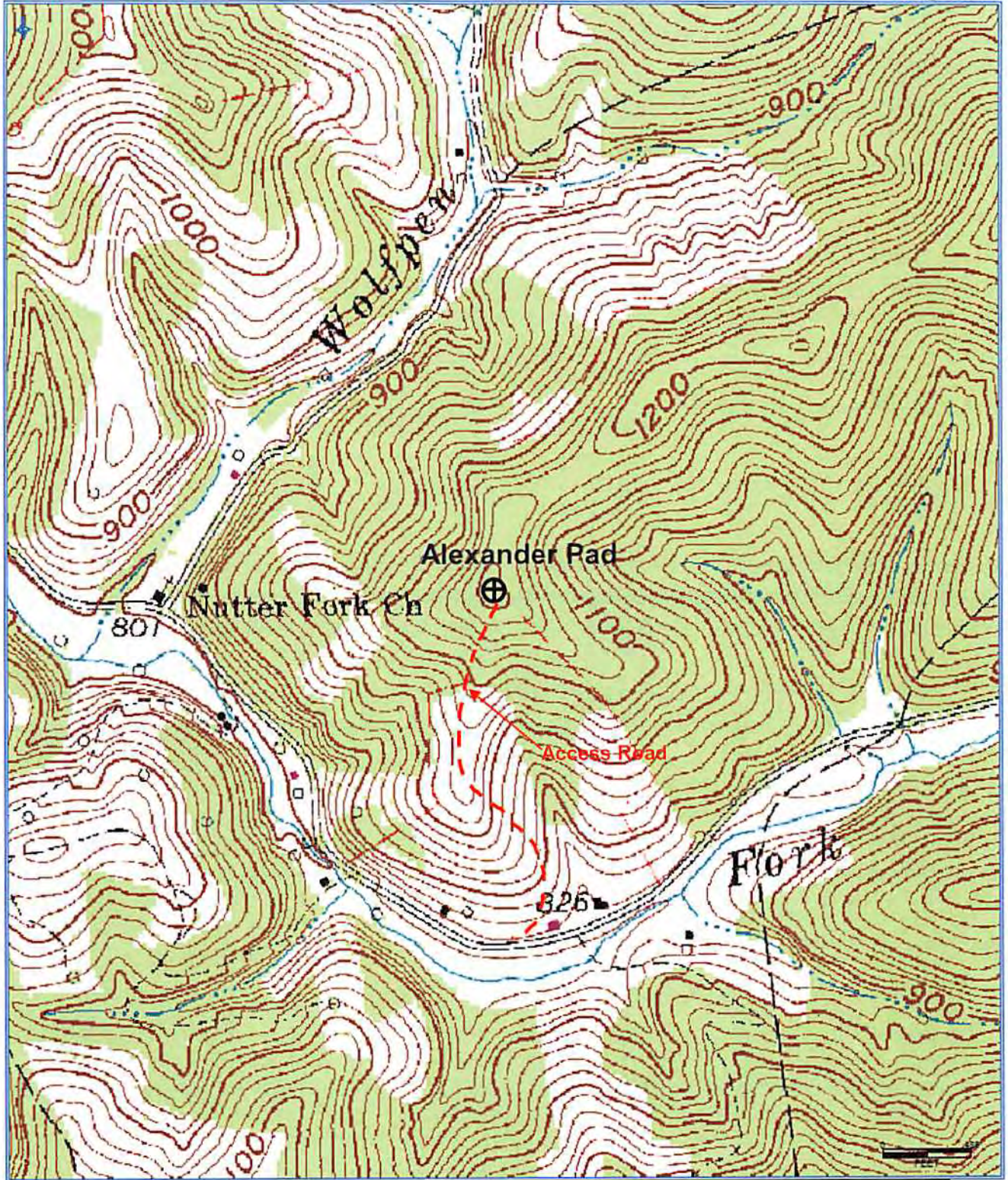
**STATE OF WEST VIRGINIA**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: May 29 20 14  
Operator's Well No. Convair Unit 2H  
API WELL NO  
47 - 017 - 06538 HWA  
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 ACREAGE: 63.94 120; 40  
ROYALTY OWNER: Clyde F. Smith, et al; Carole Hanlon; Larry Williams; William Ashburn Heirs LEASE NO: ACREAGE: 45.8; 450  
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

08/01/2014



Received

JUN 12 2014

Office of Oil and Gas  
WV Dept. of Environmental Protection

**Antero Resources Corporation**

Appalachian Basin

Convair Unit 2H

Doddridge County

Quadrangle: West Union

Watershed: Middle Island Creek

District: West Union

Date: 6-2-2014