

8,924' to Bottom Hole

7,412 to Top Hole

LATITUDE 39 - 22 - 30

LONGITUDE 80 - 45 - 00

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

Wellhead Layout

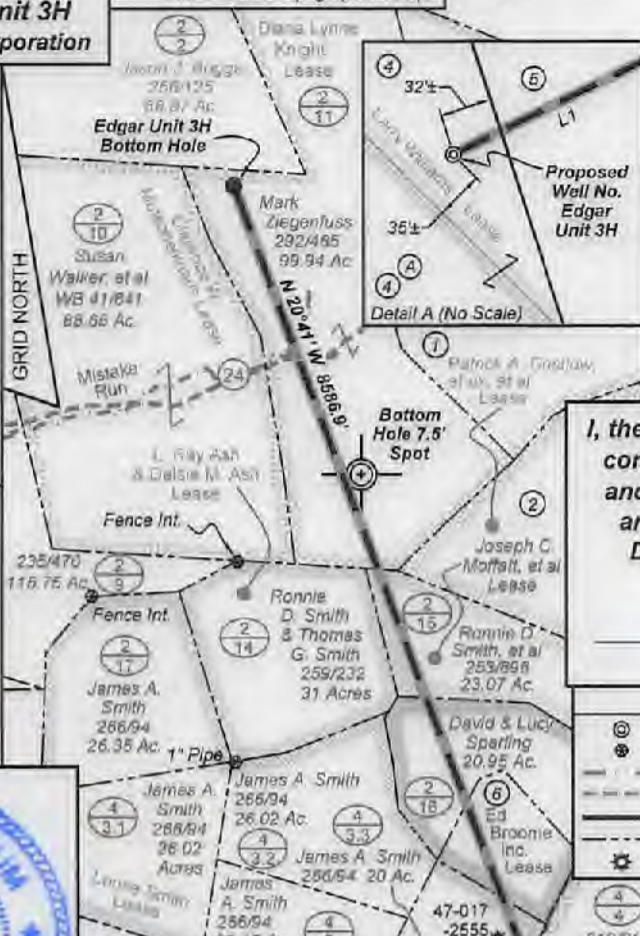


Detail Not to Scale

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: 14,293,050.66' E: 1,702,235.49'

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: 306,897.05 Latitude: 39°20'09.06" E: 1,639,231.81' Longitude: 80°46'31.83" Bottom Hole coordinates are N: 315,777.02 Latitude: 39°21'35.65" E: 1,637,720.36' Longitude: 80°46'52.65" UTM Zone 17, NAD 1983 Top Hole Coordinates Bottom Hole Coordinates N: 4,354,081.302m N: 4,356,748.449m E: 519,361.925m E: 518,856.836m 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)



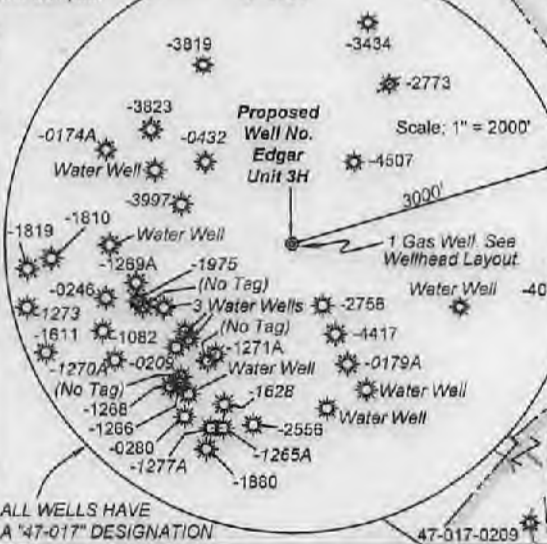
SEAL

Table with 2 columns: 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'

Table with 4 columns: TM-Par, Bk/Pg, Acres, Surface Owner(s)
1 2-12 259/128 92.63 Eric K. & Stephanie G. Hardman, Martin F. Tanner
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 4-34.3 320/625 4.50
6 4-4.2 219/213 10.69 David & Lucy Mae Sparring
7 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.

