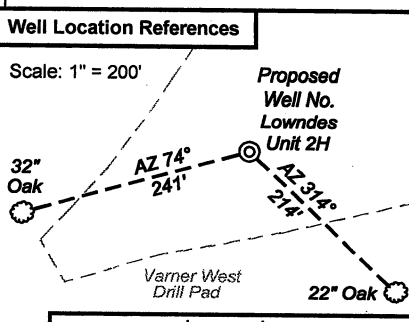


Antero Resources
Well No. Lowndes Unit 2H
Antero Resources
Appalachian Corporation

Detail Not to Scale



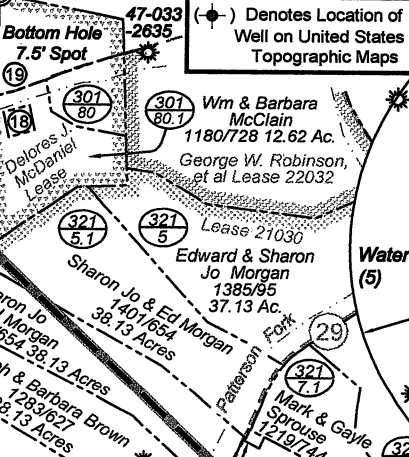
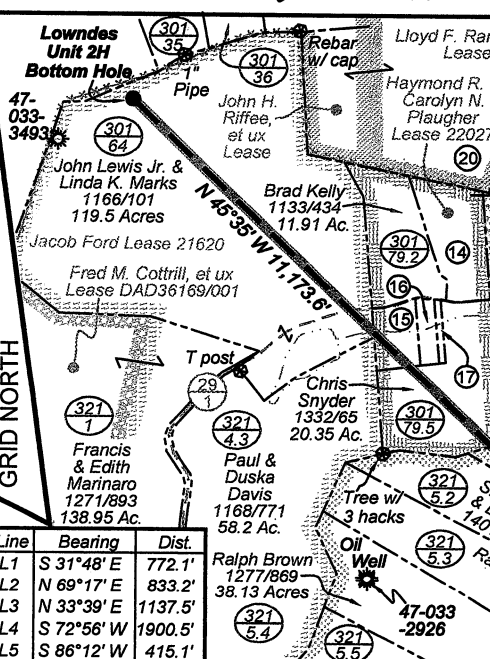
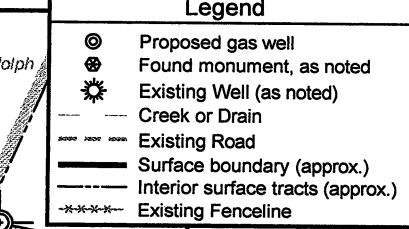
10,148' to Bottom Hole

1,752' to Top Hole

TOP & BOTTOM HOLE LATITUDE 39 - 17 - 30

TOP & BOTTOM HOLE LONGITUDE 80 - 32 - 30

Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Lowndes Unit 2H Top Hole coordinates are
 N: 276,558.42' Latitude: 39°15'16.45"
 E: 1,703,429.73' Longitude: 80°32'50.29"
 Bottom Hole coordinates are
 N: 284,350.06' Latitude: 39°16'32.48"
 E: 1,695,033.73' Longitude: 80°34'38.20"
UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,345,134.638m N: 4,347,465.712m
 E: 539,074.760m E: 536,477.324m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

