

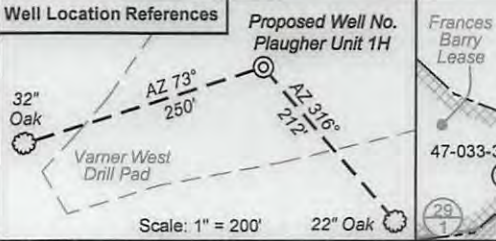
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Kenneth J. Plum
Kenneth J. Plum, P.S. 2216

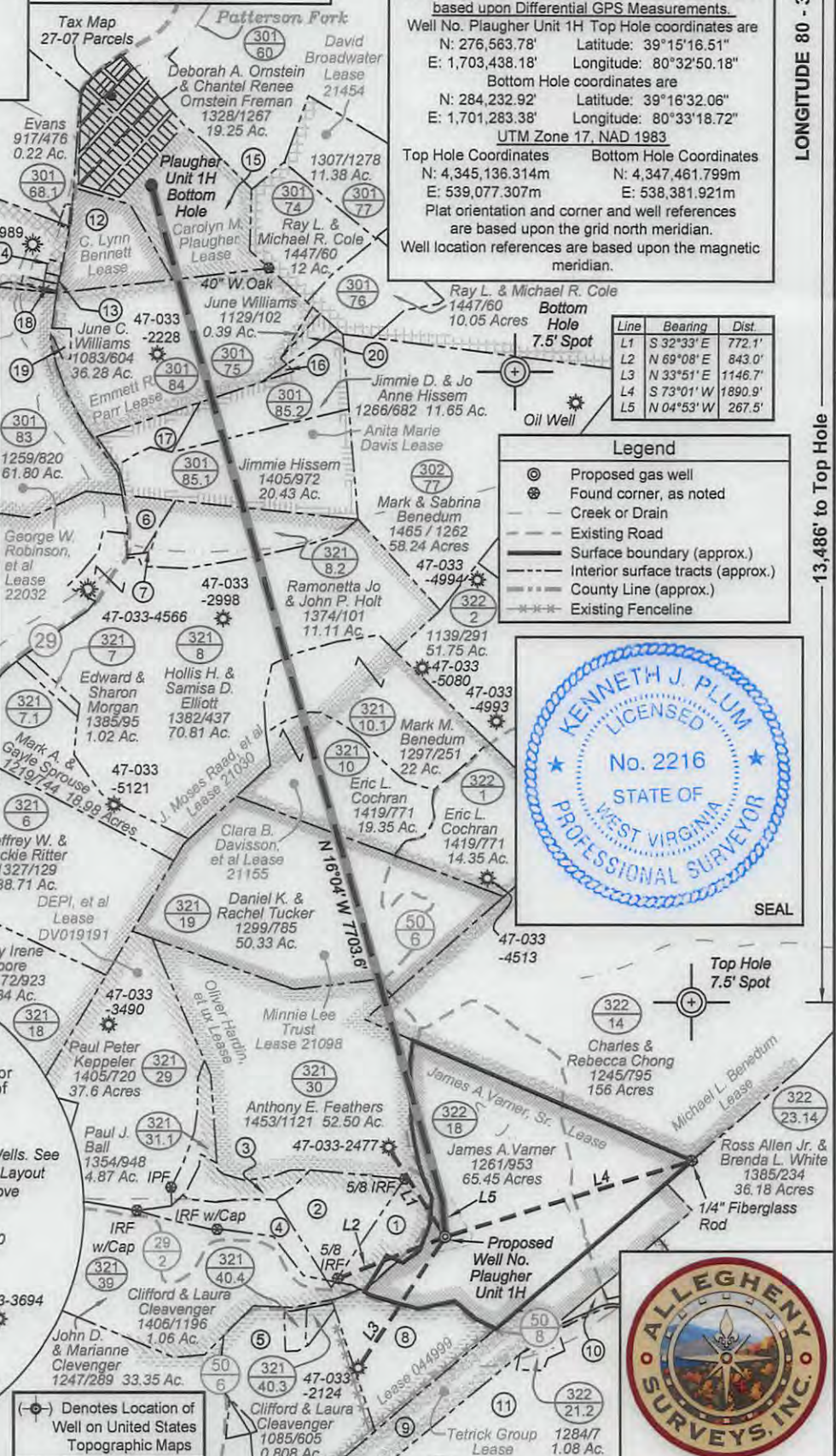
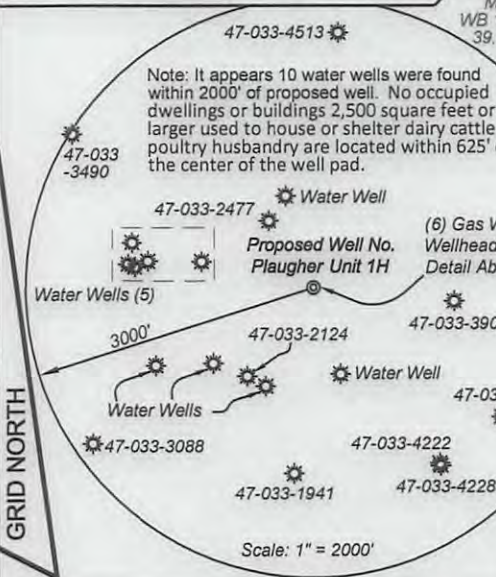
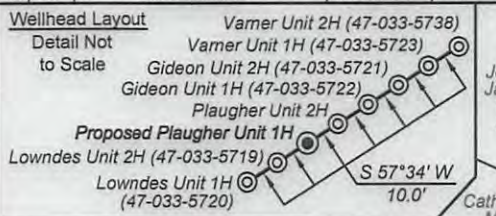
Antero Resources
Well No. Plaugher Unit 1H
Antero Resources Corporation

