



Antero Resources
Well No. Weese Unit 1H
As-Drilled
Antero Resources Corporation

(+) Denotes Location of Well on United States Topographic Maps

ALLEGHENY SURVEYS, INC.

B.F., Ben H. & Ida M. Kile 174/412 140 Ac.

Weese Unit 1H Bottom Hole

WVDNR Lease

Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

BRADLEY D. MILLER
 LICENSED
 No. 2167
 STATE OF WEST VIRGINIA
 PROFESSIONAL SURVEYOR

SEAL

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.

Bradley D. Miller
Bradley D. Miller, P.S. 2167

Note: It appears 5 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.

As-Drilled Well No. Weese Unit 1H

2000'

1 Gas Well

Water Well - none found. Location as per property owner.

Water Well

Water Well

Water Well

Water Well

GRID NORTH

Bearing	Dist.
L1 S 28°01' E	1,021.7'
L2 S 28°14' W	1,595.6'
L3 S 48°21' W	1,880.6'
L4 N 45°05' E	691.2'

Leases:

A. Rebecca A. Haught
B. Carolyn J. Davis
C. Jerry A. & Nancy J. Haught, et al
D. David T. Cox
E. James E. Barnhart
F. Jerald J. Sawinski
G. John P. Bucher, et ux
H. Trustees of the Archer Chapel Cemetery Association
J. Carl C. Keller
K. Trustees of the Archer Chapel Cemetery Association
L. Leon D. Ammons, et ux
M. Leon D. Ammons, et ux
N. Phyllis Roth Tobias
P. Richard G. Thomas

9,600' to Bottom Hole

4,621' to Top Hole

BOTTOM LATITUDE 39 - 32 - 30
TOP LATITUDE 39 - 30 - 00

TM-Par.	Bk/Pg	Acres	Owner(s)
1 19-37.1 307/354 32.858 Michael Haught			
2 19-37 307/354 32.892 Jerry A. Haught			
3 19-38 300/609 5.8 David T. Cox			
4 19-41.1 137/354 1.5 June Kempner			
5 19-33.2 317/466 3.1 James E. Barnhart			
6 19-33.4 WB 33/11 3.22 Marie Paule Crynne Archer			
7 19-33.6 337/315 0.42 Samuel V. & Joetta D. Bungard			
8 19-33.5 335/90 0.72 Samuel V. & Joetta D. Bungard			
9 19-33.1 468/818 1.42 Amos L. Archer			
10 19-2 342/582 6.5 John P. & Bonnie B. Bucher			
11 19-33.3 253/44 29.8 Chauncy P. & Ruth Archer			
12 13-9 190/9 58.38 Chauncy P. & Ruth Archer			
13 p/o 13-8 WB 43/425 56.98 Larry Moore & James Moore			
14 19-3.1 297/387 0.081 Archer Chapel & Cem. Assoc.			
15 19-3.2 297/387 2.709 Archer Chapel & Cem. Assoc.			
16 19-3 113/433 2.25 Archer Chapel & Cem. Assoc.			
17 p/o 13-8.1 371/76 35.11 Leon B. & Deanna N. Ammons			
18 13-8.4 371/36 5.01 Leon B. & Deanna N. Ammons			
19 13-8.2 442/528 6.0 Chauncy P. & Ruth M. Archer			
20 15/17.1 327/758 6.35 Lisa D. Beaver			
21 15-16.1 339/706 1.0 Richard G. Thomas			

LONGITUDE 80 - 55 - 00

13,306' to Top Hole

14,261' to Bottom Hole

Notes:

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.

Well No. Weese Unit 1H Top Hole coordinates are
 N: 354,066.48' Latitude: 39°27'47.77"
 E: 1,595,630.70' Longitude: 80°55'56.24"

Bottom Hole coordinates are
 N: 368,285.85' Latitude: 39°30'07.55"
 E: 1,590,891.01' Longitude: 80°56'59.59"

UTM Zone 17, NAD 1983

Top Hole Coordinates Bottom Hole Coordinates
 N: 4,368,199.100m N: 4,372,506.943m
 E: 505,839.453m E: 504,323.170m

Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

Legend

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

Wellhead Layout Detail Not to Scale

- Dierkes Unit 3H
- Dierkes Unit 2H 47-095-02551
- Dierkes Unit 1H 47-095-02550
- Kirk Hadley Unit 2H
- Kirk Hadley Unit 1H 47-095-02554
- Treasury Unit 2H 47-095-02557
- Treasury Unit 1H 47-095-02556
- Weese Unit 2H 47-095-02553
- As-Drilled Weese Unit 1H 47-095-02552**
- Houser Unit 3H
- Houser Unit 2H 47-095-02555
- Houser Unit 1H 47-095-02480
- Kirk Hadley 8 47-095-02031

FILE NO: 217-54-E-16
 DRAWING NO: Weese 1H-A Well Plat
 SCALE: 1" = 2000'
 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: April 23 20 20
 OPERATOR'S WELL NO. Weese Unit 1H
 API WELL NO
 47 - 095 - 02552
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 912' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Meade & Ellsworth
 DISTRICT: Meade & Ellsworth JERRY A. & NANCY J. HAUGHT AND MICHAEL P. & DEBORAH G. HAUGHT; CARL C. KELLER; JAMES MOORE; WV DIVISION OF NATURAL RESOURCES; JOHN P. BUCHER, ET UX; CHAUNCEY PAUL ARCHER, ET UX; LINDA L. MORRIS; RICHARD G. THOMAS; SUSAN G. FRITZ & JOHN FRITZ; RIDGETOP CAPITAL IV LP.; JERALD J. SAWINSKI; ROY D. HADLEY; RUTH E. MOORE, WIDOW; DONNA JEAN ICE;

SURFACE OWNER: Kirk L. Hadley LEASE NO: _____ ACREAGE: 162
 ROYALTY OWNER: Kirk Hadley; Alfred Lonzo Eddy; Joseph L. & Glenna Crowe; Donna Smith; LEASE NO: _____ ACREAGE: 1.42; 21; 202; 75; 100;

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,360' MD 6,163' TVD

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