

10,426' to Bottom Hole

7,409 to Top Hole

LATITUDE 39 - 22 - 30

LONGITUDE 80 - 45 - 00

14,163' to Top Hole

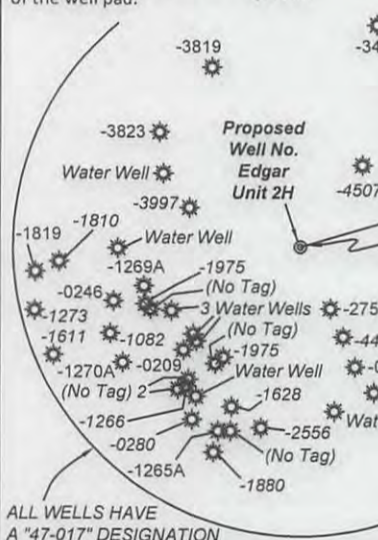
Antero Resources
Well No. Edgar Unit 2H
Antero Resources Corporation



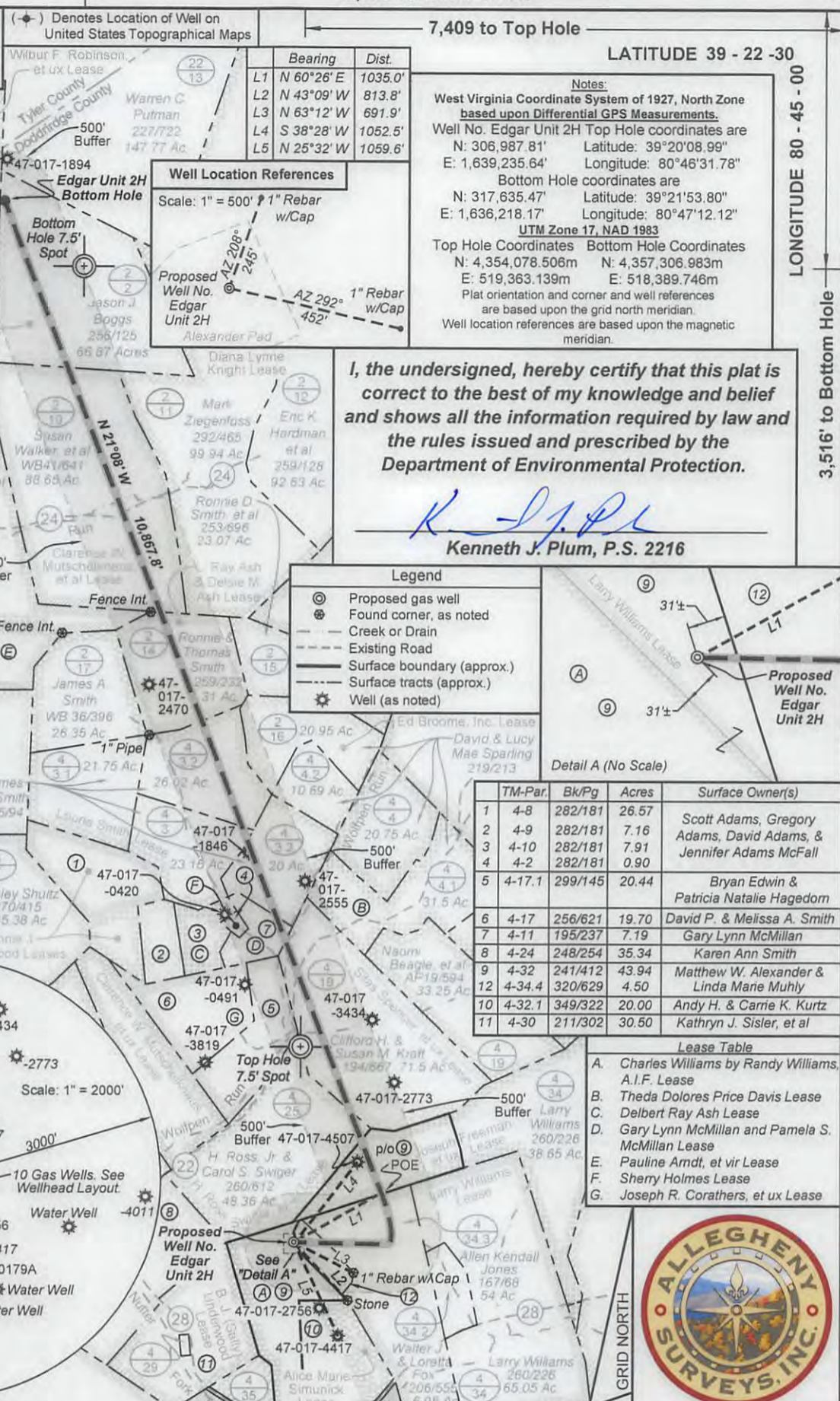
Detail Not to Scale
Notes:
Well No. Edgar Unit 2H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,284,291.00'
E: 1,703,896.60'
Point of Entry Coordinates
N: 14,284,816.37'
E: 1,704,787.91'
Bottom Hole Coordinates
N: 14,294,883.16'
E: 1,700,703.04'



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.



ALL WELLS HAVE A "47-017" DESIGNATION



	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" = 500'

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: 1,639,235.64' Longitude: 80°46'31.78"
Bottom Hole coordinates are
N: 317,635.47' Latitude: 39°21'53.80"
E: 1,636,218.17' Longitude: 80°47'12.12"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,354,078.506m N: 4,357,306.983m
E: 519,363.139m E: 518,389.746m
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
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	4-8	282/181	26.67	Scott Adams, Gregory Adams, David Adams, & Jennifer Adams McFall
2	4-9	282/181	7.16	
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 Natalie 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	4-32.1	349/322	20.00	Andy H. & Carrie K. Kurtz
11	4-30	211/302	30.50	Kathryn J. Sisler, et al

Lease Table

- A. Charles Williams by Randy Williams, A.I.F. Lease
- B. Theda Dolores Price Davis Lease
- C. Delbert Ray Ash Lease
- D. Gary Lynn McMillan and Pamela S. McMillan Lease
- E. Pauline Arndt, et vir Lease
- F. Sherry Holmes Lease
- G. Joseph R. Corathers, et ux Lease



FILE NO: 40-30-WU-14
DRAWING NO: Edgar 2H Well Plat 07-16
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 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, et al; Edwin P. & Dorothy P. Bode L. Ray Ash & Delsie M. Ash; Lourie Smith Gary Lynn McMillan and Pamela S. McMillan
ROYALTY OWNER: Silas Spencer, et ux; H. Ross Swiger, et ux; Joseph Freeman, et ux; Larry Williams LEASE NO: ACREAGE: 48.36; 60; 428.51
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. 7,500' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,400' 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