

10,546' to Bottom Hole

7,349' to Top Hole

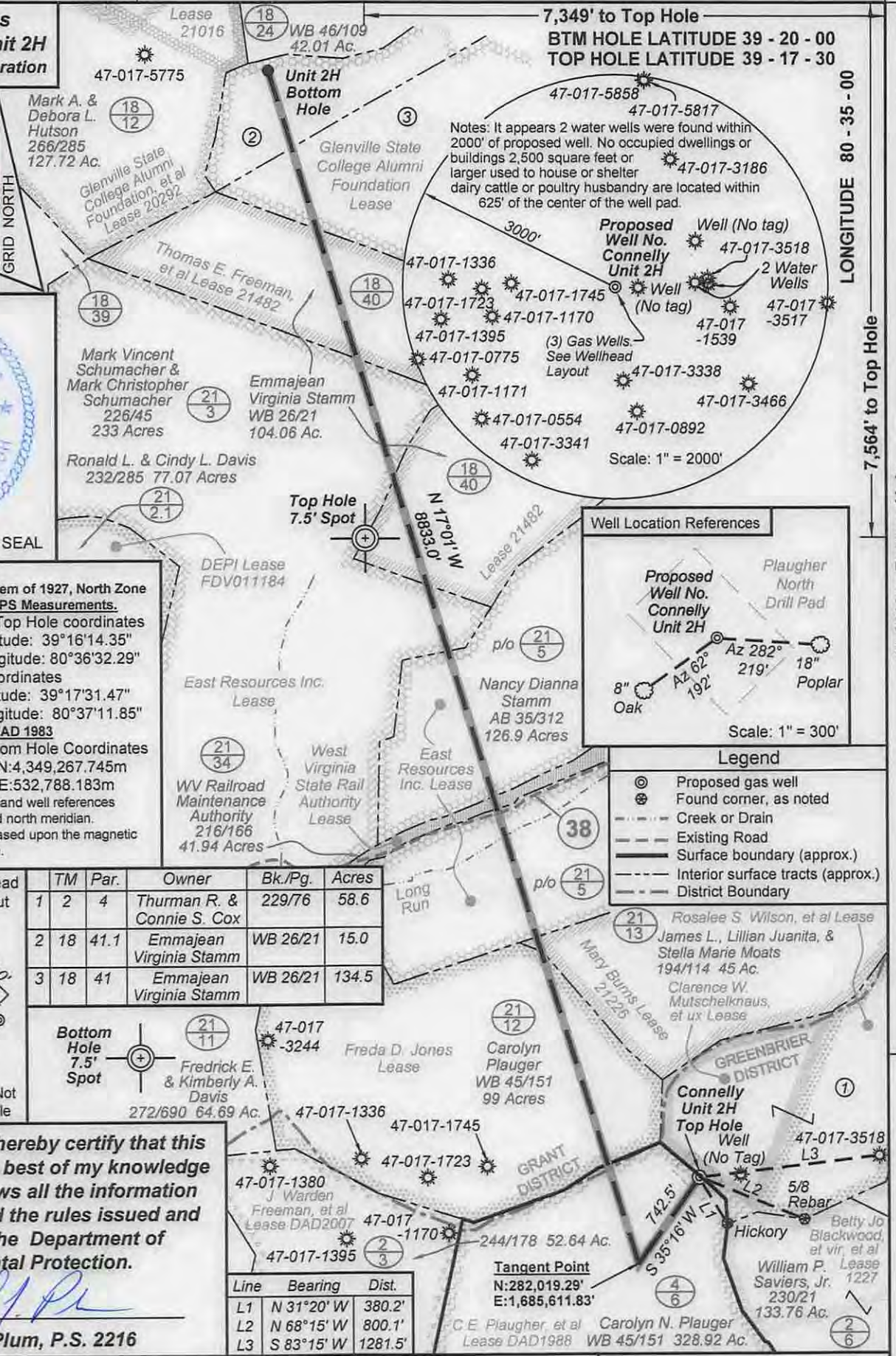
BTM HOLE LATITUDE 39 - 20 - 00  
TOP HOLE LATITUDE 39 - 17 - 30

LONGITUDE 80 - 35 - 00

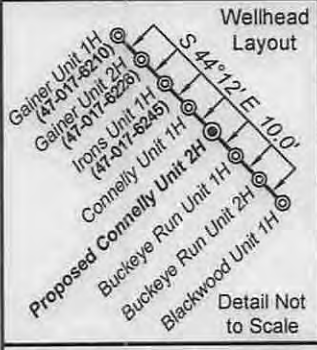
7,564' to Top Hole

14,899' to Bottom Hole

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



**Notes:**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Well No. Connelly Unit 2H Top Hole coordinates  
N: 282,625.54' Latitude: 39°16'14.35"  
E: 1,686,040.48' Longitude: 80°36'32.29"  
Bottom Hole coordinates  
N: 290,465.49' Latitude: 39°17'31.47"  
E: 1,683,026.46' Longitude: 80°37'11.85"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,346,894.603m N: 4,349,267.745m  
E: 533,746.222m E: 532,788.183m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.



