

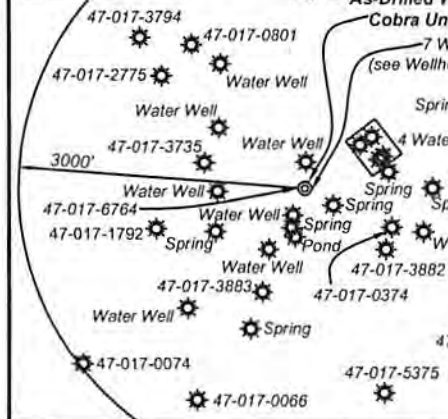
**Antero Resources**  
**Well No. Cobra Unit 1H**  
**As-Drilled Plat**  
**Antero Resources Corporation**

**Leases**

A. Jerry L. Myer Lease  
 B. Thomas Lee White Lease  
 C. S. A. Smith & C. Burke Morris Lease  
 D. Kendra K. Cottrill Wyke Lease  
 E. Asia D. Cumberlanddge, et al Lease

**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Cobra Unit 1H Top Hole coordinates are N: 306,252.82' Latitude: 39°20'00.52" E: 1,630,707.87' Longitude: 80°48'20.16"  
 Bottom Hole coordinates are N: 314,150.23' Latitude: 39°21'18.44" E: 1,629,802.20' Longitude: 80°48'33.15"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,353,811.176m N: 4,356,212.529m  
 E: 516,768.886m E: 516,452.830m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

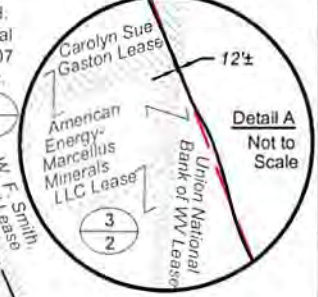
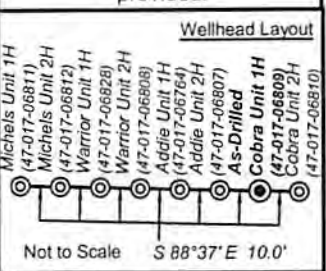
Note: It appears 13 water wells, 7 springs and a pond were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.



ID	TMP/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
6	1/7	Perry Gains & Aaron Gain	329/229	20.0
7	1/10.1	Jason & Jennifer Bagley	248/397	1.42
8	3/21	Addie Marie Leadmon	250/84	19.84
9	1/10	Judith Ann Bagley	WB 32/342	10.09
10	4/22	Gary M. & Mary Ann Eiff	302/640	39.49
11	1/1.1	Myron B. & Betty L. White	171/18	0.57
12	1/1.2	Charles & Roberta Beagle	224/499	4.50
13	1/1	Myron B. & Betty L. White	210/534	14.88

(+) Denotes Location of Well on United States Topographic Maps

Top Hole Coordinates verified by survey grade GPS. As-drilled data and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.



- Legend**
- Proposed gas well
  - Monument, as noted
  - Existing Well, as noted
  - Creek or Drain
  - Existing Road
  - Surface boundary (approx.)
  - Interior surface tracts (approx.)



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.

*Bradley D. Miller*  
 Bradley D. Miller, P.S. 2167



FILE NO: 45-30-WU-14  
 DRAWING NO: Cobra 1H As Drilled 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: June 7 20 18  
 OPERATOR'S WELL NO. Cobra Unit 1H  
 API WELL NO  
 47 - 017 - 06809  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 891' As-Drilled WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union  
 DISTRICT: West Union Union National Bank of WV; Corma Buck; Joseph Freeman, et ux; COUNTY: Doddridge 600'  
 SURFACE OWNER: Antero Resources Corp. J.C. Smith, Agent for Jacob Smith Estate; Virginia Dotson, et vir ACREAGE: 25.9 20; 79; 28.1  
 ROYALTY OWNER: R. E. McCabe, Jr. Trustee & Brooke F. McCabe, Jr, Agent LEASE NO: ACREAGE: 25; 290; 75; 20  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,474.6' TVD 15,090' 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