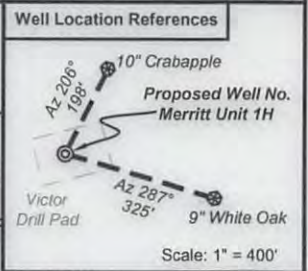
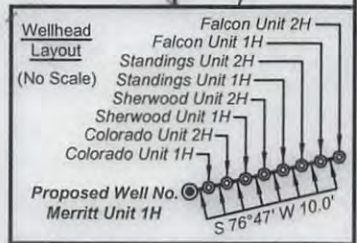




Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Merritt Unit 1H Top Hole coordinates are
 N: 251,883.70' Latitude: 39°11'09.69"
 E: 1,679,336.20' Longitude: 80°37'52.61"
 Bottom Hole coordinates are
 N: 241,182.08' Latitude: 39°09'24.18"
 E: 1,681,386.83' Longitude: 80°37'24.86"
UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,337,495.002m N: 4,334,245.199m
 E: 531,859.875m E: 532,538.958m
 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
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- District Line



Notes:
 Well No. Merritt Unit 1H UTM Zone 17, NAD 1927
 Top Hole Coordinates
 N: 14,229,882.246'
 E: 1,744,895.706'
 Point of Entry Coordinates
 N: 14,229,748.393'
 E: 1,743,873.620'
 Bottom Hole Coordinates
 N: 14,219,220.098'
 E: 1,747,123.499'

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

| No. | TM/Par | Owner | Bk/Pg | Acres |
|------------------------------------|---------|---|-----------|-------|
| Greenbrier District, Doddridge Co. | | | | |
| 1 | 13/9 | Chad W. Johnson, William R. Johnson, & Anthony B. Johnson | 271 / 90 | 24.0 |
| 2 | 13/10 | Victor R. & Wanda F. Cox | 271 / 90 | 61.63 |
| 3 | 13/8 | Victor R. & Wanda F. Cox | 207 / 541 | 40.32 |
| New Milton District, Doddridge Co. | | | | |
| 4 | 16/26 | L. Bassell Maxwell & Mary H. Holland | 90 / 378 | 3.45 |
| 5 | 20/15.2 | Robert K. & Betty L. Swiger | 260 / 696 | 29.32 |
| 6 | 16/25 | Roger L. & Jeffrey D. Wright | 244 / 246 | 11.0 |
| 7 | 21/2.1 | Eleanor R. Nicholson | 279 / 11 | 0.53 |
| 8 | 21/3 | Dale & Eleanor R. Nicholson | 156 / 390 | 15.20 |
| 9 | 20/17 | Edward Lee & John David Cumpston | 294 / 686 | 35.94 |
| 10 | 21/4.1 | Kenneth M. & Jamie S. Snider | 248 / 203 | 39.6 |
| 11 | 21/4.2 | Rodney W. & Loretta F. Snider | 248 / 154 | 1.73 |
| 12 | 21/4.3 | Rodney W. & Loretta F. Snider | 248 / 157 | 1.09 |
| 13 | 16-19 | p/o Antero Resources Corp. | 329 / 432 | 87.27 |
| 14 | 20/18 | Paul E. & Jerl Clark Wagner | 282 / 694 | 66.73 |
| 15 | 20/28 | Theresa Davidson Webb | 309 / 340 | 23.23 |



| Lease | Bearing | Dist. |
|--|-----------------------|-------|
| A Betty Lou Merritt Lease | | |
| B Franklin Maxwell Heirs Limited Partnership No.1, LLP Lease | | |
| C David Swann Lease | | |
| D Franklin Maxwell Heirs Limited Partnership No.1, LLP Lease | | |
| E Millard R. Dennison Lease | L1 S 76°38' W 955.6' | |
| F Gore Corporation Lease 20207 | L2 S 83°30' W 1031.2' | |
| G Carl & Irene Cox Lease | L3 N 88°08' W 351.8' | |
| H Robert M. Nicholson Lease | L4 N 61°23' W 778.3' | |
| J Charles Sherwood Lease | L5 N 23°06' W 1399.8' | |

FILE NO: 91-30-NM-13
 DRAWING NO: Merritt 1H Well Plat 12-16
 SCALE: 1" = 1600'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

