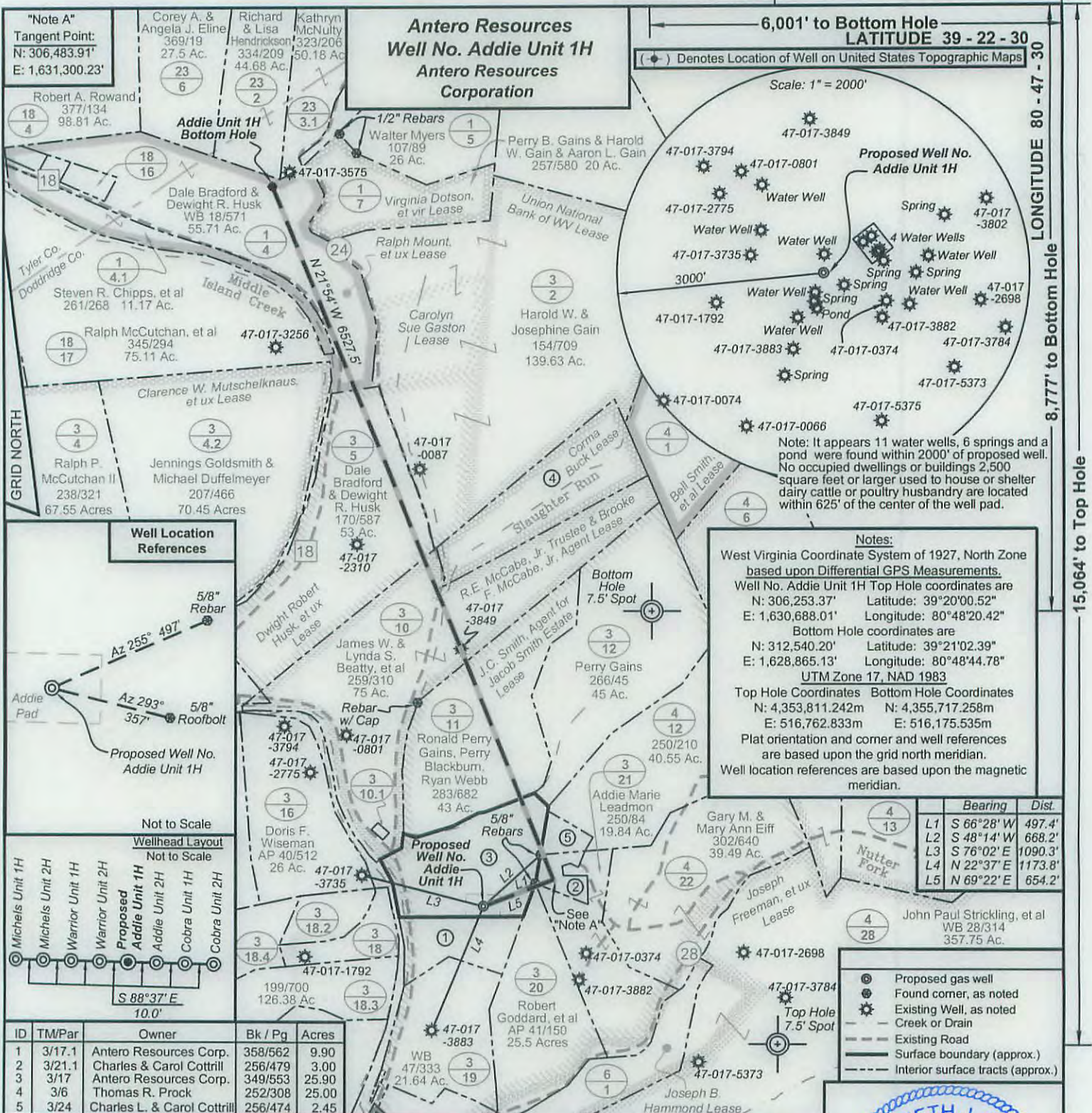


4,178' to Top Hole

6,001' to Bottom Hole
LATITUDE 39 - 22 - 30

LONGITUDE 80 - 47 - 30

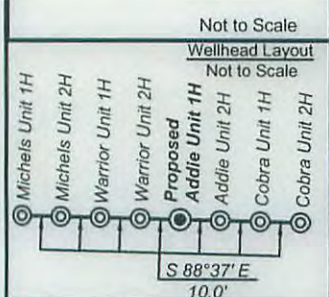
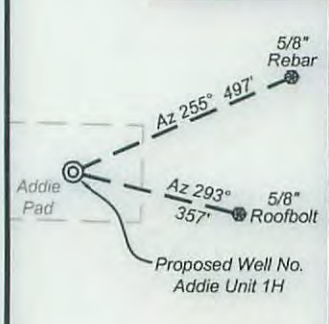
15,064' to Top Hole



Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Addie Unit 1H Top Hole coordinates are
 N: 306,253.37' Latitude: 39°20'00.52"
 E: 1,630,688.01' Longitude: 80°48'20.42"
 Bottom Hole coordinates are
 N: 312,540.20' Latitude: 39°21'02.39"
 E: 1,628,865.13' Longitude: 80°48'44.78"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,353,811.242m N: 4,355,717.258m
 E: 516,762.833m E: 516,175.535m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

| Bearing | Dist. |
|---------------|---------|
| L1 S 66°28' W | 497.4' |
| L2 S 48°14' W | 668.2' |
| L3 S 76°02' E | 1090.3' |
| L4 N 22°37' E | 1173.8' |
| L5 N 69°22' E | 654.2' |

Well Location References



| ID | TM/Par | Owner | Bk / Pg | Acres |
|----|--------|-----------------------------|---------|-------|
| 1 | 3/17.1 | Antero Resources Corp. | 358/562 | 9.90 |
| 2 | 3/21.1 | Charles & Carol Cottrill | 256/479 | 3.00 |
| 3 | 3/17 | Antero Resources Corp. | 349/553 | 25.90 |
| 4 | 3/6 | Thomas R. Prock | 252/308 | 25.00 |
| 5 | 3/24 | Charles L. & Carol Cottrill | 256/474 | 2.45 |

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



FILE NO: 55-30-WU-15
 DRAWING NO: 55-15 Addie 1H Well Plat
 SCALE: 1" = 1200'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: February 11 20 16
 OPERATOR'S WELL NO. Addie Unit 1H
 API WELL NO 444
 47 - 017 - 06764
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: Proposed 890' Existing 895' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
 DISTRICT: West Union COUNTY: Doornick
 SURFACE OWNER: Antero Resources Corp. Ralph Mount, et ux J.C. Smith, Agent for Jacob Smith Estate ACREAGE: 25.9
 ROYALTY OWNER: R. E. McCabe, Jr. Trustee & Brooke F. McCabe, Jr. Agent LEASE NO: ACREAGE: 53; 290; 75; 68
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 6,900' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 14,800' MD

