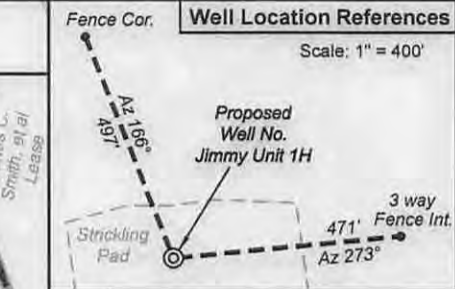


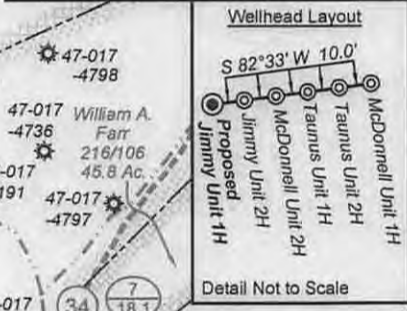
**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Jimmy Unit 1H Top Hole coordinates are  
 N: 305,688.79' Latitude: 39°19'55.82"  
 E: 1,636,850.15' Longitude: 80°47'01.90"  
 Bottom Hole coordinates are  
 N: 296,736.69' Latitude: 39°18'27.75"  
 E: 1,639,722.17' Longitude: 80°46'23.73"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,353,670.613m N: 4,350,957.958m  
 E: 518,643.001m E: 519,563.457m  
 Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.



**Legend**

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

Tag	Par	Tax Map 4 Owner	Bk / Pg	Ac.
1	35	Matthew Alexander	276 / 12	5.89
2	29	Phillip S. Underwood	WB 51/709	0.46
3	24	Patricia Cooper		
4	23	Katherine S. Sisler	248 / 254	35.34
5	30	Karen Ann Smith	49/71 & 72	0.85
6	14.1	Christian Church	211/302	30.50
		Kathryn J. Sisler, et al	282/418	27.21
		John M. & Andrea Fitzgerald		



Bearing	Dist.
L1 S 45°06' W	609.6'
L2 N 88°46' E	746.8'
L3 N 01°49' W	730.4'
L4 S 65°25' E	1970.2'
L5 N 69°52' W	1212.7'



Note: 6 water wells and 4 springs 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.

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**



FILE NO: 50-30-WU-14  
 DRAWING NO: 50-14 Jimmy 1H 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**

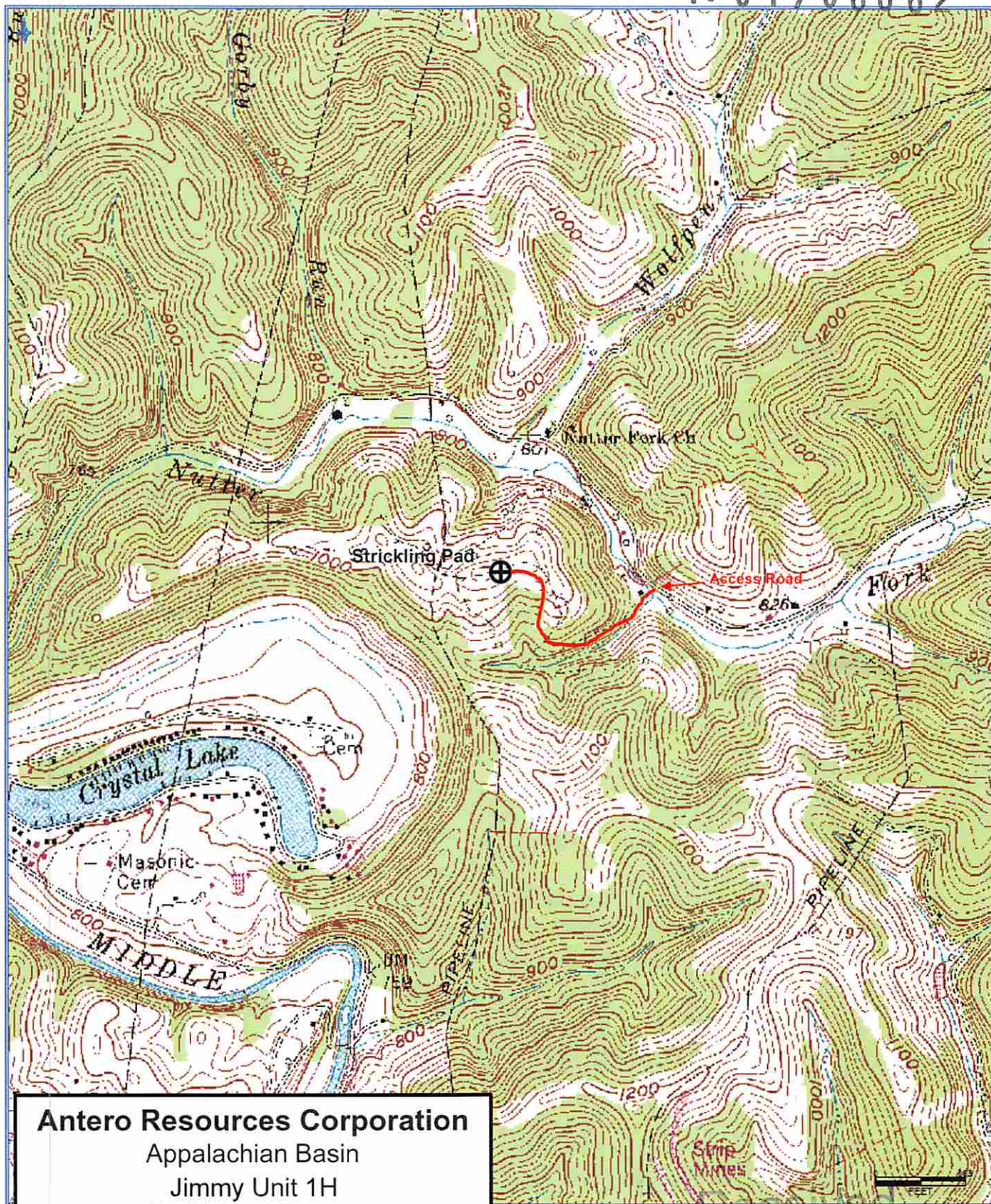
DATE: September 30 20 14  
 OPERATOR'S WELL NO. Jimmy Unit 1H  
 API WELL NO. 47-017-06462  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1065' WATERSHED: Nutter Fork of Middle Island Creek QUADRANGLE: West Union  
 DISTRICT: West Union COUNTY: Doddridge  
 SURFACE OWNER: John Paul Strickling, et al Joseph Freeman, et ux ACREAGE: 357.75  
 ROYALTY OWNER: Charles C. Smith, et al; G. Frank Ash, et al; Ida F. Ford LEASE NO: ACREAGE: 600; 140; 450; 114  
 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: 17,500 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

01/23/2015

4701706662



**Antero Resources Corporation**

Appalachian Basin

Jimmy Unit 1H

Doddridge County

Quadrangle: West Union

Watershed: Middle Creek

District: West Union

Date: 9-09-2014

Received

OCT 31 2014