

**Antero Resources**  
**Well No. Lee Unit 1H**  
**Antero Resources**  
**Corporation**

(⊙) Denotes location  
of well on  
United States  
topographic maps

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**

**Tax Map 321 Parcels**

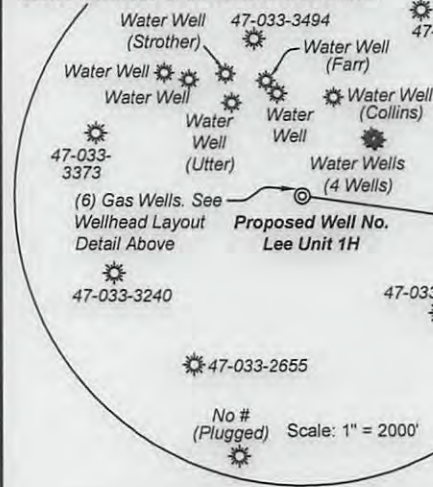
Par	Owner	DB/Pg	Acres
1 28	Christine R. Utter	1314/417	19.75
2 37	Hubert Jr. & Lorena Bland	1307/1209	28.50
3 34	Tillman Lee Williams	1322/1056	5.40
4 22.1	Earl Dixon	1062/878	3.17
5 35	Tillman Lee Williams	1322/1054	9.35
6 25	Tillman Lee Williams	1322/1054	8.17
7 25.1	Fannie Mae	1457/140	4.45
8 28.2	Loren Brad Strother	1296/353	1.39
9 28.3	Nancy E. Farr	1362/580	1.99
10 28	John & Marianne Clevenger	1409/419	13.15
11 28.4	Nancy E. Farr	1439/36	0.18
12 18.3	Sharon D. Emerson	1424/1174	1.03
13 27	City of Salem	642/123	1.50
14 28.1	Patricia A. Collins	1060/1140	1.46
15 37.1	Roberta G. Zwiebel	F104/780	0.98
16 38	Robert & Shirley Bowen	941/478	0.78
17 38.1	John & Marianne Clevenger	1247/289	4.17
18 14	Arthur & Linda Lunsford	1004/1150	1.20
19 24	Gary & Janette Alderman	1421/1212	0.78

**Well Location References**



Line	Bearing	Distance
L1	S 57°57' W	1653.1'
L2	S 72°23' E	2304.9'
L3	S 25°47' E	1301.8'
L4	S 18°06' E	1762.3'
L5	S 06°17' E	1133.3'

Note: It appears 14 water wells 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.



FILE NO: 10-30-G-13  
DRAWING NO: 10-13 Lee 1H Well  
SCALE: 1" = 1200'  
MINIMUM DEGREE OF ACCURACY:  
Submeter  
PROVEN SOURCE OF ELEVATION:  
WVDOT, Bridgeport, WV

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

DATE: July 29 2013  
OPERATOR'S WELL NO. Lee Unit 1H  
API WELL NO: H6A  
47 - 033 - 05788  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 1376' WATERSHED: Patterson Fork QUADRANGLE: Salem  
DISTRICT: Tenmile COUNTY: Harrison  
SURFACE OWNER: Hubert Jr. & Lorena Bland J. Moses Raad, et al ACREAGE: 28.5 234.342  
ROYALTY OWNER: DEPI, et al; Victor G. Taylor; Valma L. Arters, et vir; Jacob Ford LEASE NO: DV019191; 21030; 21620 ACREAGE: 283; 55.5; 55; 447  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TVD 7,600'  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 10,412' 2013  
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System  
ADDRESS: 1625 17th Street ADDRESS: 5400 D Big Tyler Road  
Denver, CO 80202 Charleston, WV 25313

**Notes:**  
**West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.**  
Well No. Lee Unit 1H Top Hole coordinates are  
N: 276,137.30 Latitude: 39°15'11.87"  
E: 1,699,774.19 Longitude: 80°33'36.69"  
Bottom Hole coordinates are  
N: 284,647.68 Latitude: 39°16'35.50"  
E: 1,695,669.31 Longitude: 80°34'30.17"  
**UTM Zone 17, NAD 1983**  
Top Hole Coordinates: Bottom Hole Coordinates:  
N: 4,344,987.760m N: 4,347,559.615m  
E: 537,963.211m E: 536,669.448m  
Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

