

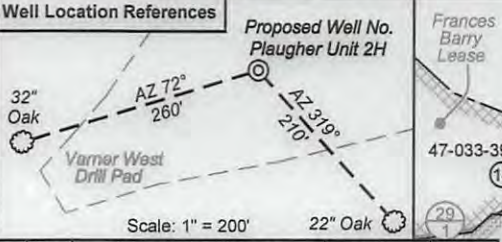
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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

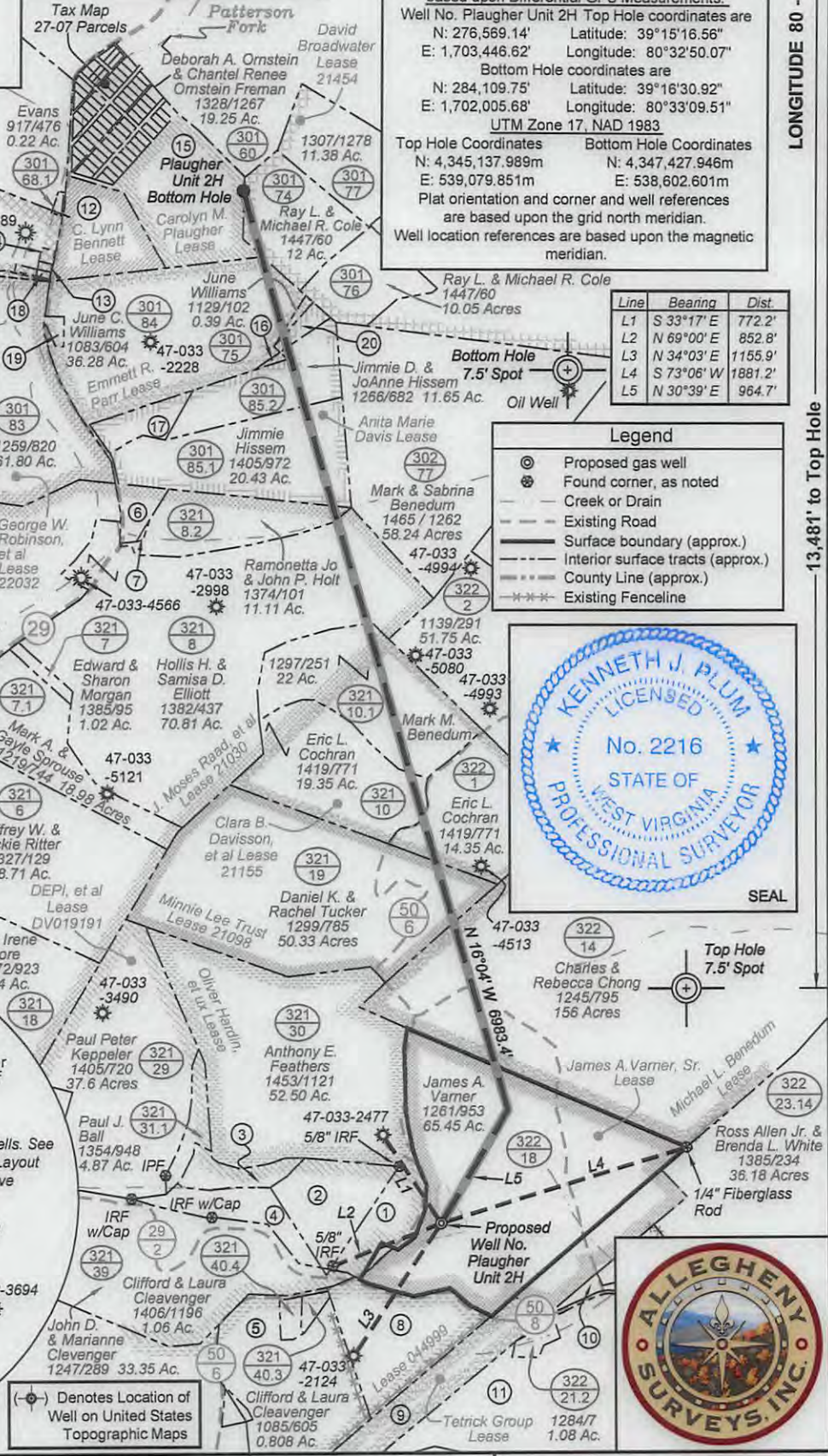
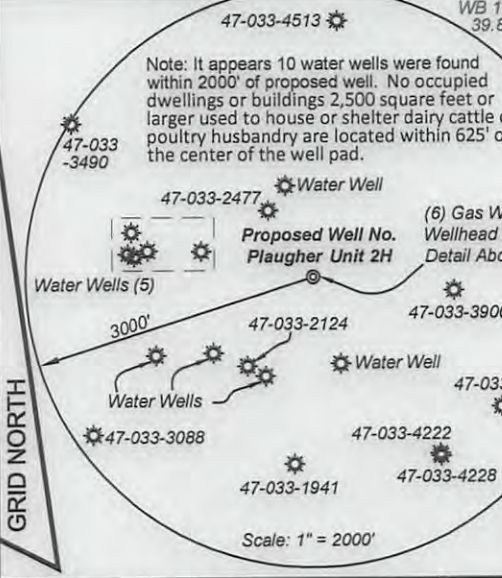
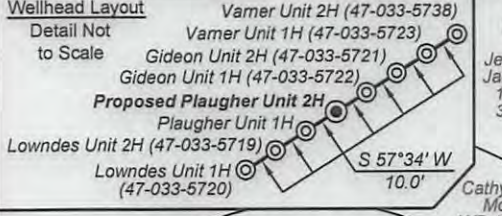
**Antero Resources
 Well No. Plaugher Unit 2H
 Antero Resources
 Corporation**

