

8,276' to Bottom Hole

4,264' to Top Hole
BTM LATITUDE 39 - 22 - 30
TOP LATITUDE 39 - 20 - 00

02/08/2019

3,898' to Top Hole
10,591' to Bottom Hole

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

| TM/Par | Bk / Pg | Acres | Owner(s) |
|--------|---------|-----------|----------|
| 1 | 6/2 | 214 / 279 | 32.19 |
| 2 | 6/2.5 | 253 / 222 | 8.66 |
| 3 | 6/2.8 | 305 / 419 | 2.68 |
| 4 | 6/2.6 | 266 / 36 | 3.52 |
| 5 | 6/1.3 | 305 / 416 | 4.68 |
| 6 | 6/2.4 | 163 / 44 | 14.98 |
| 7 | 6/2.3 | 197 / 659 | 4.15 |
| 8 | 4/28 | WB 28/314 | 357.75 |
| 9 | 3/15.1 | 235 / 236 | 0.56 |
| 10 | 3/18 | 228 / 723 | 6.84 |
| 11 | 3/18.2 | 232 / 135 | 6.00 |
| 12 | 3/23 | WB 47/723 | 3.00 |
| 13 | 3/8.1 | 286 / 218 | 4.48 |
| 14 | 3/9 | 239 / 114 | 7.39 |
| 15 | 3/19.1 | 265 / 582 | 7.00 |
| 16 | 3/14 | 247 / 634 | 0.90 |

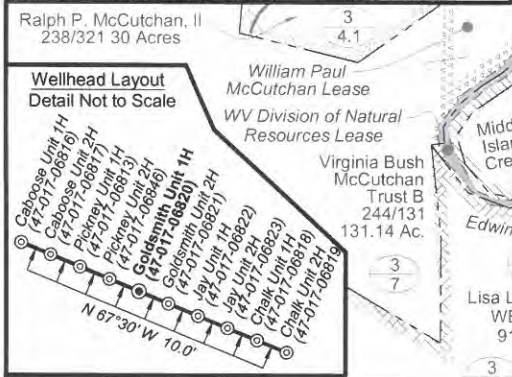
260/379 Goldsmith Unit 1H Bottom Hole
132.61 Ac. 345/294 75.11 Ac.

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.

