

9,728' to Bottom Hole

7,409' to Top Hole

LATITUDE 39 - 22 - 30

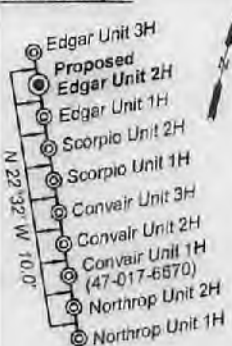
LONGITUDE 80 - 45 - 00

14,163' to Top Hole

Antero Resources  
Well No. Edgar Unit 2H  
Antero Resources Corporation

(\*) Denotes Location of Well on  
United States Topographical Maps

Wellhead Layout



Detail Not to Scale

Notes:  
Well No. Edgar Unit 2H  
UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,284,291.00'  
E: 1,703,896.60'  
Point of Entry Coordinates  
N: 14,284,816.37'  
E: 1,704,787.91'  
Bottom Hole Coordinates  
N: 14,293,089.31'  
E: 1,701,430.94'



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: 40-30-WU-14  
DRAWING NO: Edgar 2H Well Plat 11-16  
SCALE: 1" = 1200'  
MINIMUM DEGREE OF ACCURACY:  
Submeter  
PROVEN SOURCE OF ELEVATION:  
WVDOT, Harrisville, WV

Bearing Dist.

L1	N 60°26' E	1035.0'
L2	N 43°09' W	813.8'
L3	N 63°12' W	691.9'
L4	S 38°28' W	1052.5'
L5	N 25°32' W	1059.6'

Well Location References  
Scale: 1" = 400'

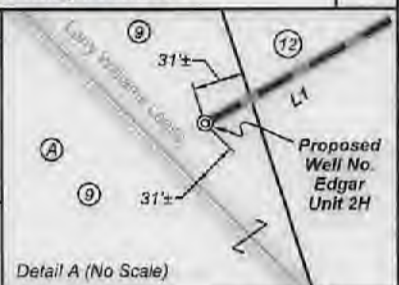


Notes:  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Edgar Unit 2H Top Hole coordinates are  
N: 306,987.81' Latitude: 39°20'08.99"  
E: 1,839,235.64' Longitude: 80°46'31.78"  
Bottom Hole coordinates are  
N: 315,829.10' Latitude: 39°21'38.05"  
E: 1,836,916.29' Longitude: 80°47'02.90"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,354,078.506m N: 4,356,760.222m  
E: 519,363.139m E: 518,611.610m  
Plat orientation on 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*  
Kenneth J. Plum, P.S. 2216

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



TM-Par	Bk/Pg	Acres	Surface Owner(s)
1	2-9	WB56/465	115.75 Charles C. Hittell, III, et al
2	4-9	282/181	7.16 Scott Adams, Gregory Adams, David Adams, & Jennifer Adams McFall
3	4-10	282/181	7.91
4	4-2	282/181	0.90
5	4-17.1	299/145	20.44 Bryan Edwin & Patricia Natalia Hagedorn
6	4-17	256/621	19.70 David P. & Melissa A. Smith
7	4-11	195/237	7.19 Gary Lynn McMillan
8	4-24	248/254	35.34 Karen Ann Smith
9	4-32	241/412	43.94 Matthew W. Alexander & Linda Marie Muhly
10	4-16	248/254	26.01 Karen Ann Smith
11	4-30	211/302	30.50 Kathryn J. Sisler, et al
12	4-34.4	320/629	4.50
13	4-32.1	349/322	20.00 Andy H. & Carra K. Kurtz



