

683' to Bottom Hole

9,533' to Top Hole

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

TOP HOLE LONGITUDE 80 - 45 - 00  
BTM HOLE LONGITUDE 80 - 47 - 30  
281' to Top Hole  
6,129' to Bottom Hole

**Antero Resources**  
**Well No. Taurus Unit 3H**  
**Antero Resources Corporation**

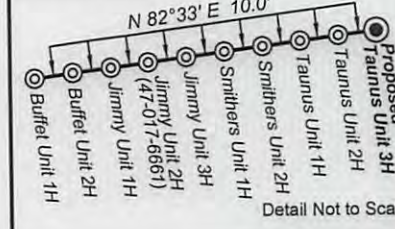
ID	TM/Par	Owner	Bk/Pg	Ac.
1	4/29	Phillip S. Underwood, Patricia Cooper & Katherine S. Sisler	WB 51/709	0.46
2	4/23	Christian Church	49/71 & 72	0.85
3	2/8	Lawrence R. Weekley	WB 40/120	1.03
4	2/4.3	Robert B. Mary E. Simpson	152/657	0.25

**Legend**

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

(-⊙-) Denotes Location of Well on United States Topographical Maps

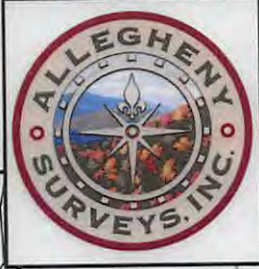
**Wellhead Layout**



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.

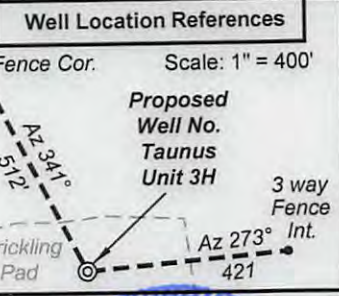


**Notes:**  
Well No. Taurus Unit 3H  
UTM Zone 17, NAD 1927  
Top Hole Coordinates  
N: 14,282,960.14'  
E: 1,701,583.38'  
Point of Entry Coordinates  
N: 14,283,483.80'  
E: 1,702,345.04'  
Bottom Hole Coordinates  
N: 14,292,403.76'  
E: 1,698,710.37'



**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Taurus Unit 3H Top Hole coordinates are  
N: 305,695.27' Latitude: 39°19'55.89"  
E: 1,636,899.73' Longitude: 80°47'01.27"  
Bottom Hole coordinates are  
N: 315,188.81' Latitude: 39°21'29.33"  
E: 1,634,183.71' Longitude: 80°47'37.57"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,353,672.840m N: 4,356,551.243m  
E: 518,658.072m E: 517,782.381m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

	Bearing	Dist.	Bottom Hole 7.5' Spot
L1	N 56°27' E	924.6'	+
L2	N 88°23' E	796.5'	
L3	N 52°24' E	1031.9'	
L4	S 66°10' E	2012.7'	
L5	N 68°43' W	1168.6'	



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, P.S. 2216**

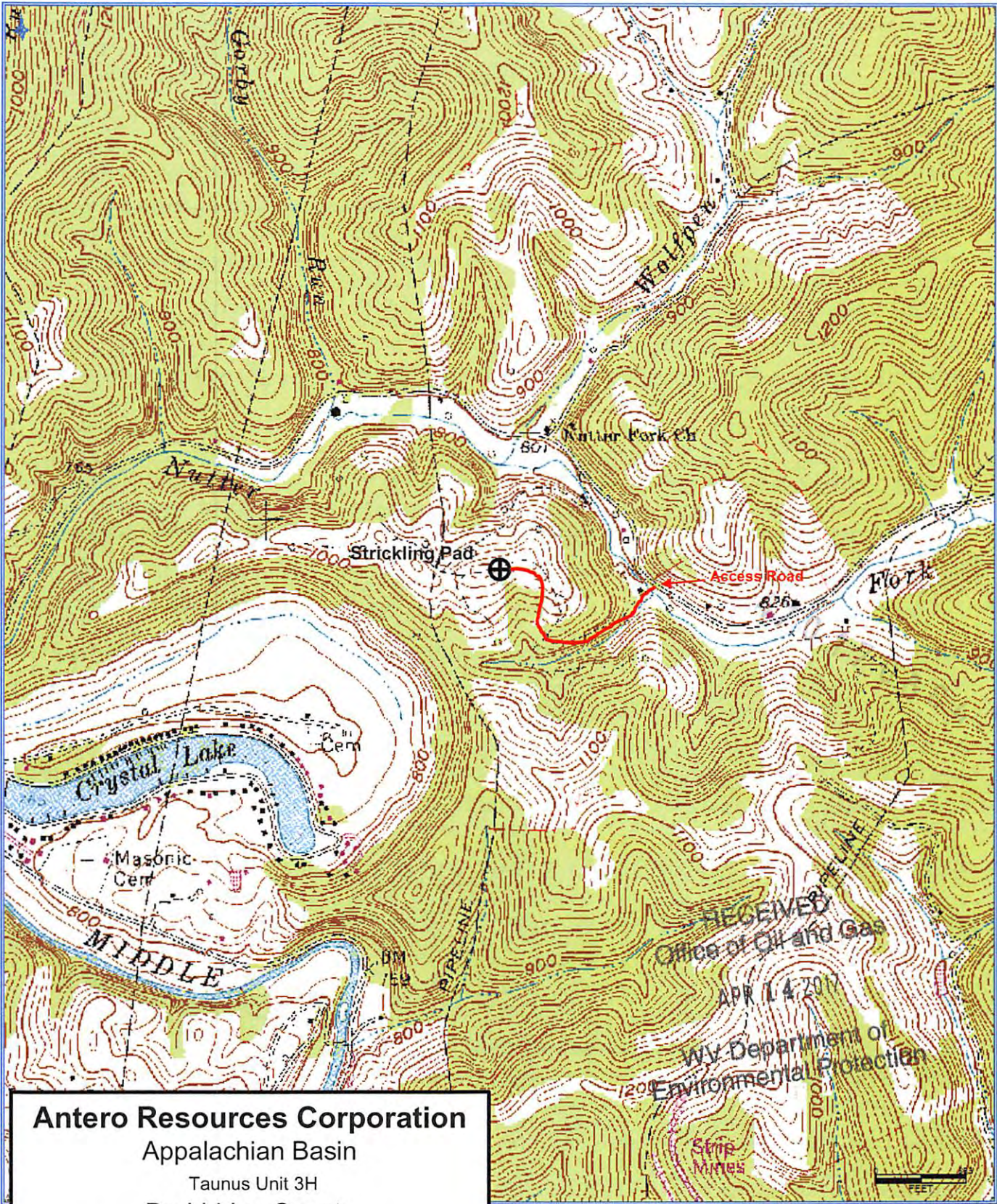
FILE NO: 43-30-WU-14  
DRAWING NO: Taurus 3H Well Plat 07-16  
SCALE: 1" = 1200'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

**STATE OF WEST VIRGINIA**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: March 22 2017  
OPERATOR'S WELL NO. Taurus Unit 3H  
API WELL NO  
47 - 017 - 06842  
STATE COUNTY PERMIT

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 ACREAGE: 357.75  
ROYALTY OWNER: Carl W. Ash, et ux; W.F. Smith, et al; Freeman P. Smith, et al LEASE NO: ACREAGE: 125, 368, 63.75; 31  
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 17,700 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  
Tanus Unit 3H  
Doddridge County

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

RECEIVED  
Office of Oil and Gas  
APR 14 2017  
WV Department of  
Environmental Protection