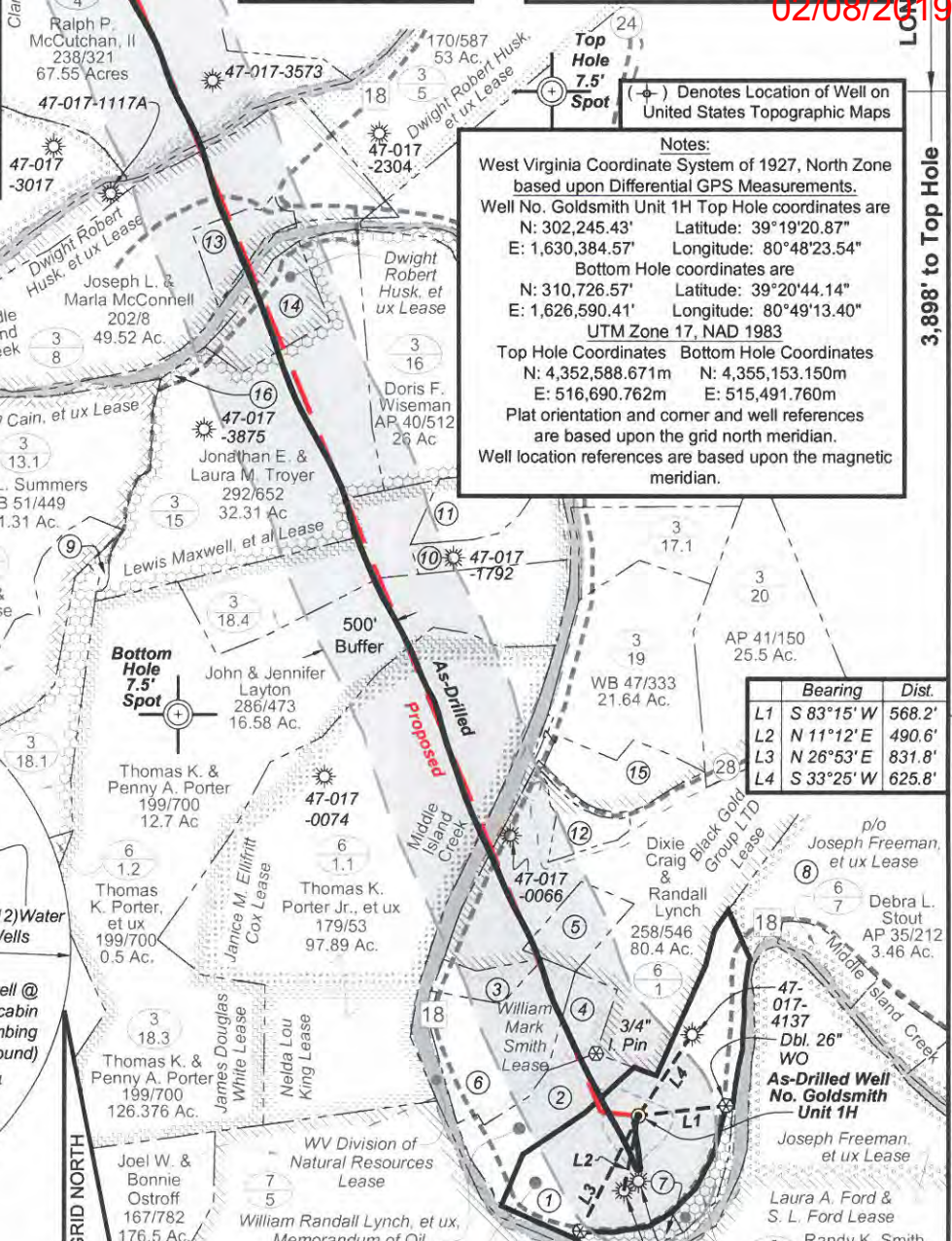
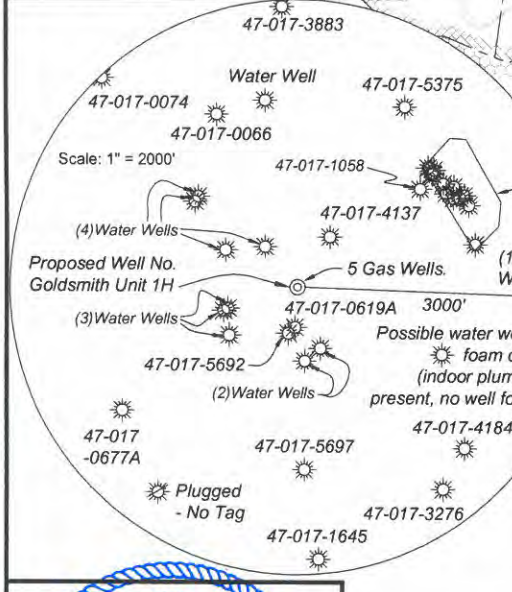
Legend

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

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements. Well No. Goldsmith Unit 1H Top Hole coordinates are N: 302,245.43' Latitude: 39°19'20.87" E: 1,630,384.57' Longitude: 80°48'23.54" Bottom Hole coordinates are N: 310,726.57' Latitude: 39°20'44.14" E: 1,626,590.41' Longitude: 80°49'13.40" UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,352,588.671m N: 4,355,153.150m
E: 516,690.762m E: 515,491.760m
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 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.



| Bearing | Dist. |
|---------|-------------------|
| L1 | S 83°15' W 568.2' |
| L2 | N 11°12' E 490.6' |
| L3 | N 26°53' E 831.8' |
| L4 | S 33°25' W 625.8' |



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 1H As-Drilled 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 1H
API WELL NO
47 - 017 - 06820
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; COUNTY: Doddridge
SURFACE OWNER: William Randall Lynch & Dixie Craig; William Randall Lynch, et ux, Memorandum of Oil & Gas Lease; ACREAGE: 32.19 32.15; 8.66; 78.75; 20.49; 82.21; 150;
ROYALTY OWNER: Clarence W. Mutschelknaus, et ux; James Douglas White; Janice M. Ellifritt Cox 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
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,421' TVD 15,789' 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