

11,454' to Bottom Hole

1,842' to Top Hole

Bottom LATITUDE 39 - 10 - 00
Top LATITUDE 39 - 12 - 30

Top LONGITUDE 80 - 37 - 30
Bottom LONGITUDE 80 - 35 - 00

3,484' to Bottom Hole

Antero Resources
Well No. Merritt Unit 1H
Antero Resources Corporation

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



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

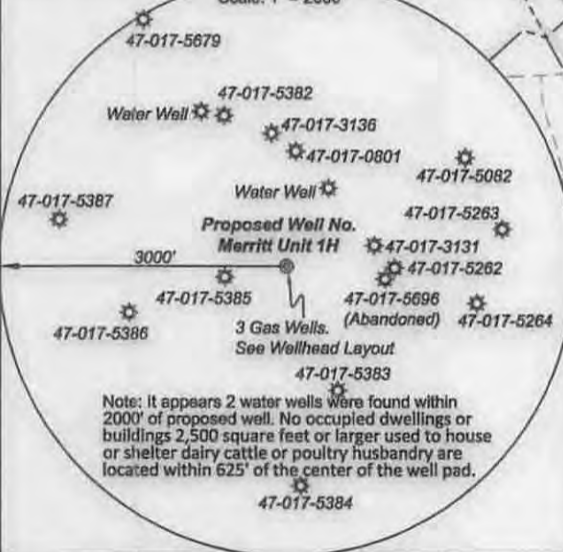
Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Merritt Unit 1H Top Hole coordinates are
N: 251,890.36' Latitude: 39°11'09.76"
E: 1,679,375.47' Longitude: 80°37'52.11"
Bottom Hole coordinates are
N: 241,182.08' Latitude: 39°09'24.18"
E: 1,681,386.83' Longitude: 80°37'24.86"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,337,497.230m N: 4,334,245.199m
E: 531,871.805m 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

No.	TM/Par	Owner	Bk/Pg	Acres
15	20/28	Jeanette Gay Nicholson & Patricia A. Davidson	173 / 926	23.23
14	20/29.3	Mitchell D. Nicholson	193 / 397	1.88
13	20/29.1	Michael D. Nicholson	182 / 130	0.49
12	21/4.3	Rodney W. & Loretta F. Snider	248 / 157	1.09
11	21/4.2	Rodney W. & Loretta F. Snider	248 / 154	1.73
10	21/4.1	Kenneth M. & Jamie S. Snider	248 / 203	39.6
9	20/17	Edward Lee & John David Cumpston	294 / 686	35.94
8	21/3	Dale & Eleanor R. Nicholson	156 / 390	15.20
7	21/2.1	Eleanor R. Nicholson	279 / 11	0.53
6	18/25	Roger L. & Jeffrey D. Wright	244 / 246	11.0
5	20/15.2	Robert K. & Betty L. Swiger	260 / 696	29.32
4	16/26	L. Bassell Maxwell & Mary H. Holland	90 / 378	3.45

No.	TM/Par	Owner	Bk/Pg	Acres
New Milton District, Doddridge Co. (above)				
3	13/8	Victor R. & Wanda F. Cox	207 / 541	40.32
2	13/10	Chad W. Johnson, William R. Johnson, & Anthony B. Johnson	271 / 90	61.63
1	13/9	Chad W. Johnson, William R. Johnson, & Anthony B. Johnson	271 / 90	24.0

No.	TM/Par	Owner	Bk/Pg	Acres
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J	Charles Sherwood Lease
H	Robert M. Nicholson Lease
G	Carl & Irene Cox Lease
F	Gore Corporation Lease 20207
E	Millard R. Dennison Lease
D	Franklin Maxwell Heirs Limited Partnership No.1, LLP Lease
C	David Swann Lease
B	Franklin Maxwell Heirs Limited Partnership No.1, LLP Lease
A	Betty Lou Merritt Lease

Note A
Tangent Pt.
N: 251,766.85'
E: 1,678,311.66'

Bearing	Dist.
L1 S 76°28' W	915.8'
L2 S 83°23' W	1071.0'
L3 N 86°41' W	312.9'
L4 N 59°29' W	747.5'
L5 N 21°30' W	1,391.1'



FILE NO: 91-30-NM-13
DRAWING NO: 91-13 Merritt 1H Well Plat
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

