

11,215' to Bottom Hole

4,218' to Top Hole
LATITUDE 39 - 20 - 00

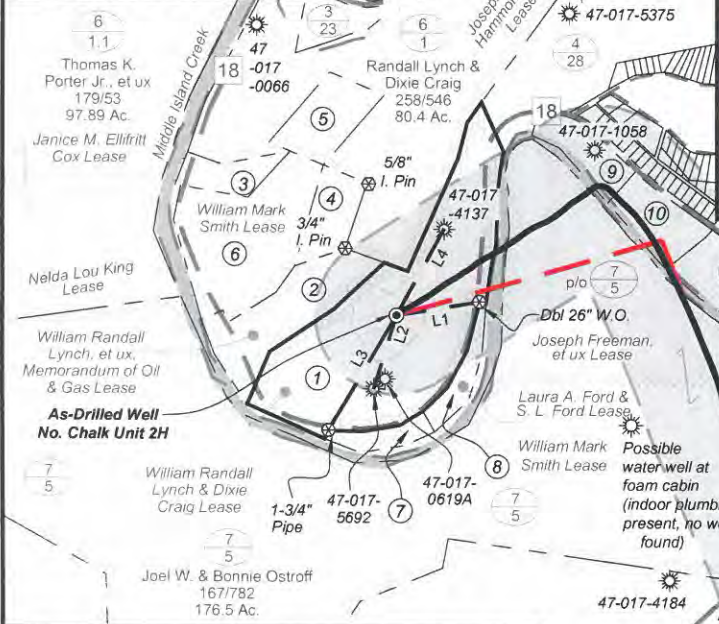
02/08/2019

TOP LONGITUDE 80 - 47 - 30
BTM LONGITUDE 80 - 45 - 00

3,917' to Top Hole

11,179' to Bottom Hole

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



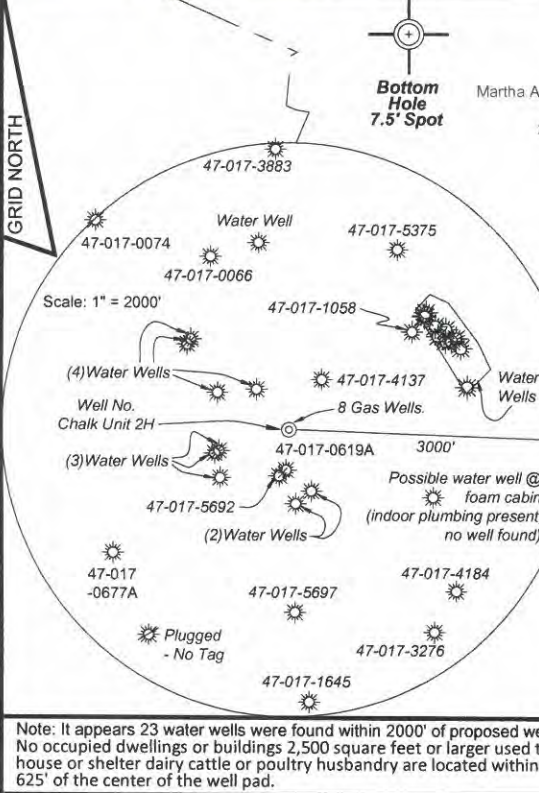
TM/Par	Bk / Pg	Acres	Owner(s)	
1	6/2	214 / 279	32.19	William Randall Lynch & Dixie Janet Craig
2	6/2.5	253 / 222	8.66	
3	6/2.8	305 / 419	2.68	
4	6/2.6	266 / 36	3.52	Dominion Field Services, Inc.
5	6/1.3	305 / 416	4.68	
6	6/2.4	163 / 44	14.98	Equitrans, L.P.
7	6/2.3	197 / 659	4.15	Carol & Alfreda Painter
8	6/2.7	294 / 473	2.16	Randy K. Smith
9	6/7	AP 35 / 212	3.46	Debra L. Stout
10	7/4.2	293 / 340	4.19	Joseph D./Brittany C. McConnell
11	7/4.1	301 / 466	5.49	Robert P. Holden & Sherri M. Bailey
12	7/4	301 / 464	6.14	
13	6/3.1	237 / 371	8.78	Mason Memorial Park
14	7/23	129 / 38	99.52	Nelson Bruffy, et ux

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.

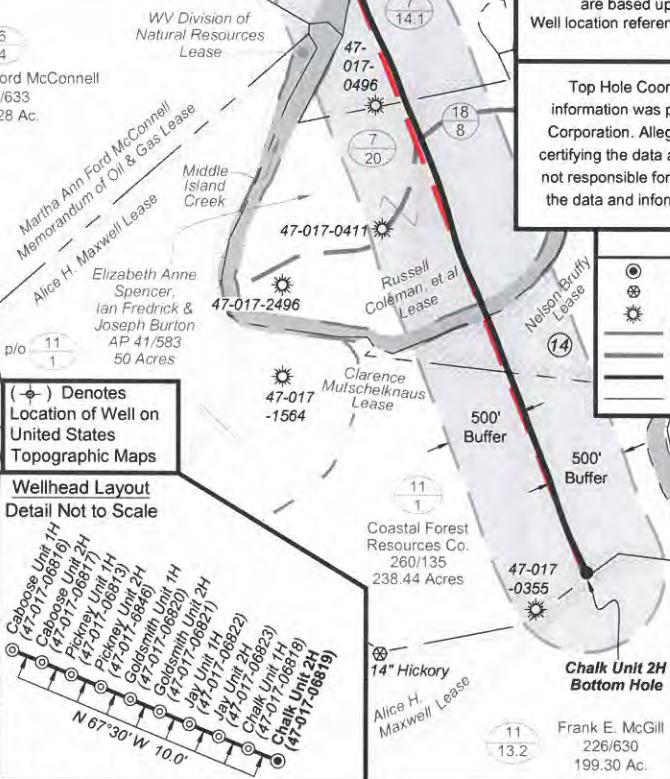
Bradley D. Miller
Bradley D. Miller, P.S. 2167

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Chalk Unit 2H Top Hole coordinates are N: 302,226.70' Longitude: 39°19'20.69" E: 1,630,430.19' Longitude: 80°48'22.95"
Bottom Hole coordinates are N: 294,797.89' Longitude: 39°18'07.92" E: 1,635,217.72' Longitude: 80°47'20.68"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,352,583.197m N: 4,350,344.370m
E: 516,704.756m E: 518,201.031m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Top Hole Coordinates, 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.



Note: It appears 23 water wells 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.



FILE NO: 237-30-WU-14
DRAWING NO: Chalk 2H As-Drilled Well Plat
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Marietta, OH

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

DATE: January 16 2019
Operator's Well No. Chalk Unit 2H
API WELL NO
47 - 017 - 06819
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built Grade - 843' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
DISTRICT: West Union COUNTY: Doddridge 32.15
SURFACE OWNER: William Randall Lynch & Dixie Craig Clarence Mutschelknaus; WV Division of Natural Resources; Russell Coleman, et al; Nelson Bruffy; ACREAGE: 32.19 600; 180; 56.07
ROYALTY OWNER: William Randall Lynch & Dixie Craig; Joseph Freeman, et ux; Ida F. Ford (2) LEASE NO: ACREAGE: 50; 100; 102.85
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,543' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 15,388' 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