3,176' to Bottom Hole
 1,735' 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 2H Top Hole coordinates are
 N: 276,569.14' Longitude: 80°32'50.07"
 E: 1,703,446.62' Longitude: 80°33'09.51"
 Bottom Hole coordinates are
 N: 284,109.75' Longitude: 80°33'09.51"
 E: 1,702,005.68' Longitude: 80°33'09.51"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates N: 4,345,137.989m E: 539,079.851m
 Bottom Hole Coordinates N: 4,347,427.946m E: 538,602.601m
 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. Varner	1199/860	16.63
10	21.1 James A. Varner	1261/953	1.45
11	21 James A. Varner	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 33°17' E	772.2'
L2	N 69°00' E	852.8'
L3	N 34°03' E	1155.9'
L4	S 73°06' W	1881.2'
L5	N 30°39' E	964.7'

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 2H
 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

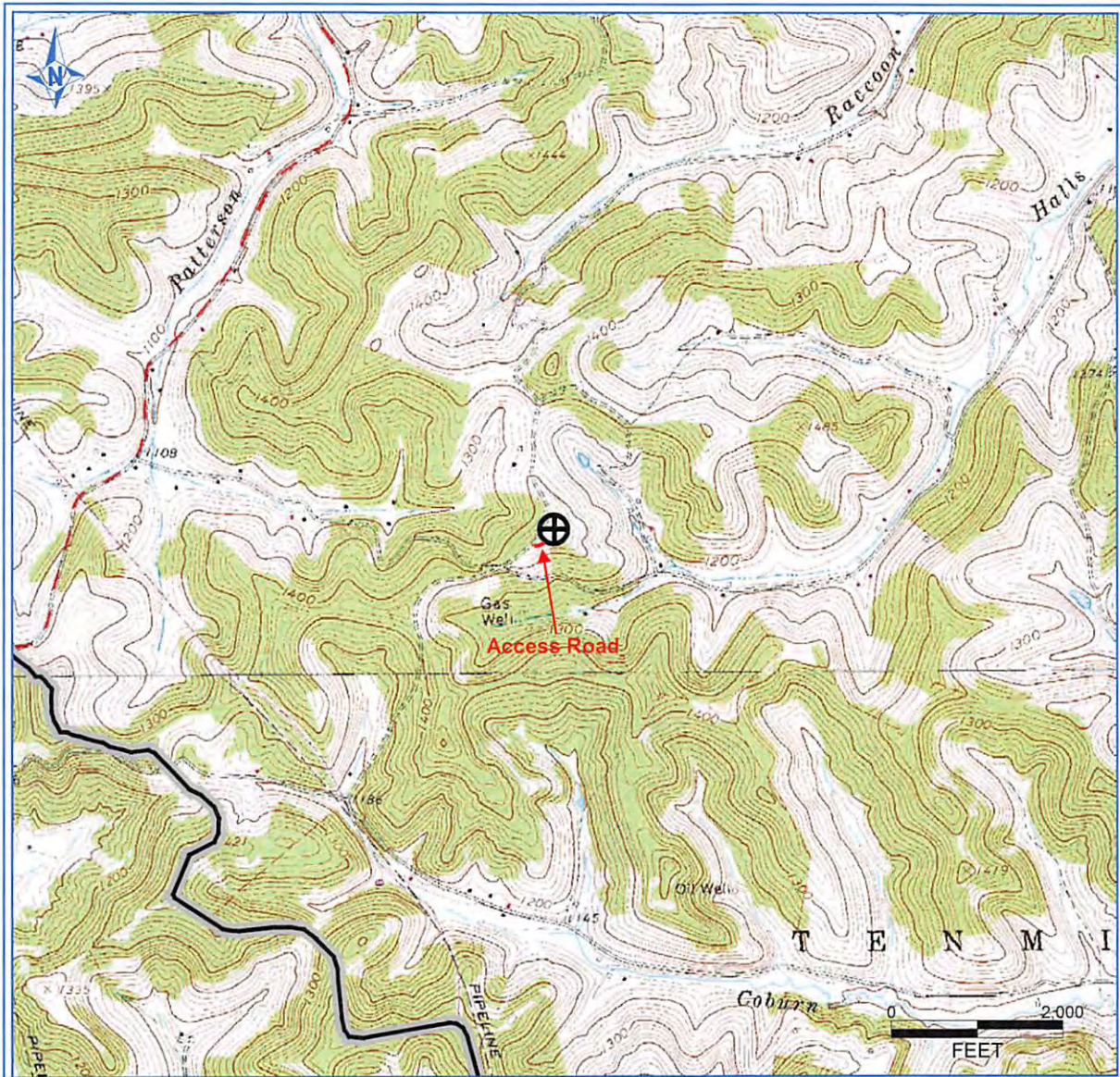
DATE: September 24 2013
 OPERATOR: Well No. Plaugher Unit 2H
 API WELL NO
 47 - 033 - 0579546A
 STATE COUNTY PERMIT

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. Varner Emmett R. Parr, David Broadwater Clara B. Davison, et al; Anita Marie Davis 16.96
 J. Moses Raad, et al; Carolyn M. Plaugher 447; 36.167
 ROYALTY OWNER: James A. Varner, Sr.; Minnie Lee Trust; Michael L. Benedum 21155; 21454 ACREAGE: 65.45
 LEASE NO: 21098; 21030 ACREAGE: 56; 77; 156.5; 82.394; 60.5; 38
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 7,700' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 15,200' 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

33-05795



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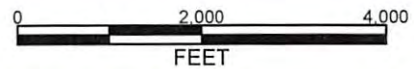
SDW
10/3/2013

Antero Resources Corporation

APPALACHIAN BASIN

Plaugher Unit 2H

Harrison County



REMARKS
 QUADRANGLE: SALEM
 WATERSHED: HALLS RUN
 DISTRICT: TENMILE

Received
Office of Oil & Gas

Date: 12/19/2012

OCT 2013