

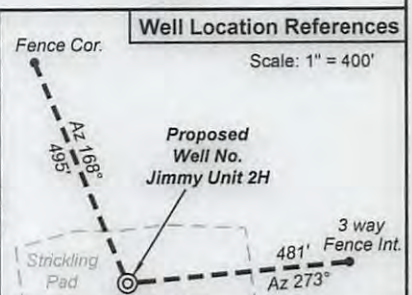
Antero Resources
Well No. Jimmy Unit 2H
Antero Resources Corporation



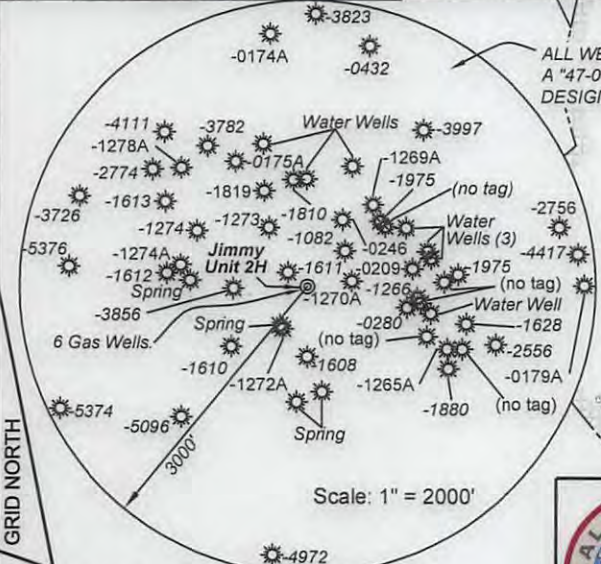
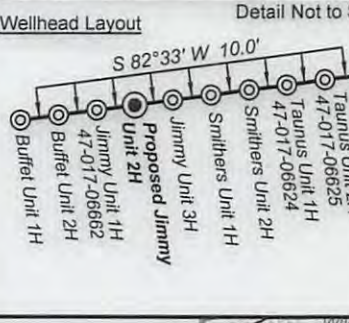
Tag	Par	Tax Map 4 Owner	Bk / Pg	Ac.
1	35	Matthew Alexander	276 / 12	5.89
2	29	Phillip S. Underwood	WB 51/709	0.46
3	24	Patricia Cooper		
4	23	Katherine S. Sisler	248 / 254	35.34
5	30	Karen Ann Smith	49/71 & 72	0.85
6	14.1	Christian Church	211/302	30.50
		Kathryn J. Sisler, et al	282/418	27.21
		John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

	Bearing	Dist.
L1	S 53°34'E	293.8'
L2	N 88°51'E	736.9'
L3	N 50°38'E	980.5'
L4	S 65°16'E	1961.7'
L5	N 70°05'W	1221.6'

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Jimmy Unit 2H Top Hole coordinates are
N: 305,687.49' Longitude: 80°47'02.02"
E: 1,636,840.24' Longitude: 80°47'02.02"
Bottom Hole coordinates are
N: 297,257.94' Longitude: 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: 4,353,670.167m N: 4,351,119.456m
E: 518,639.988m 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: 7 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



Notes:
Well No. Smithers Unit 1H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,282,951.37'
E: 1,701,524.05'
Point of Entry Coordinates
N: 14,282,780.97'
E: 1,701,763.19'
Bottom Hole Coordinates
N: 14,274,582.84'
E: 1,705,075.07'

FILE NO: 50-30-WU-14
DRAWING NO: Jimmy 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: October 11 20 16
OPERATOR'S WELL NO. Jimmy Unit 2H
API WELL NO
47 - 017 - 06790

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

LOCATION: ELEVATION: Existing Grade - 1075' Proposed Grade - 1065' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: West Union
DISTRICT: West Union COUNTY: Doddridge

