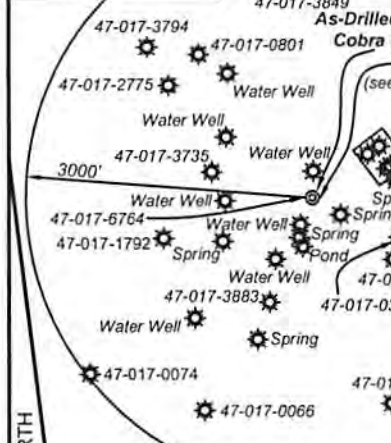


Antero Resources
Well No. Cobra Unit 2H
As-Drilled Plat
Antero Resources Corporation

Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Cobra Unit 2H Top Hole coordinates are
 N: 306,252.54' Longitude: 39°20'00.52"
 E: 1,630,717.97' Longitude: 80°48'20.04"
 Bottom Hole coordinates are
 N: 314,985.15' Longitude: 39°21'26.76"
 E: 1,630,277.39' Longitude: 80°48'27.26"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,353,811.142m N: 4,356,469.309m
 E: 516,771.965m E: 516,593.353m
 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.

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



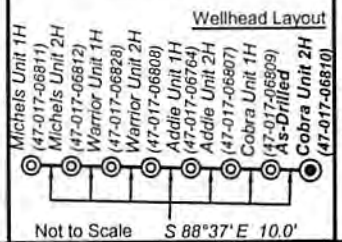
Leases

A.	Jerry L. Myer Lease
B.	Thomas Lee White Lease
C.	Sam Horton Lease
D.	Kendra K. Cottrill Wyke Lease
E.	Jeffrey W. Smith Lease

Legend

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

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
6	1/7	Perry Gains & Aaron Gain	329/229	20.00
7	3/20	Robert Goddard, et al	AP41/150	25.50
8	3/21	Addie Marie Leadmon	250/314	12.28
9	1/10	Judith Ann Bagley	WB 32/34	20.88
10	4/28	John Paul Strickling, et al	WB28/314	357.75
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
14	23/4	Larry R. & Kim Henthorn	370/841	1.00
15	23/3.1	Kathryn McNulty	323/206	50.18
16	21/36	Thomas & Richard Martin	142/198	28.99



Not to Scale S 88°37' E 10.0'

Bearing	Dist.	Detail A
L1	S 64°57' W 470.1'	4
L2	S 46°25' W 646.8'	4
L3	S 76°21' E 1119.6'	4
L4	N 65°11' W 963.0'	4

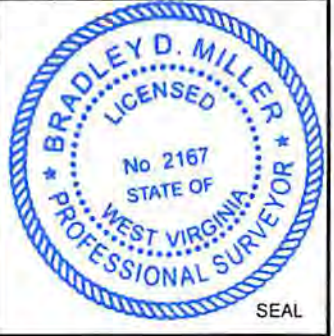


Top Hole Coordinates verified by survey grade GPS. As-drilled data and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has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



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 2H 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 2H
 API WELL NO
 47 - 017 - 06810
 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 E.O. Dawson, et al; Kendra K. Cottrill Wyke COUNTY: Doddridge 600;
 SURFACE OWNER: Antero Resources Corp. W.F. Smith, et al; Thomas Lee White; Larry P. Smith ACREAGE: 25.9 22.5; 50
 ROYALTY OWNER: J.C. Smith, Agent for Jacob Smith Estate; Bell Smith, et al LEASE NO: ACREAGE: 28.1; 45; 290; 79

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: 6,484.5' TVD
 16,175' 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