

Antero Resources
Well No. Lee Unit 2H
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

Notes:

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.

Well No. Lee Unit 2H Top Hole coordinates are

N: 276,144.06 Latitude: 39°15'11.93"

E: 1,699,766.82 Longitude: 80°33'36.79"

Bottom Hole coordinates are

N: 284,781.70 Latitude: 39°16'36.90"

E: 1,696,317.54 Longitude: 80°34'21.94"

UTM Zone 17, NAD 1983

Top Hole Coordinates: Bottom Hole Coordinates:

N: 4,344,989.782m N: 4,347,603.741m

E: 537,960.932m E: 536,866.256m

Plat orientation and corner and well references are based upon the grid north meridian.

Well location references are based upon the magnetic meridian.

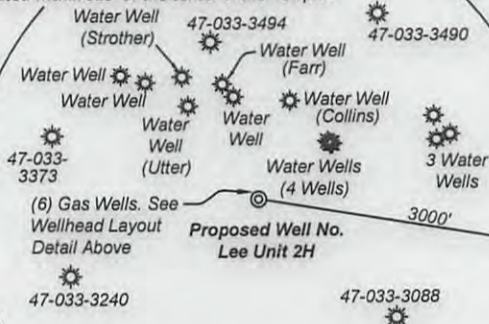
Well Location References



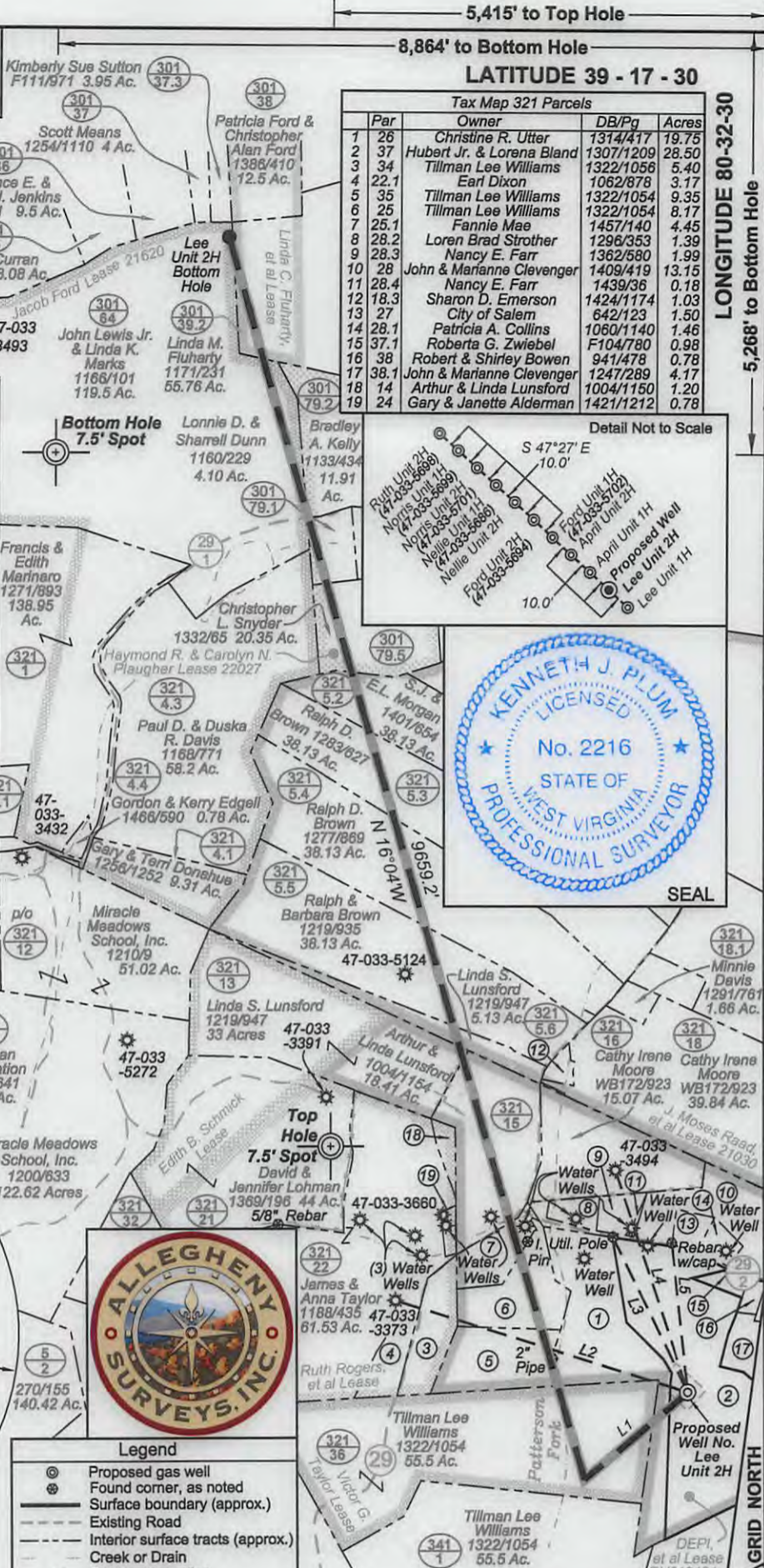
Scale: 1" = 200'

Line	Bearing	Distance
L1	S 50°18' W	1008.6'
L2	S 72°30' E	2295.8'
L3	S 25°37' E	1292.6'
L4	S 17°56' E	1753.5'
L5	S 05°57' E	1126.8'

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.

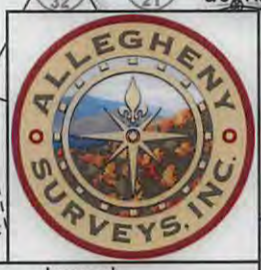
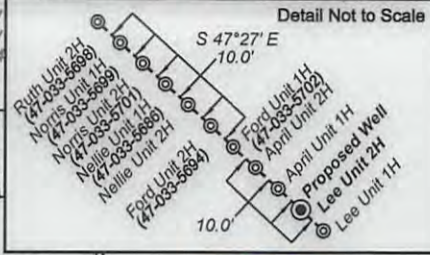


No # (Plugged) Scale: 1" = 2000'



Tax Map 321 Parcels

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



Legend

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

FILE NO: 10-30-G-13
 DRAWING NO: 10-13 Lee 2H 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 2H
 API WELL NO: H6A
 47 - 033 - 05787
 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 Linda C. Fluharty Lease ACREAGE: 28.5
 ROYALTY OWNER: DEPI, et al; Victor G. Taylor; Haymond R. & Carolyn N. Plaugher LEASE NO: DV019191; 21030; 21620 ACREAGE: 283; 55.5; 447; 50
 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: MD 17,800'
 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

10/11/2013

plat spotted
CPE



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

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DCN

9-8-2013

RECEIVED
Office of Oil and Gas

AUG 9 2013

WV Department of
Environmental Protection

Antero Resources Corporation

APPALACHIAN BASIN

Lee Unit 2H

Doddridge County



REMARKS

QUADRANGLE: SALEM
WATERSHED: PATTERSON FORK
DISTRICT: TENMILE

Date: 9/18/2012