

2,360' to Bottom Hole

672' to Top Hole

LATITUDE 39 - 30 - 00

Bottom Hole 7.5' Spot

LONGITUDE 80 - 55 - 00

1,837' to Bottom Hole

10,066' to Top Hole

Antero Resources Well No. Hennessy Unit 2H

Antero Resources Corporation

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, P.S. 2167



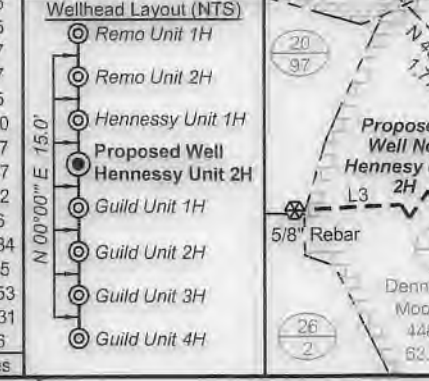
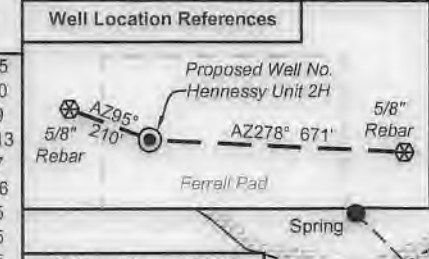
SEAL



Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Hennessy Unit 2H
Top Hole coordinates are
N: 357,306.47' Latitude: 39°28'20.41"
E: 1,599,579.92' Longitude: 80°55'06.54"
Bottom Hole coordinates are
N: 365,535.76' Latitude: 39°29'41.48"
E: 1,597,891.45' Longitude: 80°55'29.74"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,369,206.295m N: 4,371,704.780m
E: 507,026.112m E: 506,469.856m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

| Lease |
|------------------------------------|
| A WV Division of Natural Resources |
| B Thomas & Cynthia H. Hall |
| C Larry Steven & Diane Helmick |
| D Martha Jean Tucker |
| E Jack J. Mason |
| F Tyler County Commission |
| G Joseph J. Morris |
| H J.C. & Barbara Nuss |
| J Larry Allen Anderson |
| K Thomas J. Wagner |
| L Robert L. & Pamela L. Shaffer |
| M Robert L. & Pamela L. Shaffer |

| Bearing | Dist. |
|------------------------|-------|
| L1 N 58°53' W 2,644.2' | |
| L2 N 52°45' W 1,562.1' | |
| L3 N 86°56' E 1,891.6' | |
| L4 S 47°32' W 2,934.1' | |
| L5 N 63°47' E 940.5' | |



| ID | TM/Par | Owner | Bk/Pg | Acres |
|----|---------|----------------|----------|--------|
| 23 | 20/2 | Anderson | 282/506 | 68.05 |
| 22 | 14/40 | Nuss | 347/832 | 12.00 |
| 21 | 20/12.3 | Nuss | 366/467 | 0.19 |
| 20 | 20/16 | Rymer | 219/287 | 25.813 |
| 19 | 20/12.2 | Shaffer | 354/76 | 0.37 |
| 18 | 20/12 | Steen | 264/127 | 39.76 |
| 17 | 20/11 | Shaffer | 399/15 | 0.45 |
| 16 | 20/14 | Morris | 205/425 | 0.15 |
| 15 | 20/13 | Ty.Co. Comm. | 333/63 | 0.15 |
| 14 | 20/12.1 | Nuss | 411/206 | 0.75 |
| 13 | 20/15 | Mason | 388/834 | 0.37 |
| 12 | 20/36.1 | Wagner | 329/366 | 0.37 |
| 11 | 20/36 | Tucker | 8/210 | 0.45 |
| 10 | 20/39 | Rymer | 219/287 | 36.40 |
| 9 | 20/37.6 | Vancamp | 443/643 | 19.67 |
| 8 | 20/37.4 | Thacker, et al | 395/843 | 4.437 |
| 7 | 20/37 | Thacker, et al | 443/643 | 8.892 |
| 6 | 20/37.2 | Wolf | 362/386 | 4.56 |
| 5 | 20/83.6 | Hall | WB40/335 | 30.034 |
| 4 | 20/37.3 | Wolf | 384/321 | 4.095 |
| 3 | 20/83.7 | Helmick | 400/592 | 30.353 |
| 2 | 20/98 | Hennessy | 247/7 | 74.231 |
| 1 | 20/83.1 | Helmick | 230/446 | 2.76 |