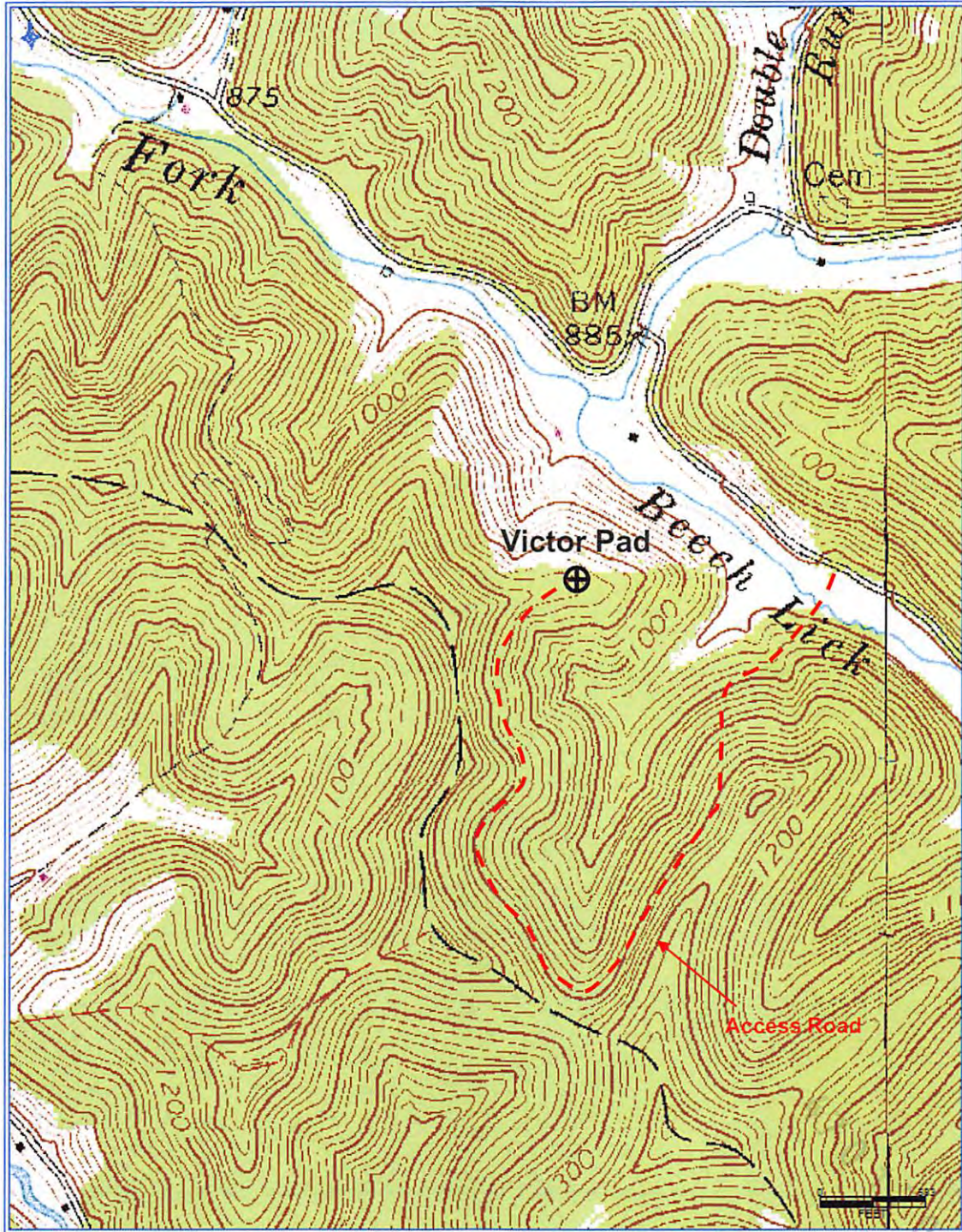
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: December 16 2016
 OPERATOR'S WELL NO. Merritt Unit 1H
 API WELL NO
 47 - 017 - 06825 H&A
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: Proposed 1156' Existing 1168' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: New Milton
 DISTRICT: Greenbrier COUNTY: Doddridge
 SURFACE OWNER: Chad W. Johnson, et al ACREAGE: 24.0
 ROYALTY OWNER: C. Dale Nicholson, et ux; Franklin Maxwell Heirs Limited Partnership No.1, LLP LEASE NO: 22059; 20207 ACREAGE: 70; 80; 37; 82
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 7,400' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,750' 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





Received
Office of Oil & Gas
DEC 27 2016

Antero Resources Corporation
Appalachian Basin
Merritt Unit 1H
Doddridge County
Quadrangle: New Milton
Watershed: Headwaters Middle Island Creek
District: Greenbrier
Date: 10-17-2014

04/14/2017