

Antero Resources
Well No. Gideon Unit 1H
Antero Resources
Appalachian Corporation

Legend

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

Line	Bearing	Distance
L1	S 34°02' E	772.4'
L2	N 68°52' E	862.6'
L3	N 34°15' E	1165.0'
L4	S 73°11' W	1871.6'
L5	S 17°54' W	1146.9'

1,727' to Top Hole

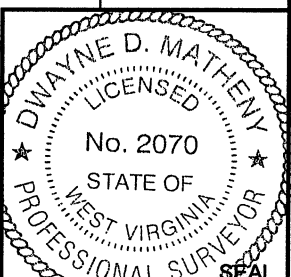
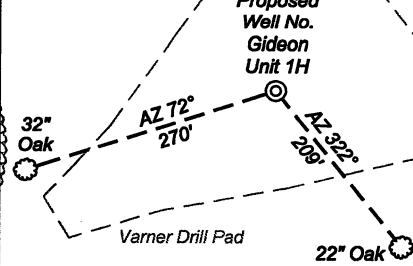
TOP HOLE LATITUDE 39 - 17 - 30
 BOTTOM HOLE LATITUDE 39 - 15 - 00

Notes:

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Gideon Unit 1H Top Hole coordinates are
 N: 276,574.51' Latitude: 39°15'16.61"
 E: 1,703,455.06' Longitude: 80°32'49.97"
 Bottom Hole coordinates are
 N: 269,116.65' Latitude: 39°14'03.61"
 E: 1,709,654.77' Longitude: 80°31'30.07"
UTM Zone 17, NAD 1983
 Top Hole Coordinates N: 4,345,139.668m E: 539,082.395m
 Bottom Hole Coordinates N: 4,342,899.115m E: 541,009.045m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

