

9,563' to Top Hole

2,958' to Bottom Hole

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

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

285' to Top Hole

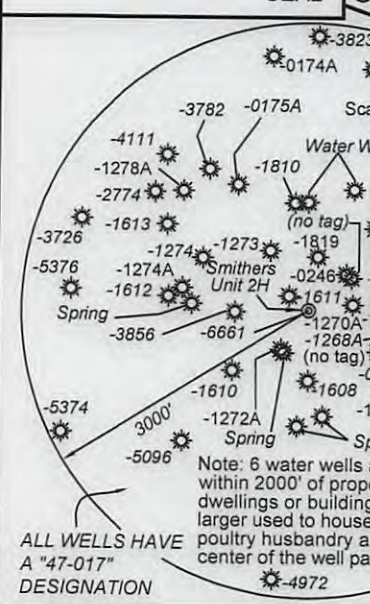
6,417' to Bottom Hole

**Antero Resources**  
**Well No. Smithers Unit 2H**  
**Antero Resources Corporation**

Myron B. & Betty L. White  
DB 210/534 14.88 Ac.  
Myron B. & Betty White  
206/46 15.15 Ac.  
Kendra K. Cottrill Wyke  
Lease  
Charles & Roberta  
Beagle  
224/546  
17 Ac.  
Jerry Lee & Mary  
Frances  
Myer 233/551  
44.37 Ac.  
Jonathan L. & Amy L. Myer  
274/233  
0.63 Ac.  
No Lease  
Robert B. & Mary E. Simpson  
152/657  
38.5 Ac.  
David R. & Elizabeth A.  
Boveridge  
247/566  
20.87 Ac.  
Eric S. Smith  
219/201  
17.12 Ac.  
Elsie Smith, et al Lease  
Wanda C. Buck, et ux Lease  
Eric S. Smith  
219/201  
63.50 Ac.  
Mary Haught Post, et al Lease

Bearing	Dist.
L1 N 88°37' E	766.7'
L2 S 84°35' W	451.4'
L3 S 52°57' E	248.0'
L4 N 69°25' W	1195.0'
L5 S 69°36' W	1408.4'

- Legend**
- ⊙ Proposed gas well
  - ⊗ Found corner, as noted
  - Creek or Drain
  - Existing Road
  - Surface boundary (approx.)
  - Interior surface tracts (approx.)
  - ☼ Existing well, as noted



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.

*Kenneth J. Plum*

Kenneth J. Plum, P.S. 2216



**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Smithers Unit 2H Top Hole coordinates are  
N: 305,691.38' Latitude: 39°19'55.85"  
E: 1,636,869.98' Longitude: 80°47'01.65"  
Bottom Hole coordinates are  
N: 314,900.61' Latitude: 39°21'26.16"  
E: 1,631,908.38' Longitude: 80°48'06.48"  
**UTM Zone 17, NAD 1983**  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,353,671.503m N: 4,356,451.858m  
E: 518,649.029m E: 517,090.665m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

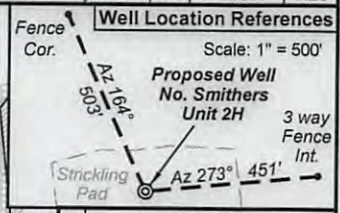
**Notes:**  
Well No. Smithers Unit 2H UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,282,955.76'  
E: 1,701,553.71'  
Point of Entry Coordinates  
N: 14,282,442.96'  
E: 1,700,242.54'  
Bottom Hole Coordinates  
N: 14,292,077.75'  
E: 1,696,440.95'

**Wellhead Layout**  
N 82°33' E 10.0'

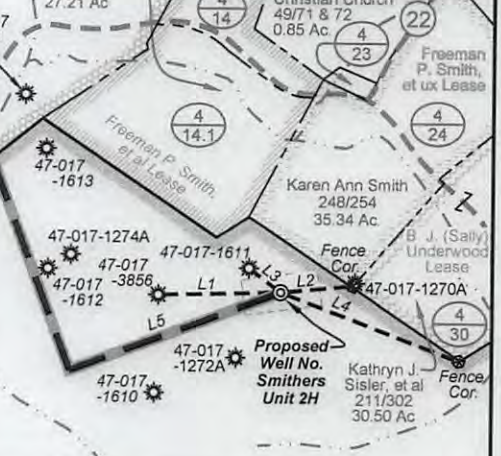
Proposed Well No. Smithers Unit 2H

Detail Not to Scale

ID	TM/Par	Owner	Bk/Pg	Acres
1	1/9	Jeffrey Lee & Beth Ann Myer	227/1	1
2	1/6.1	James M. Friend, et al	241/281	0.88
3	2/8	Lawrence R. Weekley	WB 40/120	1.03
4	2/4.3	Robert B. & Mary E. Simpson	152/657	0.25



- Leases**
- A Jeffrey W. Smith Lease
  - B Sam Horton Lease
  - C Madeline Williams, et al Lease
  - D Madeline Williams, et al Lease
  - E Lawrence R. Weekly Lease



