

7,562' to Bottom Hole

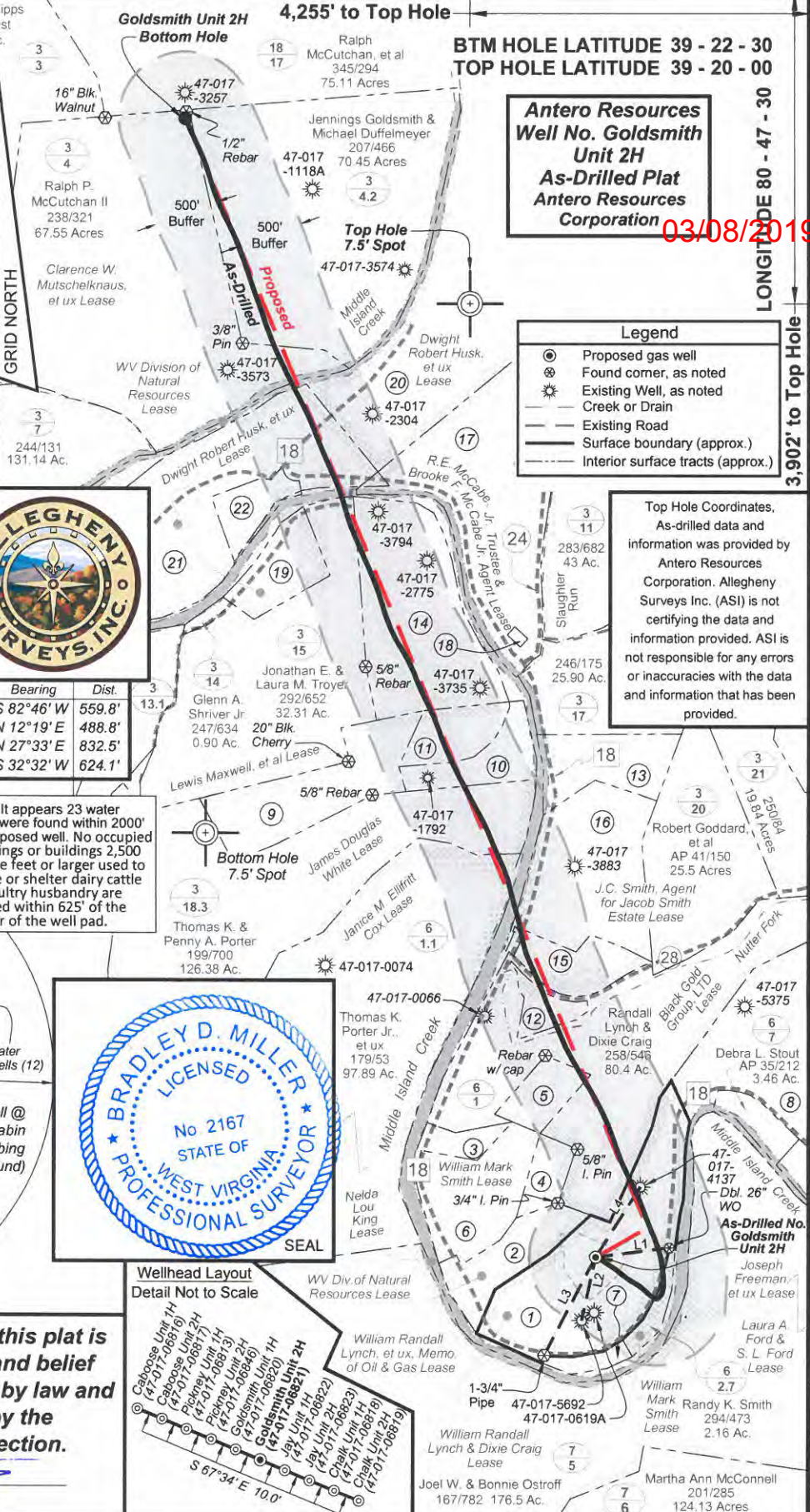
4,255' to Top Hole

BTM HOLE LATITUDE 39 - 22 - 30
TOP HOLE LATITUDE 39 - 20 - 00

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

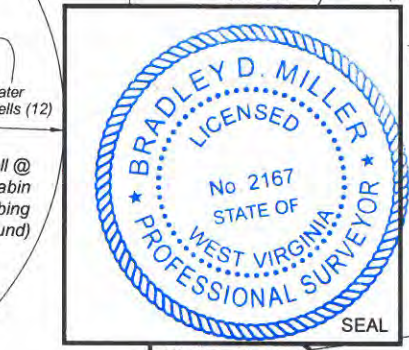
03/08/2019

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	4/28	WB 28/314	357.75	John Paul Strickling, et al
9	3/18.4	286 / 473	16.58	John & Jennifer Layton
10	3/18	228 / 723	6.84	Thomas K. Jr. / Penny A. Porter
11	3/18.2	232 / 135	6.00	David J. & Debra S. Smith
12	3/23	WB 47/723	3.00	Connie Ruckman
13	3/17.1	261 / 508	9.90	Michael A. Montgomery
14	3/16	AP 40/512	26.00	Doris F. Wisman
15	3/19.1	265 / 582	7.00	Glen H. Montgomery, et al
16	3/19	WB 47/333	21.64	Skylar Ora & Clifford Warren Montgomery, et al
17	3/10	259 / 310	75.00	James W. & Lynda S. Beatty
18	3/10.1	259 / 312	0.25	
19	3/9	239 / 114	7.39	Mary Hill Frame
20	3/5	170 / 587	53.00	Dale Bradford & Dewight R. Husk
21	3/8	202 / 8	49.52	Joseph L. & Marla McConnell
22	3/8.1	286 / 218	4.48	Charles A. & Ronda Gay Ford

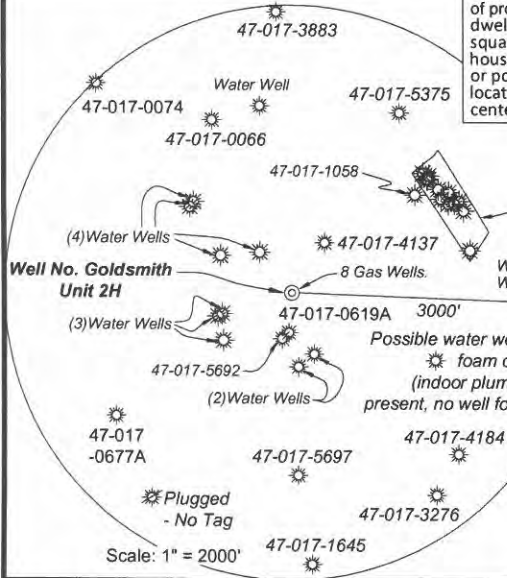


Bearing	Dist.
L1 S 82°46' W	559.8'
L2 N 12°19' E	488.8'
L3 N 27°33' E	832.5'
L4 S 32°32' W	624.1'

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.



Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Goldsmith Unit 2H Top Hole coordinates are
N: 302,241.67' Latitude: 39°19'20.83"
E: 1,630,393.47' Longitude: 80°48'23.42"
Bottom Hole coordinates are
N: 310,785.35' Latitude: 39°20'44.82"
E: 1,627,304.27' Longitude: 80°49'04.32"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,352,587.571m N: 4,355,174.692m
E: 516,693.493m E: 515,708.939m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.



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: 201-30-WU-14
DRAWING NO: Goldsmith 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. Goldsmith Unit 2H
API WELL NO
47 - 017 - 06821
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 WV Division of Natural Resources; William Mark Smith; Black Gold Group, LTD; William Randall Lynch & Dixie Craig; COUNTY: Doddridge 20.49; 56.07; 82.21; 290; 150; SURFACE OWNER: William Randall Lynch & Dixie Craig ACREAGE: 32.19 32.15; 78.75; 82.21; 290; 150; ROYALTY OWNER: Clarence W. Mutschelknaus, et ux; James Douglas White; Lewis Maxwell, et al LEASE NO: ACREAGE: 168; 61.361; 105
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,419' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 15,769' 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