3,899' to Bottom Hole
 1,744' to Top Hole
 LATITUDE 39 - 17 - 30
 LONGITUDE 80 - 32 - 30

Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Plaugher Unit 1H Top Hole coordinates are
 N: 276,563.78' Longitude: 80°32'50.18"
 E: 1,703,438.18' Longitude: 80°32'50.18"
 Bottom Hole coordinates are
 N: 284,232.92' Longitude: 80°33'18.72"
 E: 1,701,283.38' Longitude: 80°33'18.72"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates N: 4,345,136.314m E: 539,077.307m
 Bottom Hole Coordinates N: 4,347,461.799m E: 538,381.921m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.



| Par | Tax Map 321 Owner | Bk/Pg | Acres |
|-----|---|-----------|-------|
| 1 | 31.2 Patrick J. Shaver | 1427/445 | 5.00 |
| 2 | 31.4 Dan Arnold & Crystal Shahan | 1268/976 | 9.55 |
| 3 | 31.3 Robert Jr. & Betty Matheny | 1114/163 | 3.53 |
| 4 | 31 Carl H. Jr. & Jeanne Adkins | 1356/1050 | 2.35 |
| 5 | 40 Clifford S. Cleavenger, et al | 1407/977 | 25.88 |
| 6 | 9 Archie T. & Patricia A. Howell | 1026/474 | 2.10 |
| 7 | 8.1 Archie T. & Patricia A. Howell | 1232/729 | 0.08 |
| Par | Tax Map 322 Owner | Bk/Pg | Acres |
| 8 | 19 David B. Taylor | 1301/1069 | 14.0 |
| 9 | 20 James A. Varnier | 1199/860 | 16.63 |
| 10 | 21.1 James A. Varnier | 1261/953 | 1.45 |
| 11 | 21 James A. Varnier | 1199/860 | 33.92 |
| Par | Tax Map 301 Owner | Bk/Pg | Acres |
| 12 | 73.1 Lynn C. Bennett and Robert L. & Mary A. Martin | WB113/200 | 9.43 |
| 13 | 71 Greg L. & Shelly Jenkins and Larry B. & Patricia Jenkins | 1275/220 | 0.14 |
| 14 | 72 Alice A. & Jimmy Criss | F111/825 | 0.23 |
| 15 | 73 Carolyn Plaugher | 999/1038 | 16.96 |
| 16 | 84.2 Jimmie D. & Joanne Hissem | 1266/682 | 0.18 |
| 17 | 85.3 Tina M. & Bobby L. Yeager | 1309/412 | 3.28 |
| 18 | 70 Michael Stephen & Victoria Ann Davis | 1255/102 | 0.11 |
| 19 | 84.1 Charles Kenna Williams | 1262/1047 | 0.54 |
| 20 | 85 June Williams | 1129/102 | 3.14 |



| Line | Bearing | Dist. |
|------|------------|---------|
| L1 | S 32°33' E | 772.1' |
| L2 | N 69°08' E | 843.0' |
| L3 | N 33°51' E | 1146.7' |
| L4 | S 73°01' W | 1890.9' |
| L5 | N 04°53' W | 267.5' |

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



FILE NO: 13-36-TM-12
 DRAWING NO: 13-12 Plaugher 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
OIL AND GAS DIVISION