Note: It appears 9 water wells were found within 2000' of proposed well. No occupied dwellings or buildings 2,600 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

FILE NO: 40-30-WU-14
DRAWING NO: Edgar 3H Well Plat 11-16
SCALE: 1" = 1200'
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: January 4 20 17
Operator's Well No. Edgar Unit 3H
API WELL NO 47 - 017 - 06756
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 QUADRANGLE: West Union

DISTRICT: West Union COUNTY: Doddridge

SURFACE OWNER: Matthew W. Alexander & Linda Marie Muhly Joseph C. Moffatt, et al; Diana Lynne Knight Joseph Freeman, et ux; Larry Williams ACREAGE: 43.94 115.63.087

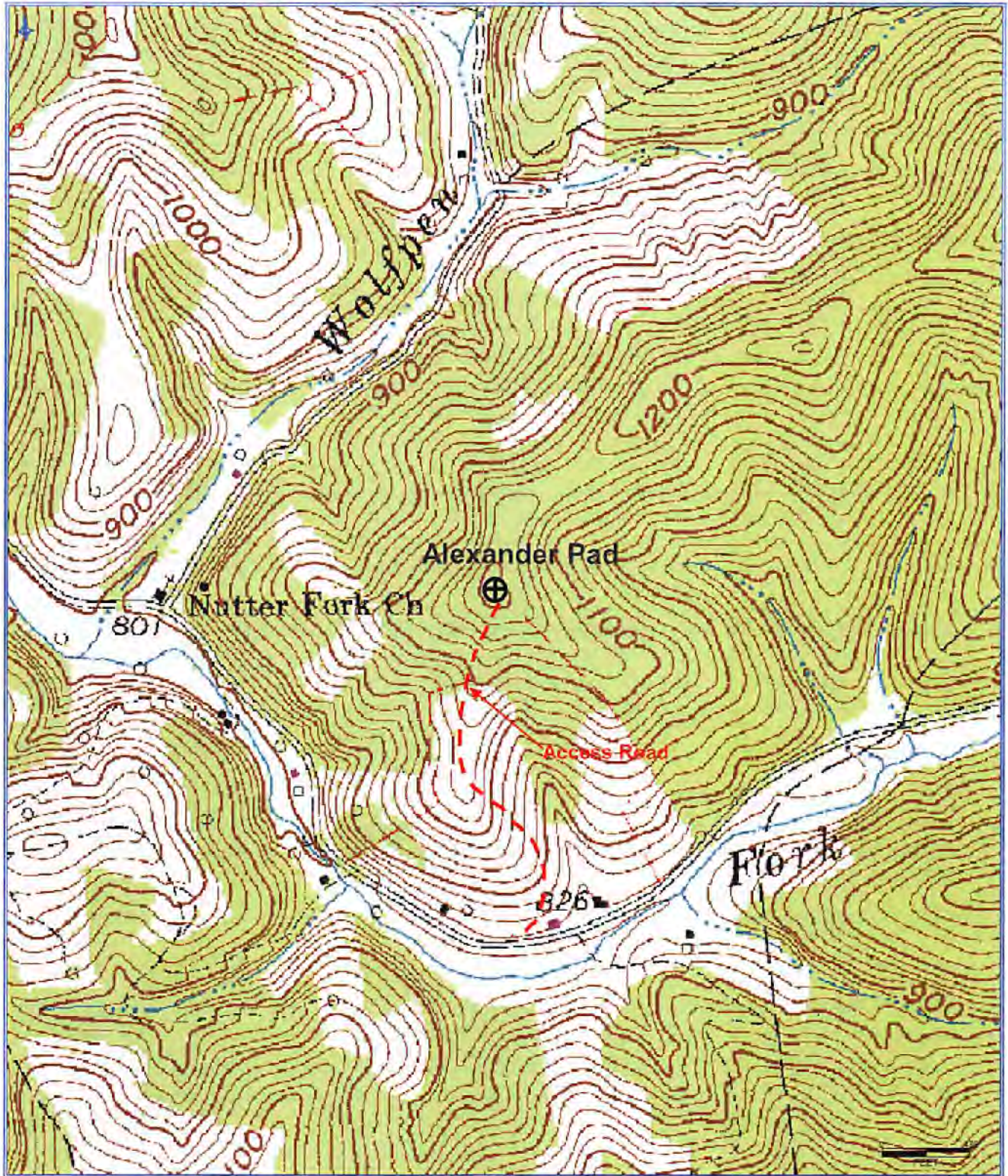
ROYALTY OWNER: Theda Dolores Price Davis, Heir of Esta Faye Price OGL, Lourie Smith LEASE NO: ACREAGE: 23, 72, 60, 428.51

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION

PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 17,600' MD 7,500' TVD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 1815 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313

09/22/2017



**Antero Resources Corporation**

Appalachian Basin

Edgar Unit 3H

Doddridge County

Quadrangle: West Union

Watershed: Middle Island Creek

District: West Union

Date: 6-2-2014

RECEIVED  
Office of Oil and Gas

JUL 10 2017

WV Department of  
Environmental Protection