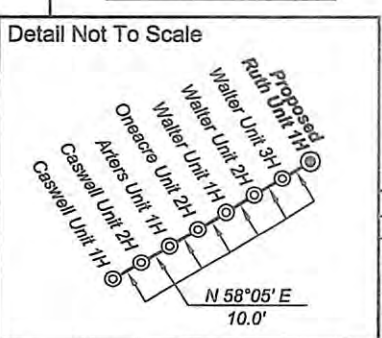
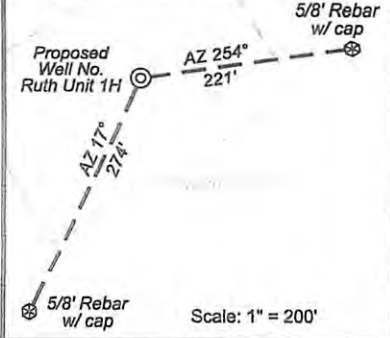


Antero Resources
Well No. Ruth Unit 1H
Antero Resources Appalachian Corporation

(⊕) Denotes location of well on United States topographic maps

1,576' to Bottom Hole
LATITUDE 39 - 15 - 00
LONGITUDE 80 - 32 - 30

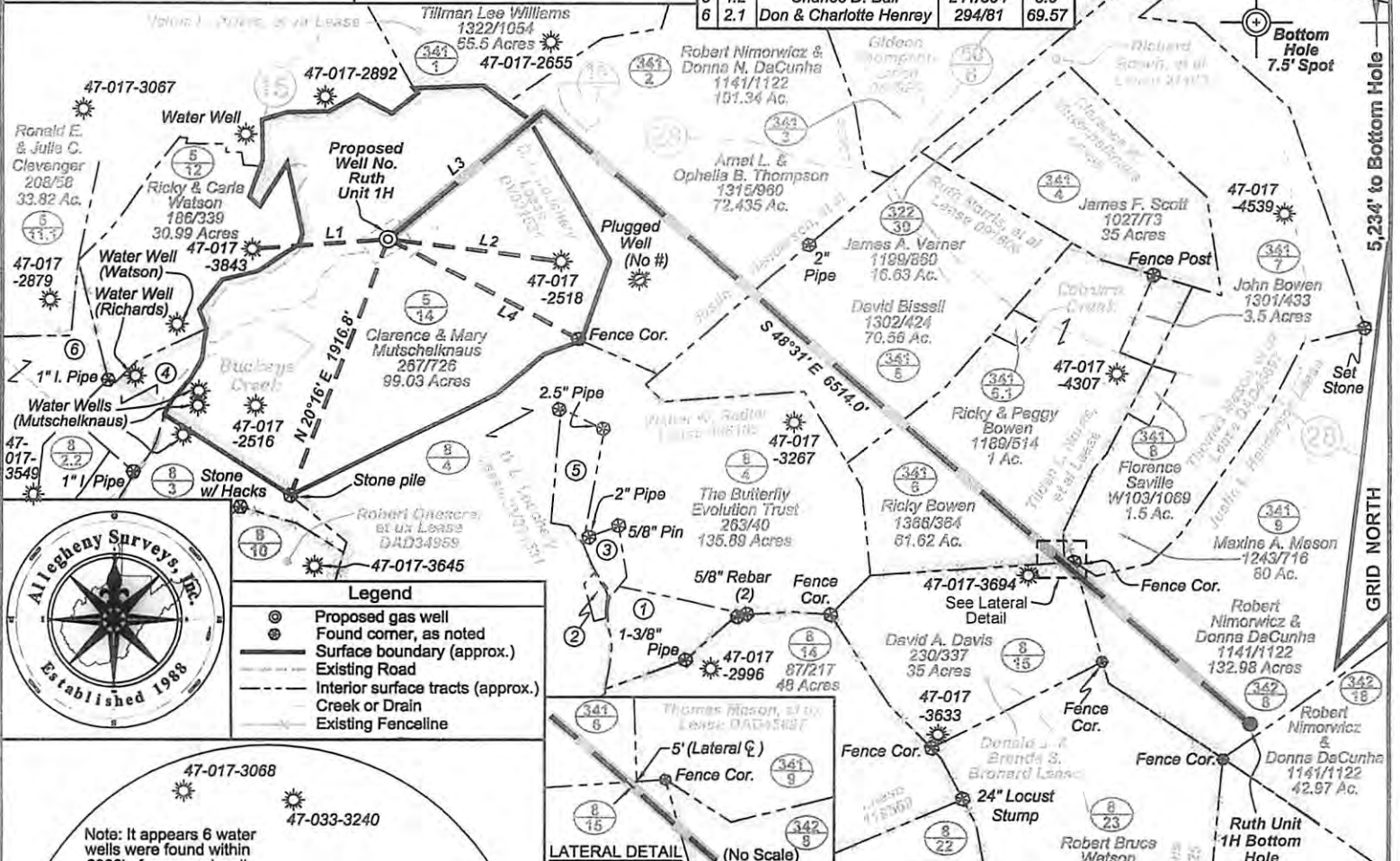
Well Location References



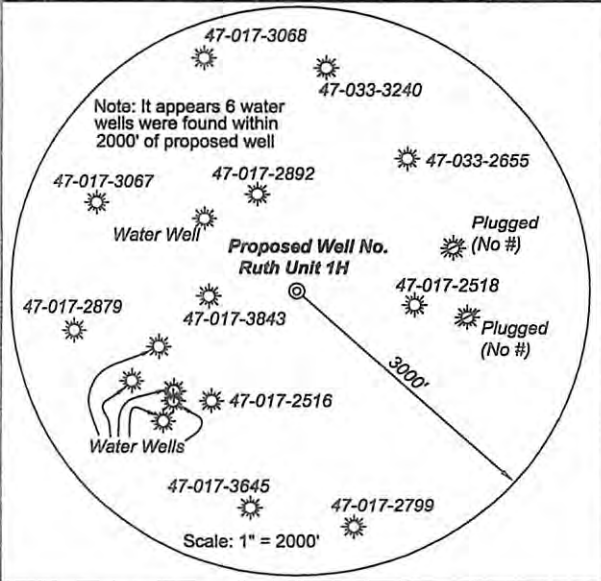
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

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

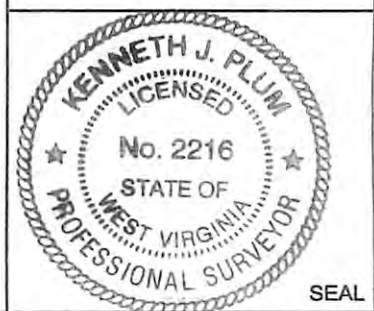
Tax Map 8 Parcels				Line	Bearing	Distance
Par	Owner	DB/Pg	Acres	L1	N 85°42' E	933.5'
1	4.1 Robert & Holly Davis	247/672	8.69	L2	N 82°25' W	1193.8'
2	4.3 Robert & Holly Davis	247/672	0.79	L3	N 49°20' E	1395.3'
3	4.5 Dave & Beatrice Kearns	263/40	2.0	L4	N 61°58' W	1479.0'
4	3.1 Darrell R. Richards	281/289	9.35			
5	4.2 Charles D. Ball	241/504	5.0			
6	2.1 Don & Charlotte Henry	294/81	69.57			



- 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. Ruth Unit 1H Top Hole coordinates are
 N: 273,046.80 Latitude: 39°14'41.05"
 E: 1,697,491.57 Longitude: 80°34'05.24"
 Bottom Hole coordinates are
 N: 269,641.23 Latitude: 39°14'08.09"
 E: 1,703,430.15 Longitude: 80°32'49.26"
UTM Zone 17, NAD 1983
 Top Hole Coordinates: Bottom Hole Coordinates:
 N: 4,344,034.628m N: 4,343,027.297m
 E: 537,283.488m E: 539,110.010m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.



FILE NO: 243-36-TM-12
 DRAWING NO: 243-12 Ruth 1H Well
 SCALE: 1" = 1200'
 MINIMUM DEGREE OF ACCURACY:
 Submeter
 PROVEN SOURCE OF ELEVATION:
 WVDOT, Bridgeport, WV