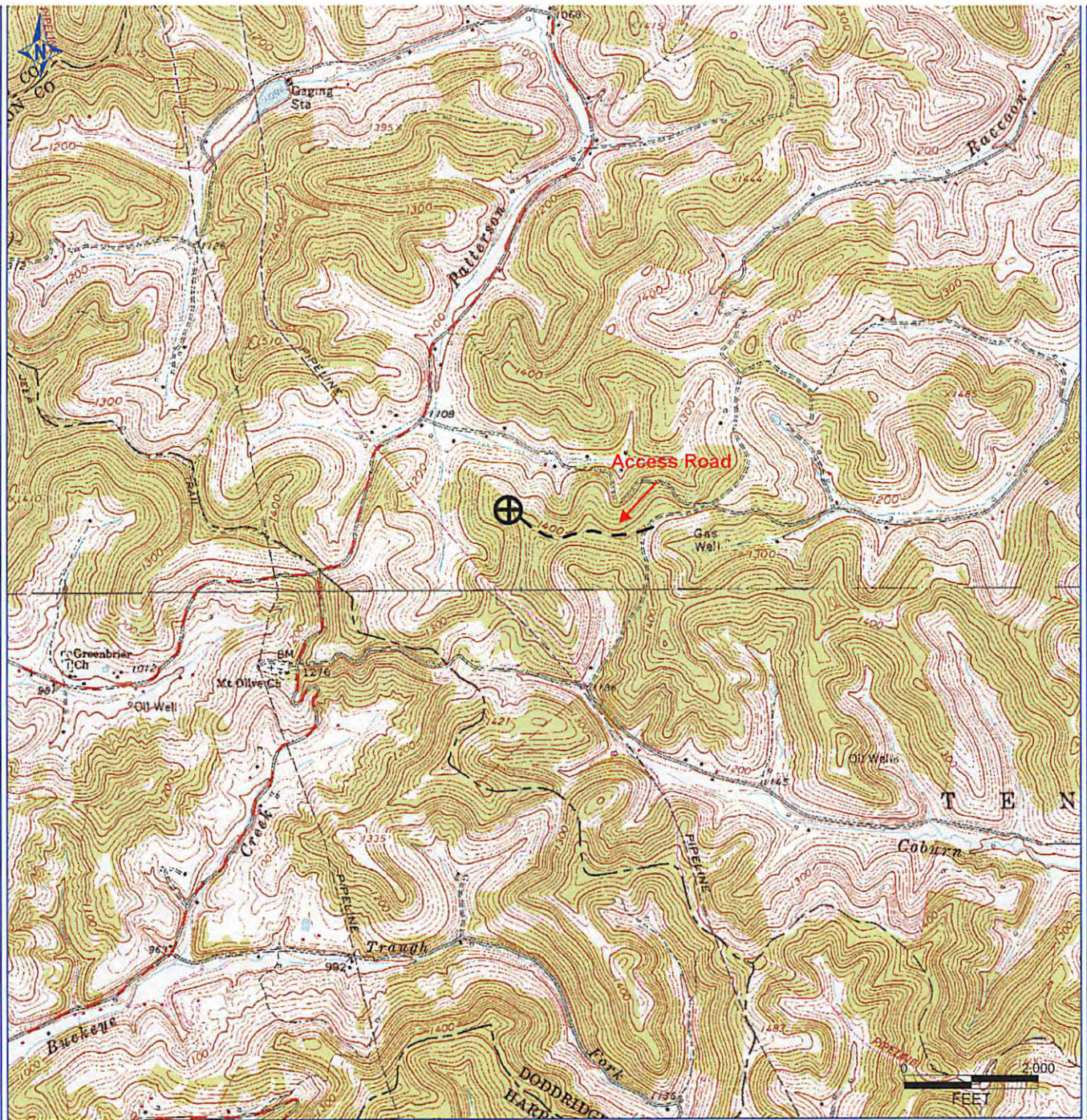


**Legend**  
⊙ Proposed gas well  
⊙ Found corner, as noted  
--- Surface boundary (approx.)  
--- Existing Road  
--- Interior surface tracts (approx.)  
--- Creek or Drain  
--- Existing Fenceline

**LATITUDE 39 - 17 - 30**  
**LONGITUDE 80-32-30**  
**5,408' to Top Hole**  
**5,403' to Bottom Hole**  
**13,913' to Top Hole**  
**GRID NORTH**



Plot spotted  
CPE



PETRA 9/18/2012 4:24:38 PM

33 - - 5788 -

*DOW*  
*8-8-2013*

RECEIVED  
Office of Oil and Gas

AUG 9 2013

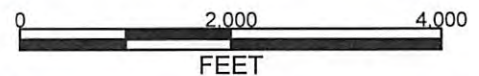
WV Department of  
Environmental Protection

Antero Resources Corporation

APPALACHIAN BASIN

Lee Unit 1H

Doddridge County



REMARKS  
QUADRANGLE: SALEM  
WATERSHED: PATTERSON FORK  
DISTRICT: TENMILE

Date: 9/18/2012