

9,547' to Bottom Hole

7,412 to Top Hole

LATITUDE 39 - 22 - 30

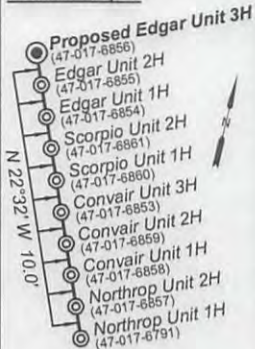
LONGITUDE 80 - 45 - 00

3,722' to Bottom Hole

14,154' to Top Hole

### Antero Resources Well No. Edgar Unit 3H Antero Resources Corporation

#### Wellhead Layout

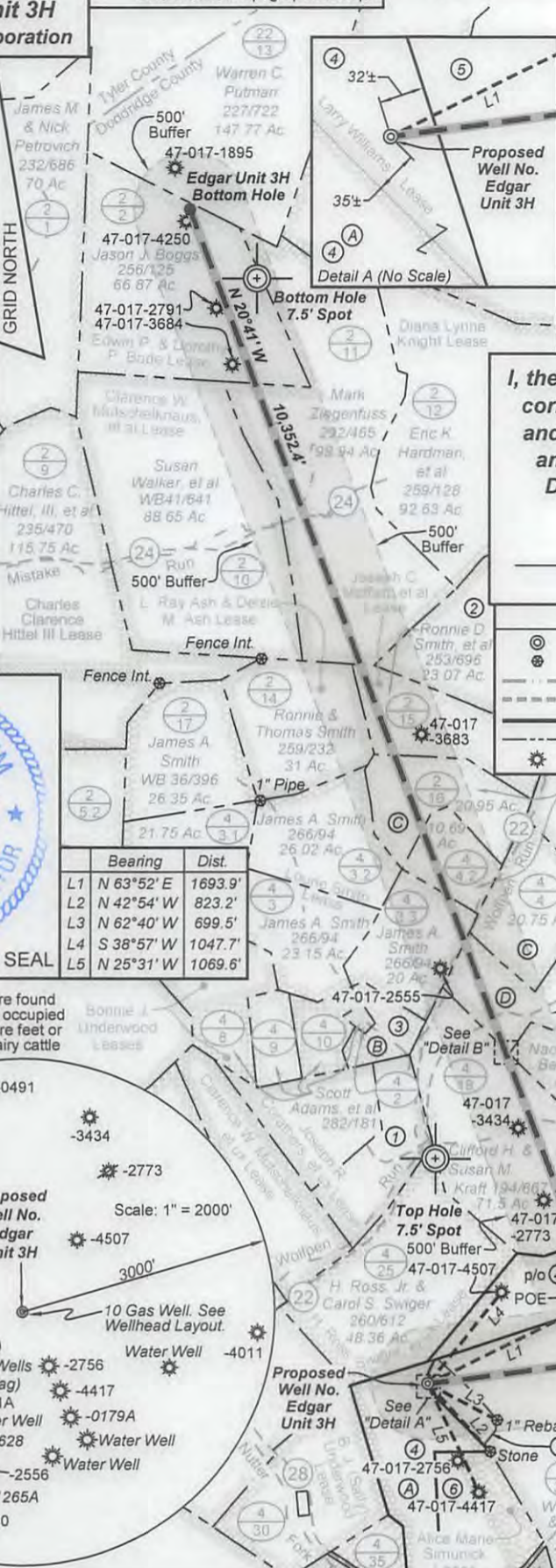


Detail Not to Scale

**Notes:**  
Well No. Edgar Unit 3H  
UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,284,300.17'  
E: 1,703,892.62'  
Point of Entry Coordinates  
N: 14,285,071.34'  
E: 1,705,400.09'  
Bottom Hole Coordinates  
N: 14,294,691.17'  
E: 1,701,584.86'