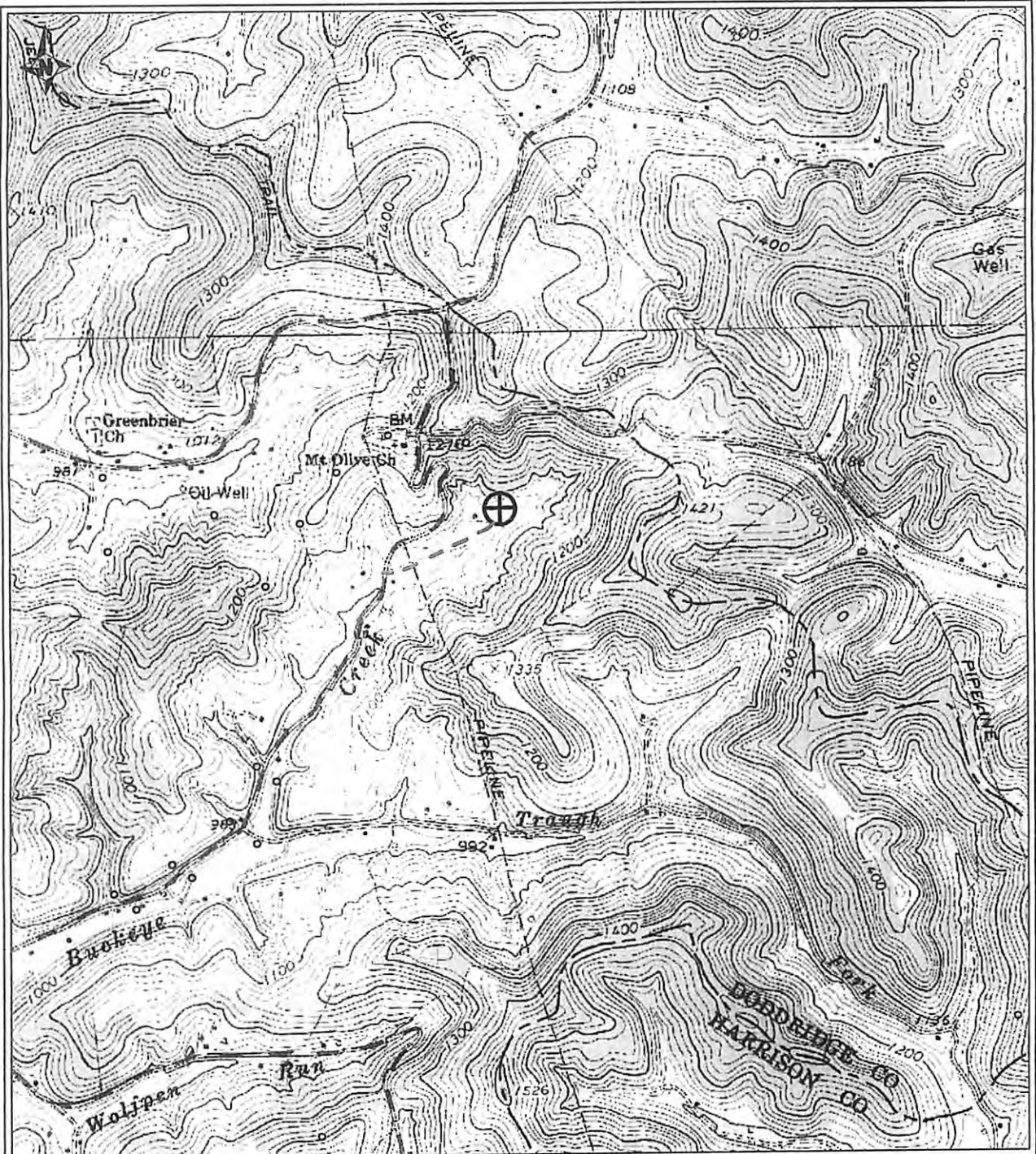
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

DATE: October 5 20 12
 OPERATOR'S WELL NO. Ruth Unit 1H
 API WELL NO:
 47 - 017 - 06164H 6
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1050' WATERSHED: Buckeye Creek QUADRANGLE: Big Isaac
 DISTRICT: Greenbrier Justin L. Henderson COUNTY: Doddridge
 SURFACE OWNER: Clarence & Mary Mutschelknaus Tilden L. Norris, et al ACREAGE: 99.03 66.12 35; 1026.936
 ROYALTY OWNER: D. L. Louchery; Justin Henderson, et al; Ruth Norris et al LEASE NO: DV021531; 091606 ACREAGE: 172; 1012; 70.56
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) TVD 7,400'
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: MD 14,300'

WELL OPERATOR: Antero Resources Appalachian Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1625 17th Street ADDRESS: 3400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313

01/18/2013



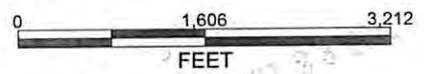
PETRA 7/6/2012 12:05:34 PM

Antero Resources Corporation

APPALACHIAN BASIN

Ruth Unit 1H

Harrison County



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

By: ECM

July 6, 2012

01/18/2013

h9190-11