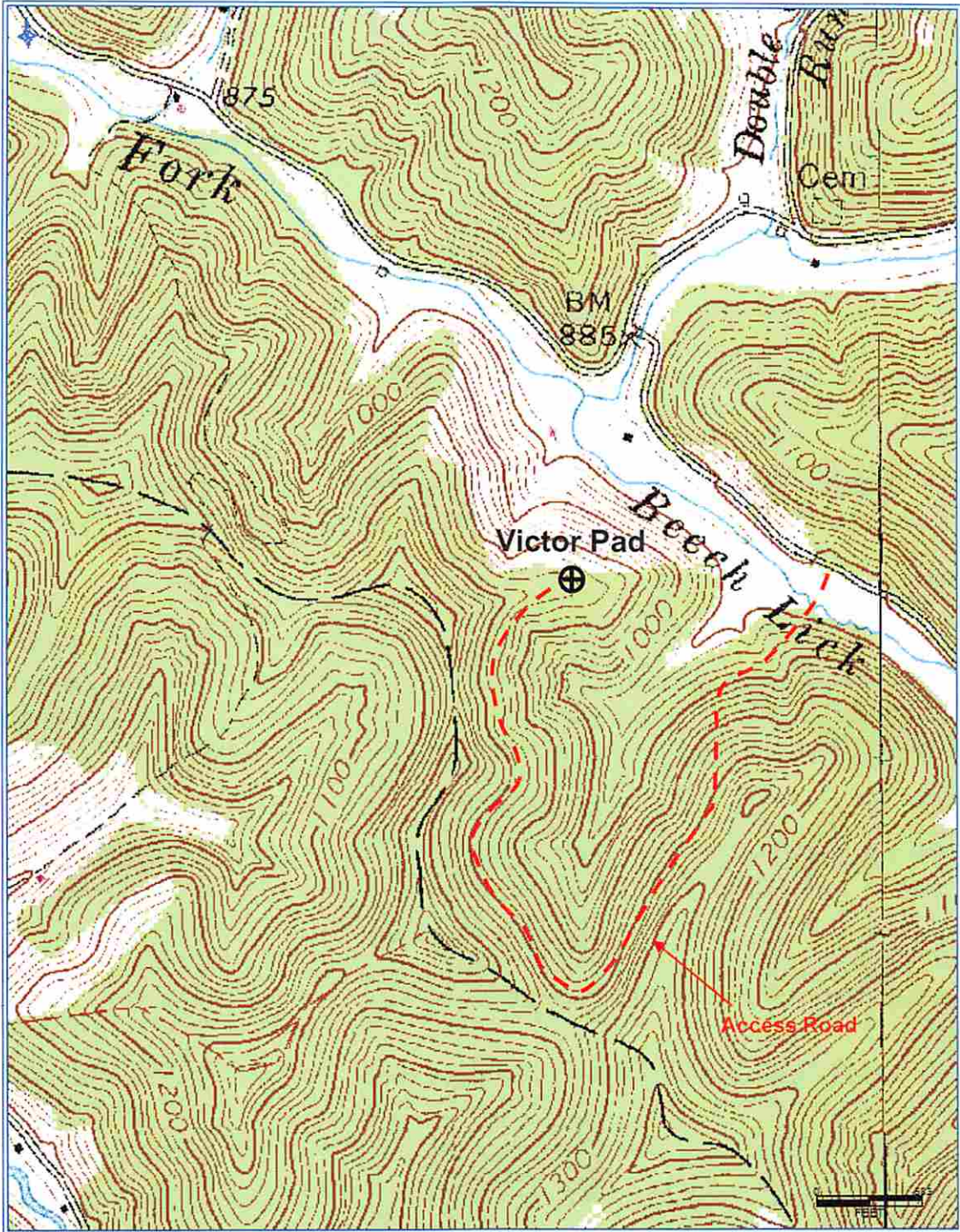
DATE: September 29, 2014
OPERATOR'S WELL NO. Merritt Unit 1H
API WELL NO. H6A
47 - 017 - 01004
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1156' WATERSHED: Beech Lick of Meathouse Fork QUADRANGLE: New Milton
DISTRICT: Greenbrier COUNTY: Doddridge 210; 33.1075
SURFACE OWNER: Chad W. Johnson, et al ACREAGE: 24.0 32; 23.49; 256;
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: 18,900' 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

01/16/2015

4701706664



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

RECEIVED
OCT 31 2014
WV Department of
Environmental Protection