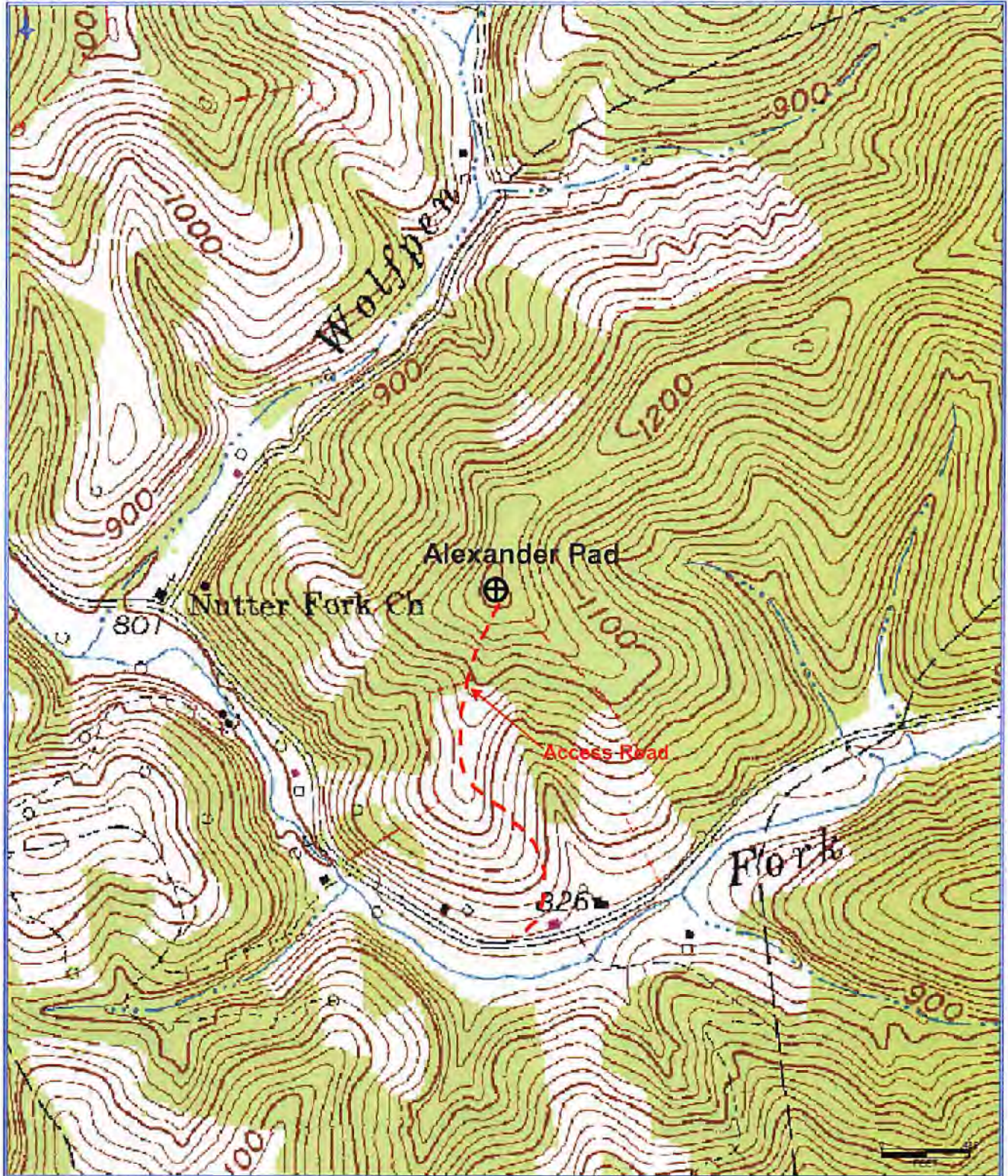
STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL AND GAS DIVISION

DATE: January 4 20 17  
Operator's Well No. Edgar Unit 2H  
API WELL NO  
47 - 017 - 06855  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: Existing Grade - 1203' Proposed Grade - 1181' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union  
DISTRICT: West Union COUNTY: Doddridge  
SURFACE OWNER: Matthew W. Alexander & Linda Marie Muhly Clarence W. Mutschelknaus L. Ray Ash & Delsie M. Ash; Lourie Smith Gary Lynn McMillan and Pamela S. McMillan ACREAGE: 43.94 58.65 7.19 31; 115; 72  
ROYALTY OWNER: Silas Spencer, et ux; H. Ross Swiger, et ux; Joseph Freeman, et ux; Larry Williams LEASE NO: ACREAGE: 48.38; 57; 428.51  
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 17,000' 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





**Antero Resources Corporation**  
Appalachian Basin  
Edgar Unit 2H  
Doddridge County  
Quadrangle: West Union  
Watershed: Middle Island Creek  
District: West Union  
Date: 6-2-2014