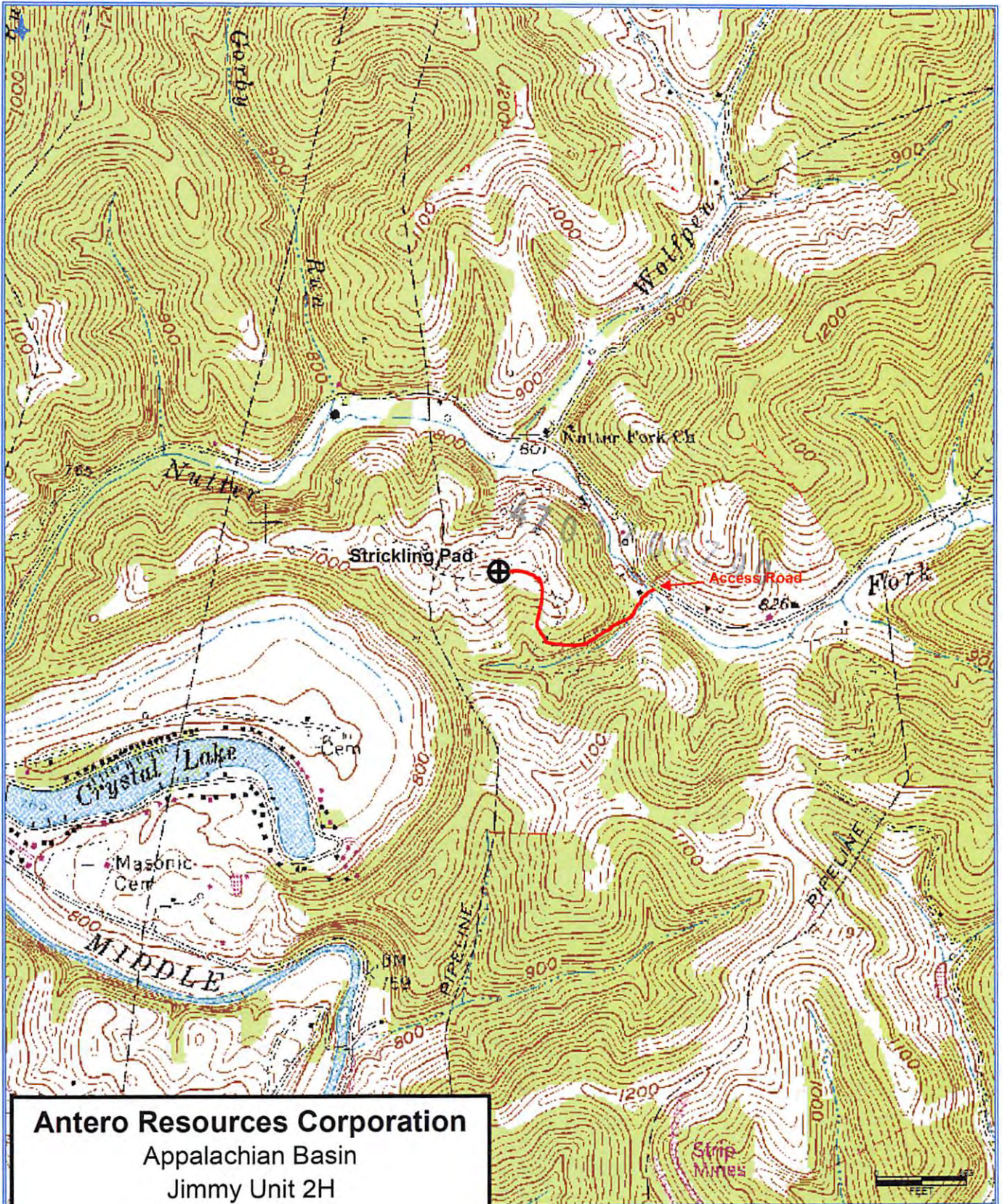
SURFACE OWNER: John Paul Strickling, et al Joseph Freeman, et ux Orpha Ashburn, et al ACREAGE: 357.75 450; 600
ROYALTY OWNER: Charles C. Smith, et al; William Ashburn Heirs; G. Frank Ash, et al LEASE NO: ACREAGE: 120; 140; 22

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

01/13/2017



Antero Resources Corporation
 Appalachian Basin
 Jimmy Unit 2H
 Doddridge County

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

Received
 Office of Oil & Gas
 OCT 24 2016

01/13/2017