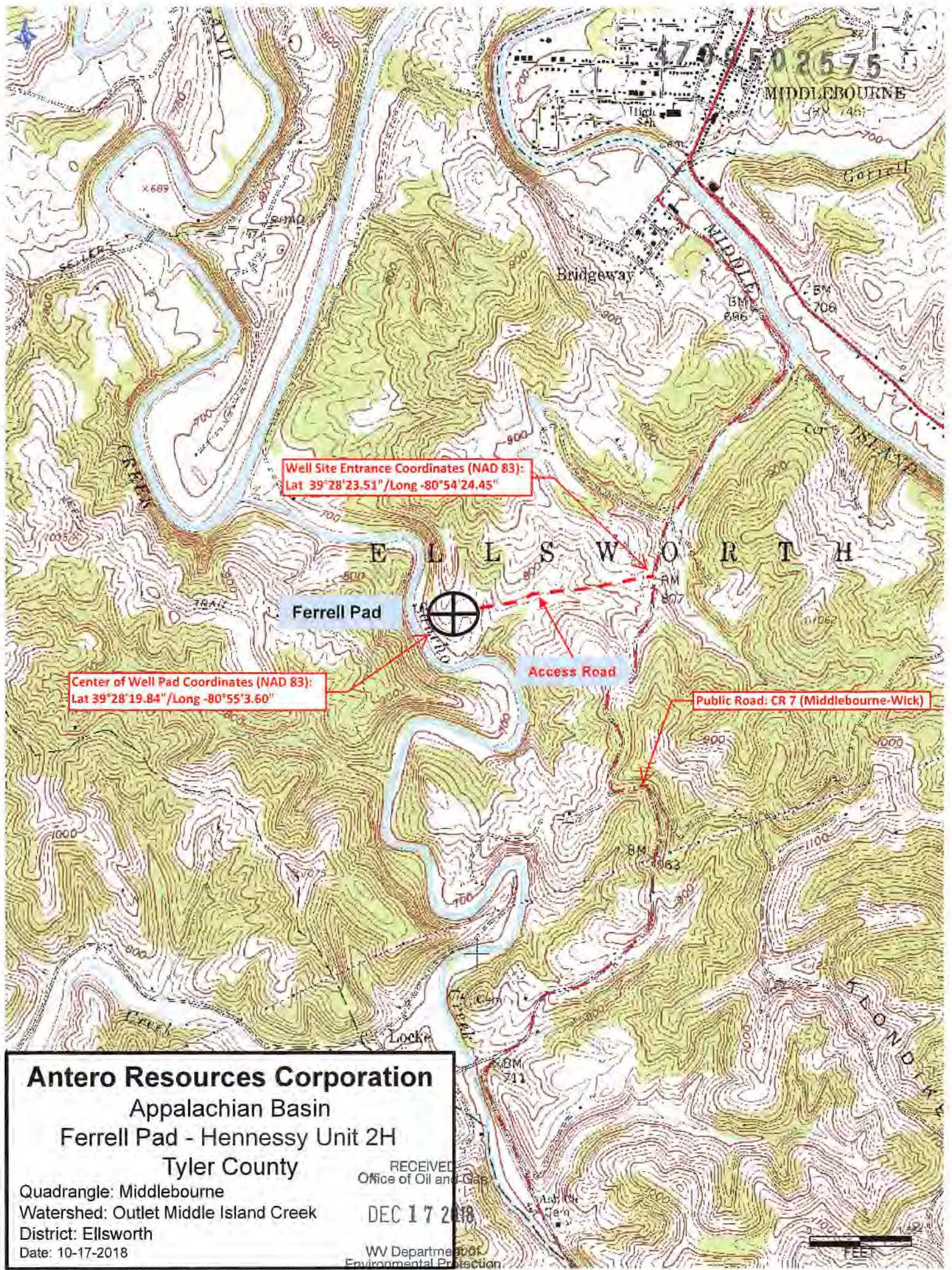
FILE NO: 16-54-E-17
DRAWING NO: Hennessy 2H Well Plat
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: December 4 2018
OPERATOR'S WELL NO: Hennessy Unit 2H
API WELL NO
47 - 095 - 02575
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: Proposed Elev. 757' Existing Elev. 770' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne 68.05;
DISTRICT: Ellsworth The Swan Living Trust; Larry Allen Anderson; COUNTY: Tyler 166.09063;
SURFACE OWNER: Antero Midstream, LLC J.C. & Barbara Nuss; Tyler County Commission; 0.29244; 0.15;
ROYALTY OWNER: West Virginia Division of Natural Resources; Hilda Steen; LARRY STEVEN & DIANE HELMICK; LARRY R. HENTHORN, ET UX; ACREAGE: 203.59 109.14; 39.757;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION 57.14; 61.71875;
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ ACREAGE: 15.9; 99.413;
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,100' MD 6,500' 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



Well Site Entrance Coordinates (NAD 83):
Lat 39°28'23.51"/Long -80°54'24.45"

Center of Well Pad Coordinates (NAD 83):
Lat 39°28'19.84"/Long -80°55'3.60"

Public Road: CR 7 (Middlebourne-Wick)

Antero Resources Corporation
Appalachian Basin
Ferrell Pad - Hennessy Unit 2H
Tyler County

RECEIVED
Office of Oil and Gas
DEC 17 2018
WV Department of Environmental Protection

Quadrangle: Middlebourne
Watershed: Outlet Middle Island Creek
District: Ellsworth
Date: 10-17-2018