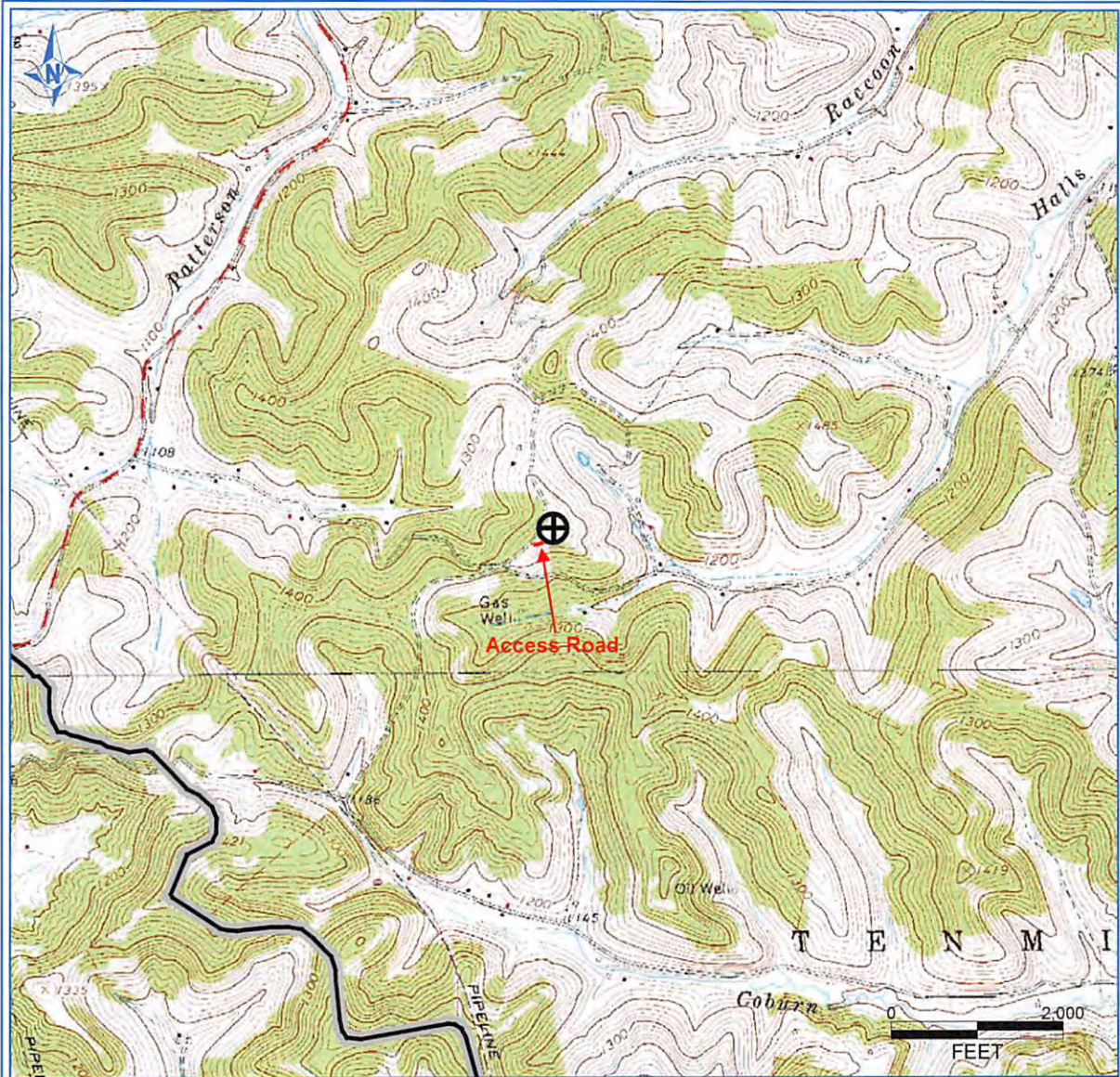
DATE: September 24 2013
 OPERATOR: Well No. Plaugher Unit 1H
 API WELL NO: 47 - 033 - 0579446A
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1453' WATERSHED: Halls Run QUADRANGLE: Salem
 DISTRICT: Tenmile COUNTY: Harrison
 SURFACE OWNER: James A. Varnier ACREAGE: 65.45
 ROYALTY OWNER: James A. Varnier, Sr.; Minnie Lee Trust; Oliver Hardin, et ux LEASE NO: 21098; 21030 ACREAGE: 62.394; 52; 60.5
 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: 7,700' TVD 15,900' MD

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

12/06/2013

33-05794



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Antero Resources Corporation

APPALACHIAN BASIN

Plaugher Unit 1H

Harrison County



REMARKS
 QUADRANGLE: SALEM
 WATERSHED: HALLS RUN
 DISTRICT: TENMILE

Date: 12/19/2012

SDW
10/31/2013

Received
Office of Oil & Gas