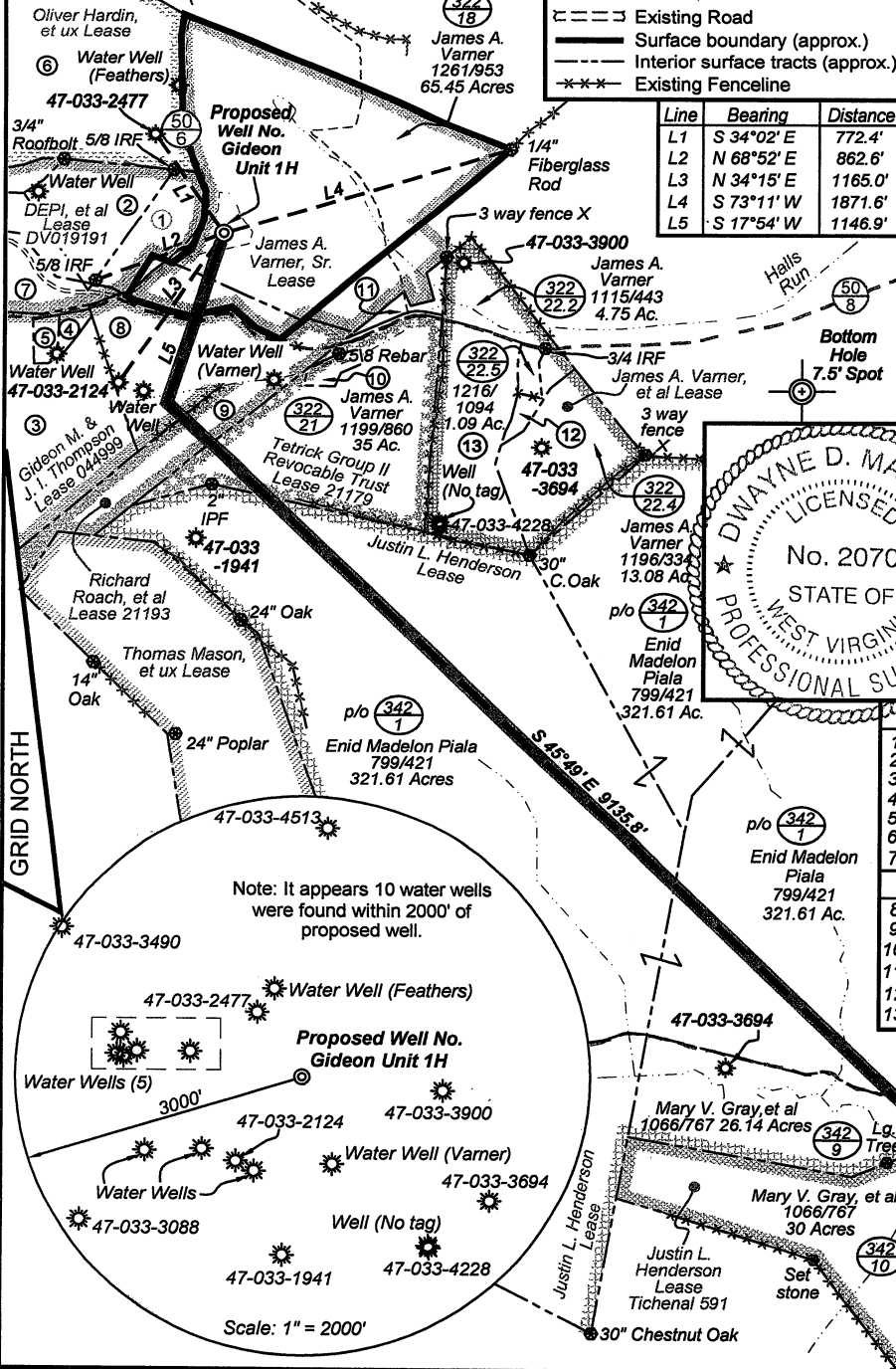
Well Location References

Scale: 1" = 200'



Par	Tax Map 321 Owner	Bk/Pg	Acres
1	31.2 Patrick J. Shaver	1427/445	5.0
2	31.4 Dan Arnold & Crystal Shahan	1268/976	9.55
3	40 Clifford S. Cleavenger, et al	1407/977	25.88
4	40.3 Clifford S. Cleavenger, et al	1407/979	0.81
5	40.4 Clifford & Laura Cleavenger	1406/1196	1.06
6	30 Anthony E. Feathers	1453/1121	52.5
7	39 John & Marianne Cleavenger	1247/290	33.5

Par	Tax Map 322 Owner	Bk/Pg	Acres
8	19 David B. Taylor	1301/1067	14.0
9	20 James A. Varnar	197/478	16.63
10	21.2 Jeffrey W. Nelson	1284/7	1.08
11	21.1 James A. Varnar	1261/953	1.45
12	22 Kitty Sugars, et al	WB165/211	0.35
13	22.3 James A. Varnar	1131/151	15.94

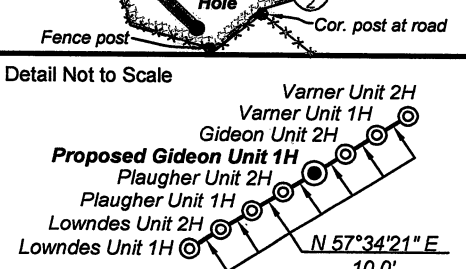


GRID NORTH



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 regulations issued and prescribed by the Department of Environmental Protection.

Dwayne D. Matheny
Dwayne D. Matheny, P.S. 2070



FILE NO: 153-36-TM-12
 DRAWING NO: 153-12 Gideon 1H Well Plat
 SCALE: 1" = 1200'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

