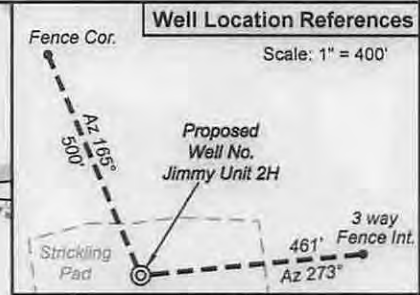


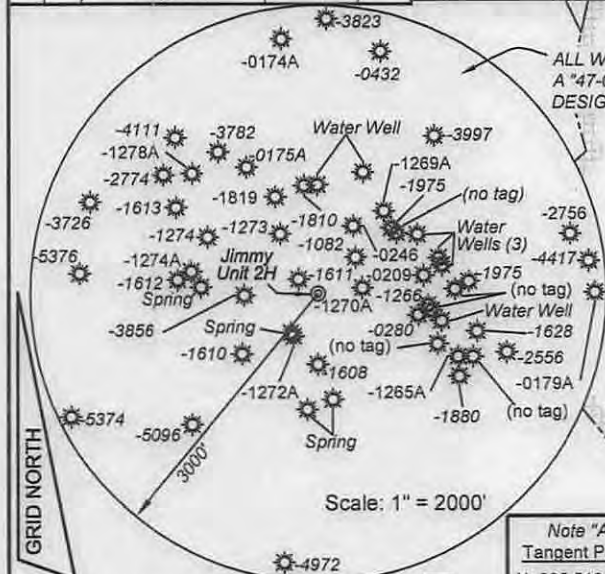
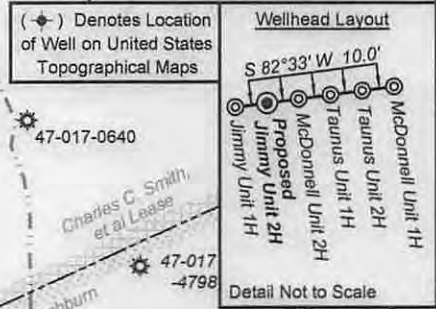
Tag	Par	Tax Map 4 Owner	Bk / Pg	Ac.
1	35	Matthew Alexander	276 / 12	5.89
2	29	Phillip S. Underwood Patricia Cooper Katherine S. Sisler	WB 51/709	0.46
3	24	Karen Ann Smith	248 / 254	35.34
4	23	Christian Church	49/71 & 72	0.85
5	30	Kathryn J. Sisler, et al	211/302	30.50
6	14.1	John M. & Andrea Fitzgerald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

	Bearing	Dist.
L1	S 50°44' E	279.7'
L2	N 88°41' E	756.8'
L3	N 51°14' E	997.5'
L4	S 65°34' E	1978.6'
L5	N 69°38' W	1203.8'

**Notes:**  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Jimmy Unit 2H Top Hole coordinates are  
 N: 305,690.09' Latitude: 39°19'55.83"  
 E: 1,636,860.07' Longitude: 80°47'01.77"  
 Bottom Hole coordinates are  
 N: 297,257.94' Latitude: 39°18'32.97"  
 E: 1,640,252.37' Longitude: 80°46'17.08"  
**UTM Zone 17, NAD 1983**  
 Top Hole Coordinates Bottom Hole Coordinates  
 N: 4,353,671.060m N: 4,351,119.456m  
 E: 518,646.016m E: 519,722.334m  
 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



**Note "A" Tangent Point**  
 N: 305,513.06'  
 E: 1,637,076.59'

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 2H 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 2H  
 API WELL NO  
 47 - 017 - Olddel  
 STATE COUNTY PERMIT

