

Antero Resources Well No. Bernice Unit 1H 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
Bradley D. Miller, P.S. 2167

Par.	Tax Map 7 Owner	Bk/Pg	Acres
1	David J. Dukate	262/536	1.02
2	William & Inge Rogers	276/703	9.07
3	Leslie & Charles Underwood II	258/416	9.98
4	Quanita M. Crabbe	264/228	7.71
5	William W. Nicholas	152/719	13.0
6	Chrystal Dawn Keplinger	293/238	29.57
7	Martha & Blaine Devericks	163/590	10.0
10	Barbara & Charles Wellings Jr.	266/588	9.12
11	Murray Hill Energy Inc.	279/257	20.0
12	Timothy & Julie Goldsmith	273/126	3.76
13	Phoonsombat Smith	271/219	1.01
14	Shawn & Penny Dahlheimer	249/217	1.54
15	Melvin & Louise Morris	237/172	0.59
16	Trustees of Eddy Cemetery Assoc.	249/650	1.70
17	William & Lanita Stewart	281/311	1.0
18	Charles Jr. & Barbara Wellings	203/229	Lot 7
19	Robert & Vernie Mae Hilling	280/347	—
20	Judith Mohr & Rocky Romanello	254/459	Lot 6
21	Judy D. Martin (Tract 3)	204/518	1.27
22	Judy D. Martin (Tract 1)	204/518	10.39
23	Carrie J. & William J. Curran II	273/399	Lot 5
24	Howard & Muriel Van Buren	191/192	Lot 4
25	Jason C. Ridenour (Tract 1)	244/613	23.25
Tax Map 8 Owner			
26	D. Duane & Leah Perkins	227/200	1.10
27	August J. & Rhonie L. Jordan	240/680	2.29
28	Gregory M. & Tessa M. Pigg	281/276	0.80

Gary D. Martin, Sr., et al
 247/273
 70.74 Acres
 47-033-2926
 41 Acres

James Edward II & Michelle Lea Stout
 273/290
 16 Acres

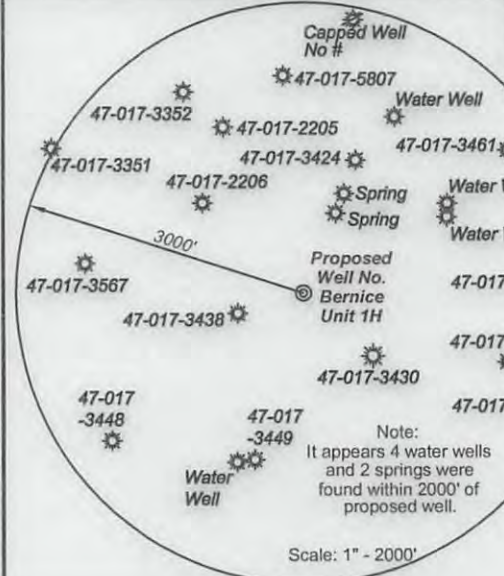
Bernice Unit 1H Bottom Hole
 Mary Maxine Welch
 Lease 22163



Legend

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

Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Bernice Unit 1H Top Hole coordinates are
 N: 264,940.69 Latitude: 39°13'20.20"
 E: 1,691,316.98 Longitude: 80°35'22.47"
 Bottom Hole coordinates are
 N: 271,890.48 Latitude: 39°14'28.15"
 E: 1,685,184.32 Longitude: 80°36'41.48"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates: N: 4,341,533.705m E: 535,443.540m
 Bottom Hole Coordinates: N: 4,343,619.788m E: 533,539.890m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.



Detail Not to Scale

Bearing	Dist.
L1 S 73°20' E	1222.4'
L2 N 83°03' E	993.8'
L3 N 73°14' E	790.2'
L4 N 44°28' W	933.3'
L5 N 53°32' E	1489.6'

Lease Owner

A	Glenville State College Foundation Lease
B	Timothy J. Goldsmith, et ux, Memorandum of Oil and Gas Lease
C	Margaret J. & William G. Prickett Lease 22045
D	Richard Wm. Bond II, et ux Lease DAD36472/001



FILE NO: 234-30-G-12
 DRAWING NO: 234-12 Bernice Unit 1H
 SCALE: 1" = 1200'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