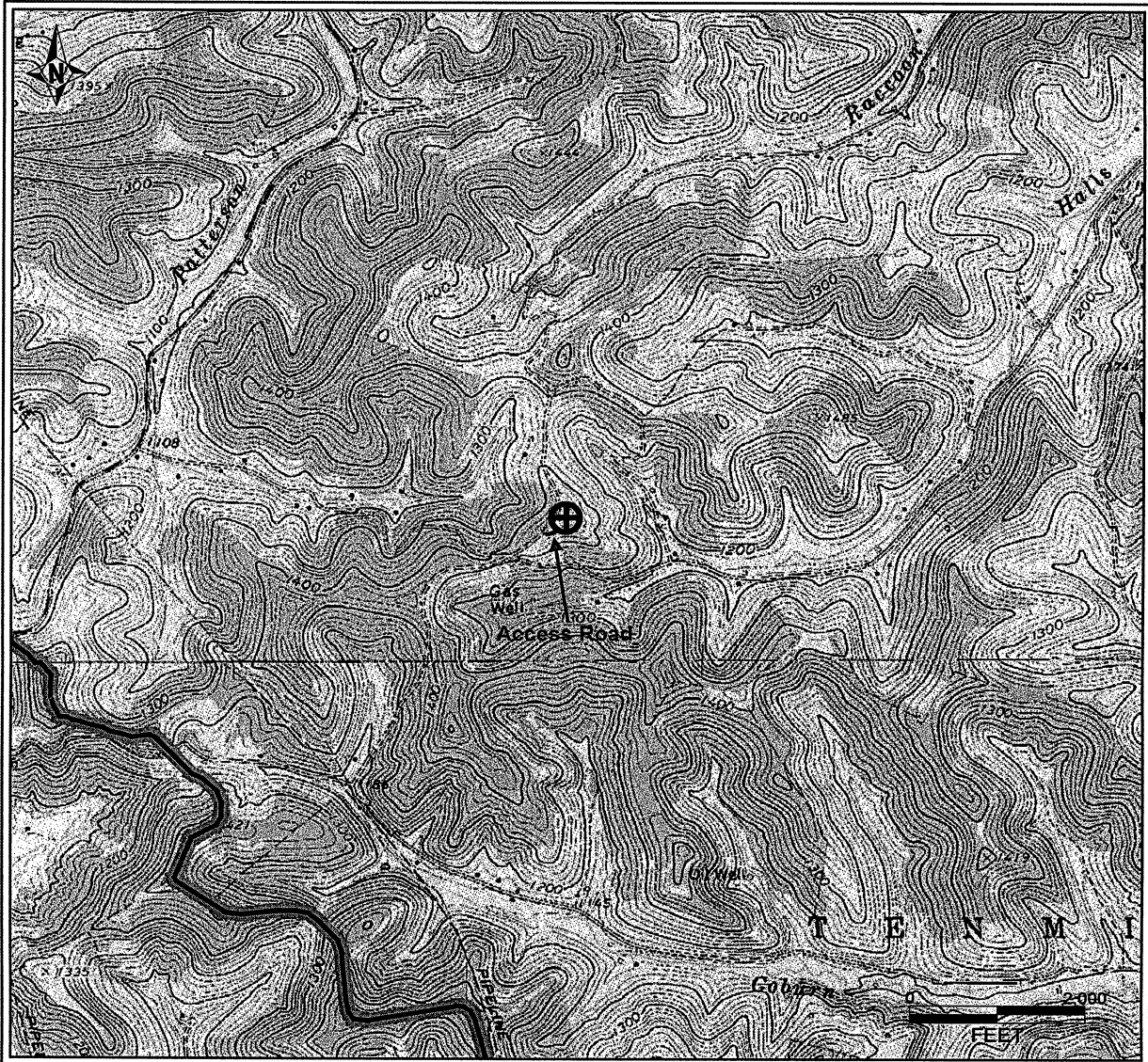
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: December 19 2012
 OPERATOR'S WELL NO. Gideon Unit 1H
 API WELL NO
 47 - 033 - **0572246A**
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1453' WATERSHED: Halls Run QUADRANGLE: Salem & Big Isaac
 DISTRICT: Tenmile-Outside COUNTY: Harrison
 SURFACE OWNER: James A. Varnar Justin L. Henderson; James A. Varnar, Sr. ACREAGE: 65.45 62.394
 ROYALTY OWNER: Gideon M. & J. I. Thompson; Richard Roach, et al; Justin L. Henderson Tichenal 591 1026.936
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,600' TVD 17,800' MD

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

33-05722



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Antero Resources Corporation

APPALACHIAN BASIN

Gideon Unit 1H

Harrison County



REMARKS

QUADRANGLE: SALEM
WATERSHED: HALLS RUN
DISTRICT: TENMILE

Date: 12/19/2012

33-05722 H6A GIDEON UNIT 1H
ANTERO RESOURCES CORP

PAD NAME: VARNER WEST

RECEIVED
Office of Oil & Gas
2013

WV Department of
Environmental Protection

04/05/2013