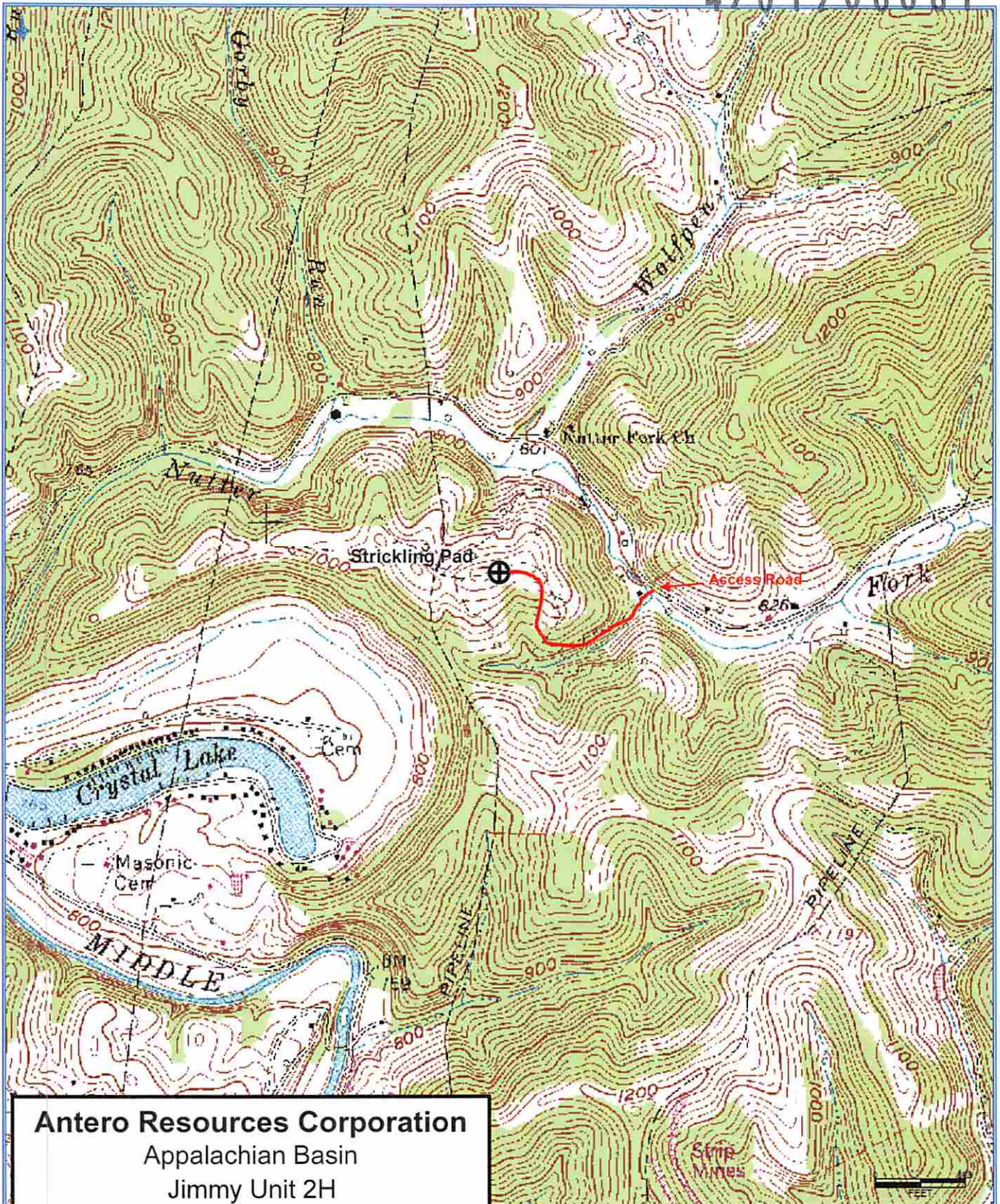
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: 1065' WATERSHED: Nutter Fork of Middle Island Creek QUADRANGLE: West Union  
 DISTRICT: West Union COUNTY: Doddridge  
 SURFACE OWNER: John Paul Strickling, et al Joseph Freeman, et ux ACREAGE: 357.75 450; 600  
 ROYALTY OWNER: Charles C. Smith, et al; William Ashburn Heirs; G. Frank Ash, et al LEASE NO: ACREAGE: 120; 140; 22  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,100' TVD 17,100 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



4701706661



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

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

Received  
Office of Oil & Gas  
OCT 31 2014