Denotes Location of Well on United States Topographical Maps



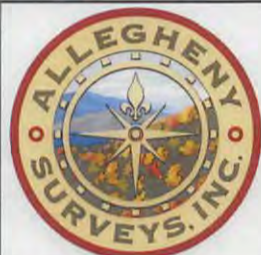
**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Edgar Unit 3H Top Hole coordinates are  
N: 306,997.05' Latitude: 39°20'09.08"  
E: 1,639,231.81' Longitude: 80°46'31.83"  
Bottom Hole coordinates are  
N: 317,428.73' Latitude: 39°21'51.88"  
E: 1,637,096.97' Longitude: 80°47'00.89"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,354,081.302m N: 4,357,248.474m  
E: 519,361.925m E: 518,658.524m  
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

#### Legend

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

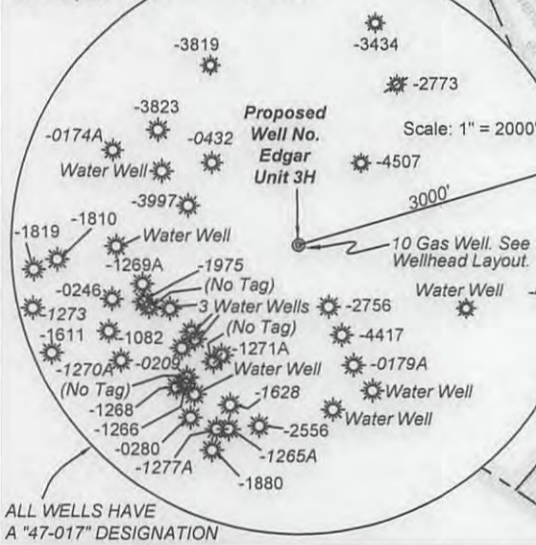


Bearing	Dist.
L1 N 63°52' E	1693.9'
L2 N 42°54' W	823.2'
L3 N 62°40' W	699.5'
L4 S 38°57' W	1047.7'
L5 N 25°31' W	1069.6'

TM-Par	Bk/Pg	Acres	Surface Owner(s)
1 4-17.1	299/145	20.44	Bryan & Patricia Hagedorn
2 2-13	7/149	78.0	S. C. Chipps Heirs
3 4-11	195/237	7.19	Gary Lynn McMillan
4 4-32	241/412	43.94	Matthew W. Alexander & Linda Marie Muhly
5 4-34.3	320/629	4.50	Andy H. & Carrie K. Kurtz
6 4-32.1	349/322	20.00	Andy H. & Carrie K. Kurtz

Lease Table	
A.	Charles Williams by Randy Williams, A.I.F. Lease
B.	Gary Lynn McMillan and Pamela S. McMillan Lease
C.	Ed Broome Inc. Leases (2)
D.	Theda Dolores Price Davis, Heir of Esta Faye Price, OGL

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.



ALL WELLS HAVE A "47-01" DESIGNATION

FILE NO: 40-30-WU-14  
DRAWING NO: Edgar 3H Well Plat 11-16  
SCALE: 1" = 1500'  
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. Edgar Unit 3H

API WELL NO

47 - 017 - 06856

STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Existing Grade - 1204' Proposed Grade - 1181' WATERSHED: Headwaters Middle Island Creek

DISTRICT: West Union QUADRANGLE: West Union

SURFACE OWNER: Matthew W. Alexander & Linda Marie Muhly Silas Spencer, et ux; Edwin P. & Dorothy P. Bode Joseph C. Moffatt, et al; Diana Lynne Knight; Ed Broome, Inc. COUNTY: Doddridge

ROYALTY OWNER: Theda Dolores Price Davis, Heir of Esta Faye Price OGL; Lourie Smith LEASE NO: ACREAGE: 43.94 66, 283, 30 115, 63, 087

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Modification - Btm Hole Loc.

PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,500' TVD 18,000' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System

ADDRESS: 1615 Wynkoop Street Denver, CO 80202 ADDRESS: 5400 D Big Tyler Road Charleston, WV 25313

09/16/2018