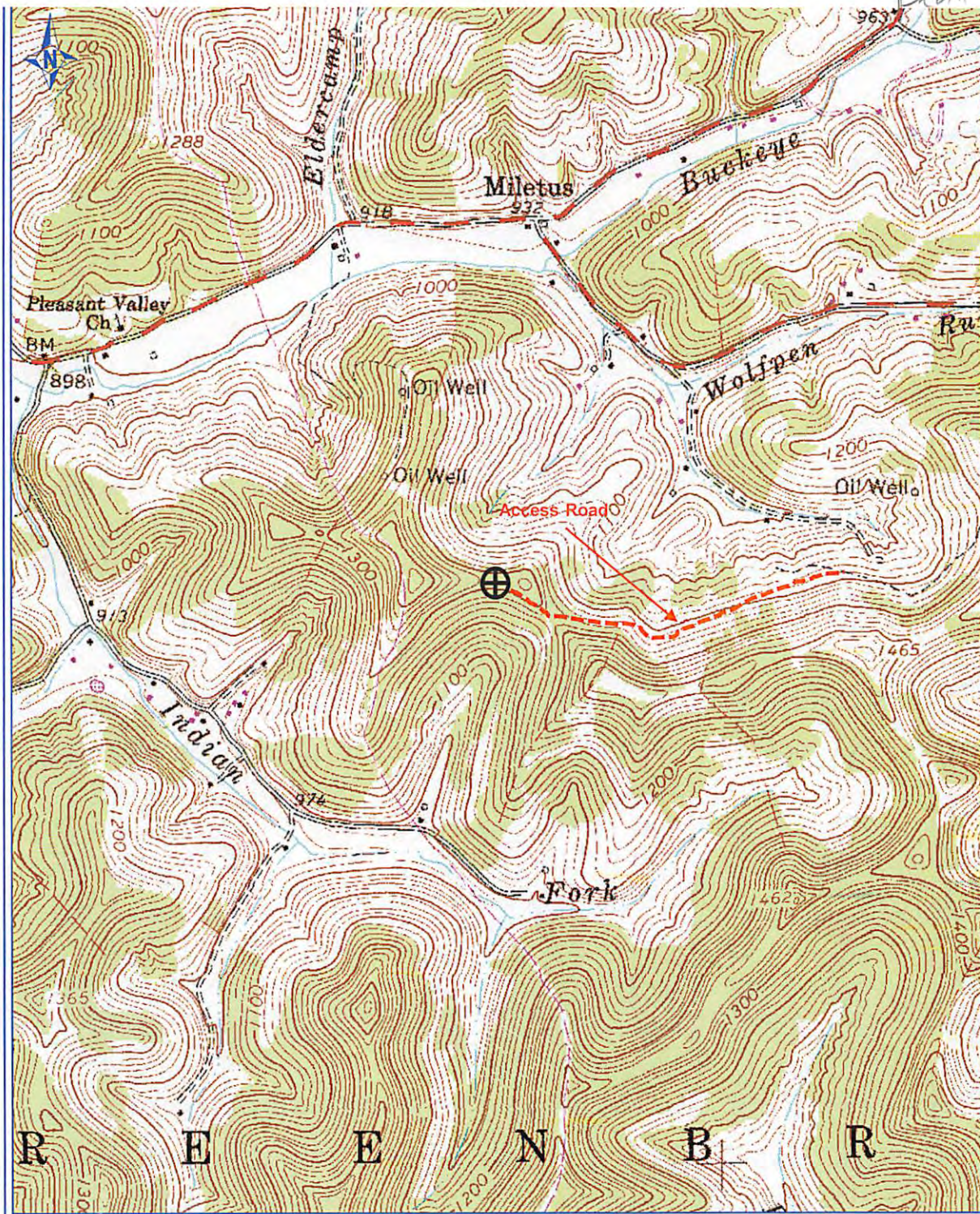
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

DATE: July 12 2013
 OPERATOR'S WELL NO. Bernice Unit 1H
 API WELL NO. 47 - 017 - 6363
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1297' WATERSHED: Middle Island Creek / Buckeye Creek
 DISTRICT: Greenbrier Isaac Eddy, et ux; James Romine L012454; 22163
 SURFACE OWNER: Homer Leroy Floyd Wm C. Lantz, et ux; Rosa Nicholson; Mary Maxine Welch DVO19229 COUNTY: Doddridge 12.18
 OIL & GAS ROYALTY OWNER: Margaret J. & William G. Prickett; Ed Broome, Inc. DARRELL FORD, et ux; Ora Virginia White; Homer L. Floyd DAD35254 ACREAGE: 54.25 96.54; 57
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) TVD 7,600'
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: MD 17,500'

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1625 17th Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313

10/04/2013



plat spotted
CRC ✓
17-06363

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Received

AUG 30 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

Antero Resources Corp

APPALACHIAN BASIN

Bernice Unit 1H

Doddridge County

REMARKS
 QUADRANGLE: BIG ISAAC
 WATERSHED: BIG ISAAC CREEK
 DISTRICT: GREENBRIER

By: ECM