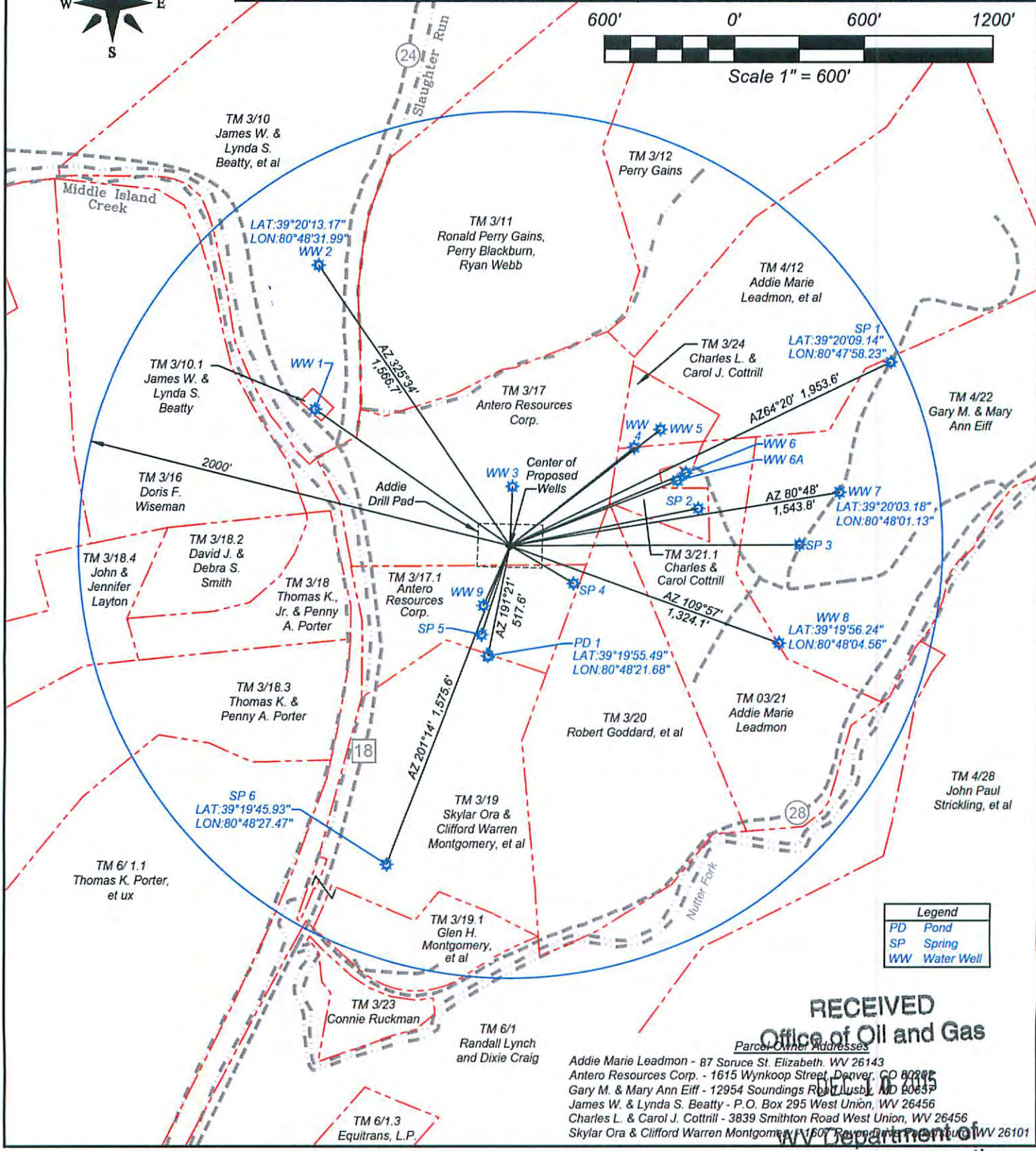
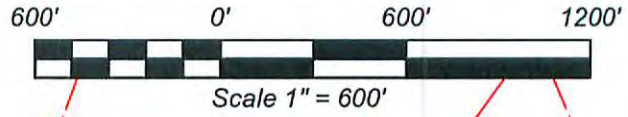
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313

17-06264

**Addie Drill Pad
Water Well
& Spring Map**



| ID | LAT/LONG | AZ/DIST | ID | LAT/LONG | AZ/DIST |
|-------|-----------------------------------|---------------------|-------|-----------------------------------|---------------------|
| WW 1 | LAT:39°20'06.59" LON:80°48'32.07" | AZ 304°49' 1,098.4' | WW 9 | LAT:39°19'57.75" LON:80°48'22.00" | AZ 203°54' 304.7' |
| WW 3 | LAT:39°20'03.22" LON:80°48'20.39" | AZ 02°17' 273.2' | WW 10 | LAT:39°19'41.58" LON:80°48'29.32" | AZ 200°46' 2,038.2' |
| WW 4 | LAT:39°20'05.07" LON:80°48'13.22" | AZ 51°55' 733.3' | SP 2 | LAT:39°20'02.35" LON:80°48'09.41" | AZ 78°51' 889.3' |
| WW 5 | LAT:39°20'05.91" LON:80°48'11.70" | AZ 52°33' 879.2' | SP 3 | LAT:39°20'00.75" LON:80°48'03.44" | AZ 89°51' 1,339.0' |
| WW 6 | LAT:39°20'03.95" LON:80°48'10.17" | AZ 67°39' 881.4' | SP 4 | LAT:39°19'58.83" LON:80°48'16.68" | AZ 120°43' 344.6' |
| WW 6A | LAT:39°20'03.60" LON:80°48'10.64" | AZ 68°52' 833.5' | SP 5 | LAT:39°19'56.44" LON:80°48'22.08" | AZ 197°46' 432.0' |



| Legend | |
|--------|------------|
| PD | Pond |
| SP | Spring |
| WW | Water Well |

RECEIVED
Office of Oil and Gas

Parcel Owner Addresses
 Addie Marie Leadmon - 87 Spruce St. Elizabeth, WV 26143
 Antero Resources Corp. - 1615 Wynkoop Street, Denver, CO 80202
 Gary M. & Mary Ann Eiff - 12954 Soundings Road Lusby, MD 20637
 James W. & Lynda S. Beatty - P.O. Box 295 West Union, WV 26456
 Charles L. & Carol J. Cottrill - 3839 Smithton Road West Union, WV 26456
 Skylar Ora & Clifford Warren Montgomery, et al - 1607 Republic Road West Union, WV 26101

Environmental 02/26/2016