FILE NO: 44-30-WU-14  
DRAWING NO: Smithers 2H Well Plat 6-16  
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: March 22 2017  
OPERATOR'S WELL NO. Smithers Unit 2H  
API WELL NO  
47 - 017 - 06844 P-01

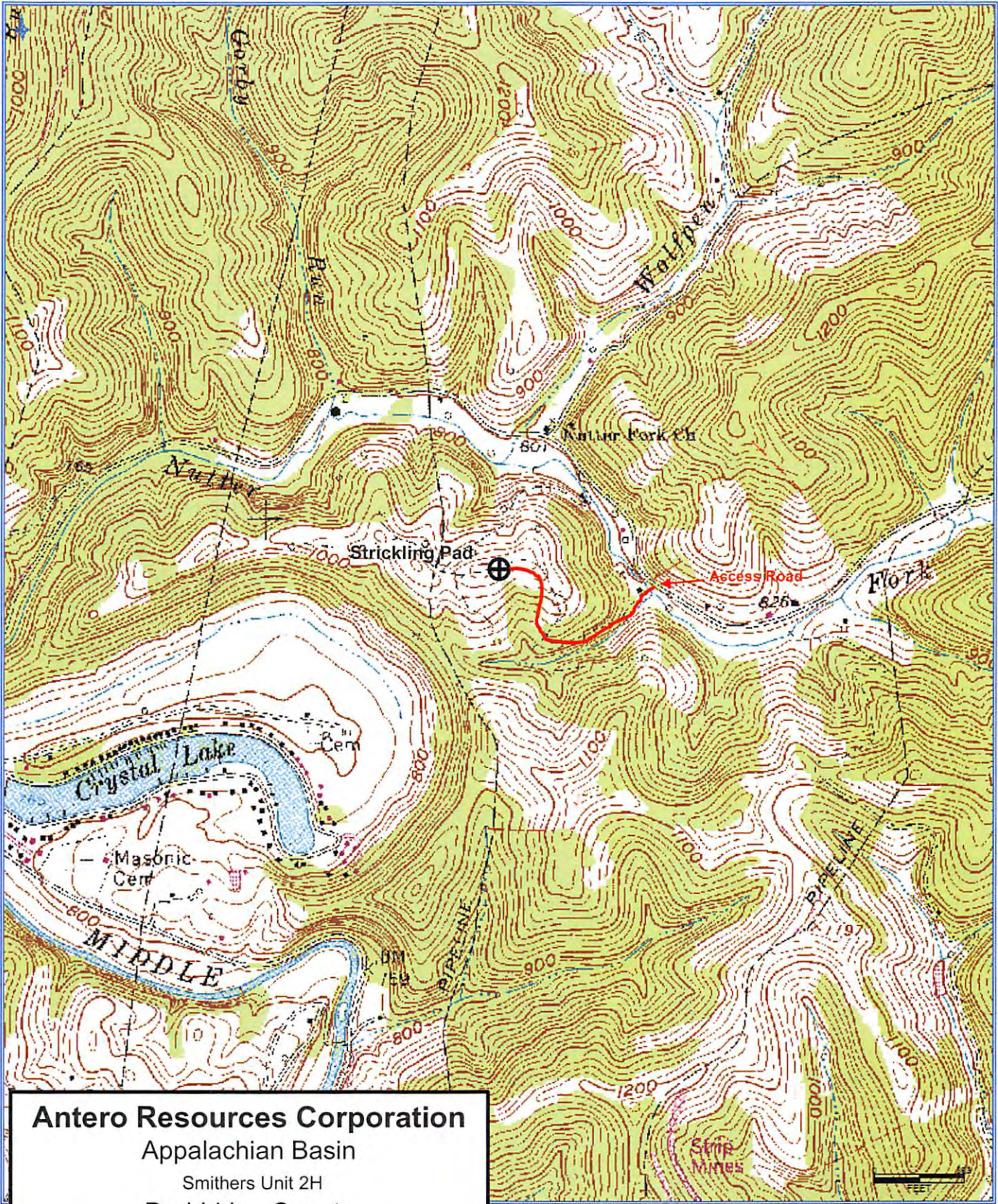
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: Existing Grade - 1076' Proposed Grade - 1065' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union  
DISTRICT: West Union COUNTY: Doddridge

SURFACE OWNER: John Paul Strickling, et al Madeline Williams, et al (2); Jack R. Guthrie J.C. Smith, et ux, Joseph Freeman, et ux ACREAGE: 357.75 23; 11; 23  
ROYALTY OWNER: Joseph Freeman, et ux; W. F. Smith, et al; Carl W. Ash, et ux LEASE NO: ACREAGE: 125; 368; 600; 64

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 7,100' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 19,000 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



**Antero Resources Corporation**  
Appalachian Basin  
Smithers Unit 2H  
Doddridge County

Quadrangle: West Union  
Watershed: Headwaters Middle Island Creek  
District: West Union  
Date: 9-09-2014