TM	Par.	Owner	Bk./Pg.	Acres
1	2	Thurman R. & Connie S. Cox	229/76	58.6
2	18	Emmajeon Virginia Stamm	WB 26/21	15.0
3	18	Emmajeon Virginia Stamm	WB 26/21	134.5



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**

Line	Bearing	Dist.
L1	N 31°20' W	380.2'
L2	N 68°15' W	800.1'
L3	S 83°15' W	1281.5'

FILE NO: 29-30-G-13  
DRAWING NO: 29-13 Connelly Unit 2H  
SCALE: 1" = 1000'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

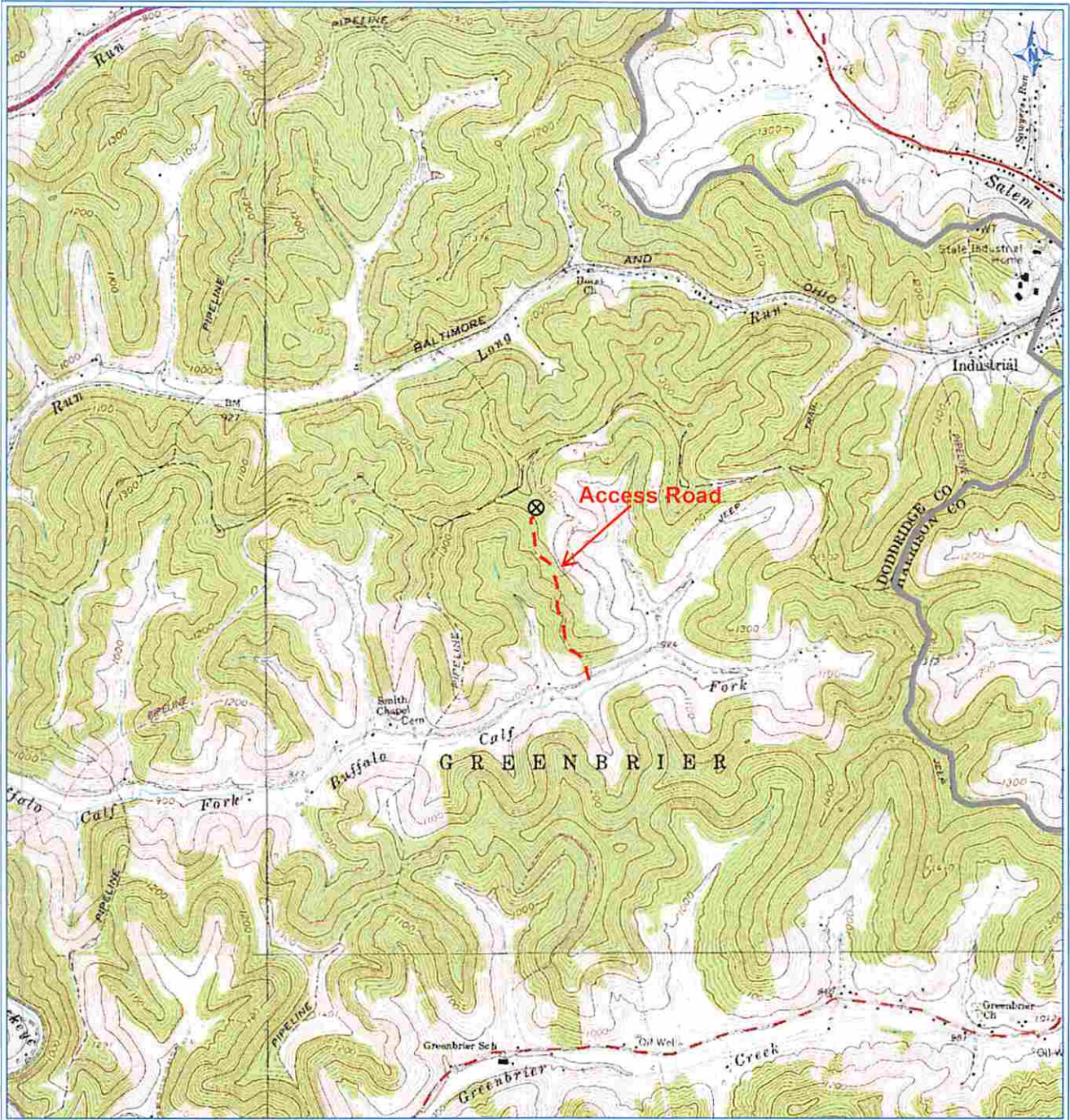
**STATE OF WEST VIRGINIA**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: October 30 20 14  
OPERATOR'S WELL NO. Connelly Unit 2H  
API WELL NO. 60674  
47 - 017 - 06674  
STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 1363' WATERSHED: Buffalo Calf Fork QUADRANGLE: Salem  
DISTRICT: Greenbrier Mary Burns West Virginia State Rail Authority; East Resources Inc. (2) ACREAGE: 328.92 233; 149.5  
SURFACE OWNER: Carolyn N. Plaugher Glennville State College Alumni Foundation 21482 165; 301.19  
ROYALTY OWNER: C.E. Plaugher, et al; Freda D. Jones; Thomas E. Freeman, et al LEASE NO: DAD1988; 21226 ACREAGE: 108; 144.93; 104; 100  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 7,700' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 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



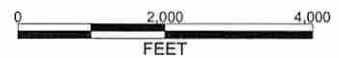
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Antero Resources Corporation

Appalachian Basin

Connelly Unit 2H

Doddridge County



REMARKS  
QUADRANGLE: SALEM  
WATERSHED: BUFFALO CALF FORK  
DISTRICT: GREENBRIER

February 11, 2013