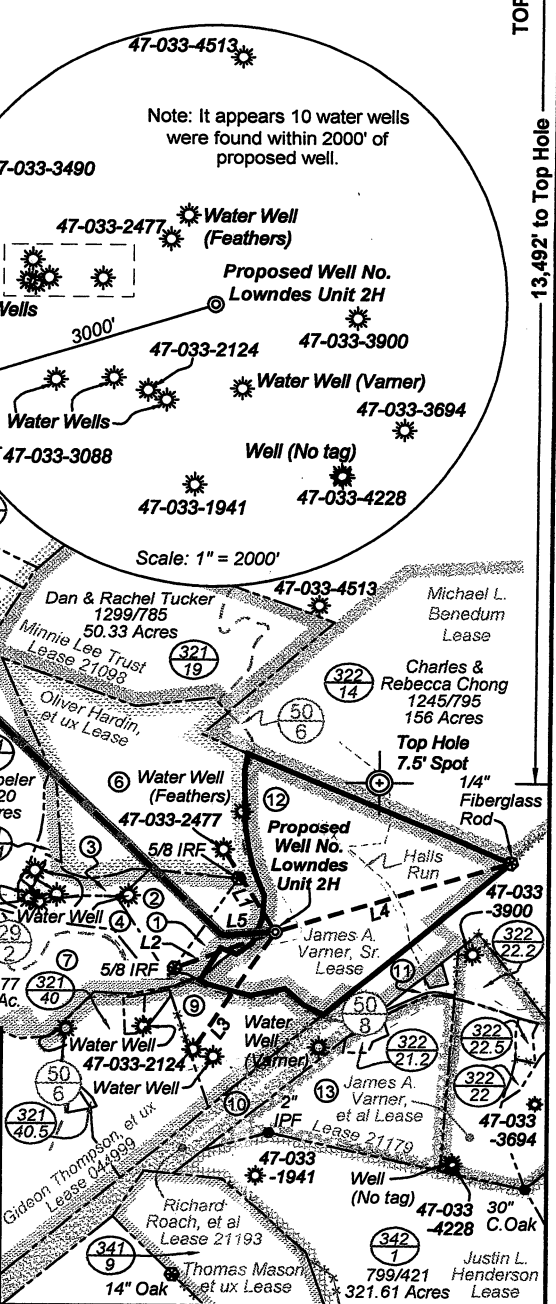
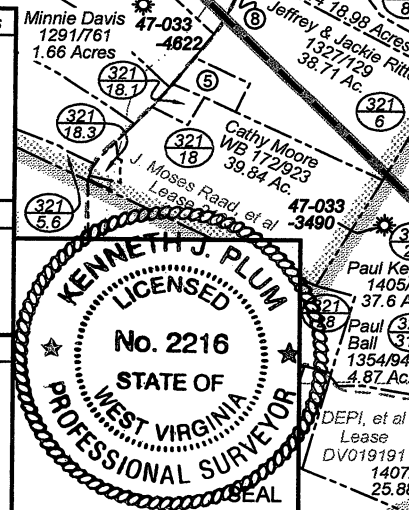


Line	Bearing	Dist.
L1	S 31°48' E	772.1'
L2	N 69°17' E	833.2'
L3	N 33°39' E	1137.5'
L4	S 72°56' W	1900.5'
L5	S 86°12' W	415.1'

Par	Tax Map	Owner	Bk/Pg	Acres
1	31.2	Patrick J. Shaver	1427/445	5.00
2	31.4	Dan Arnold & Crystal Shahan	1268/976	9.55
3	31.3	Robert Jr. & Betty Matheny	1114/163	3.53
4	31	Carl H. Jr. & Jeanne Adkins	1356/1050	2.35
5	6.2	John & Theresa Ritter	1362/590	3.00
6	30	Anthony E. Feathers	1453/1121	52.5
7	39	John & Marianne Cleavenger	1247/289	33.35
8	6.1	Mark & Gayle Sprouse	1244/264	0.29

Par	Tax Map	Owner	Bk/Pg	Acres
9	19	David B. Taylor	1301/1069	14.0
10	20	James A. Varnar	1199/860	16.63
11	21.1	James A. Varnar	1261/953	1.45
12	18	James A. Varnar	1261/953	65.45
13	21	James A. Varnar	1199/860	33.92

Par	Tax Map	Owner	Bk/Pg	Acres
14	79	Carolyn N. Plaugher	F111/1050	10.62
15	79.1	Lonnice Dale & Sharrell Dunn	1160/229	4.10
16	79.3	Kenneth & Belinda Lockhart	1446/127	1.88
17	79.4	Kenneth & Belinda Lockhart	1446/127	0.63
18	80.3	William & Barbara McClain	1154/342	0.98
19	80.2	John L. Jr. & Linda K. Marks	1243/881	19.06
20	39	Linda Fluarty	1171/231	13.24



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 regulations issued and prescribed by the Department of Environmental Protection.

Kenneth J. Plum

Kenneth J. Plum, P.S. 2216

FILE NO: 10-36-TM-12
 DRAWING NO: 10-12 Lowndes 2H Well Plat
 SCALE: 1" = 1500'
 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: December 17 2012
 OPERATOR'S WELL NO. Lowndes Unit 2H
 API WELL NO
 47 - 033 - 5719 H6 A
 STATE COUNTY PERMIT

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

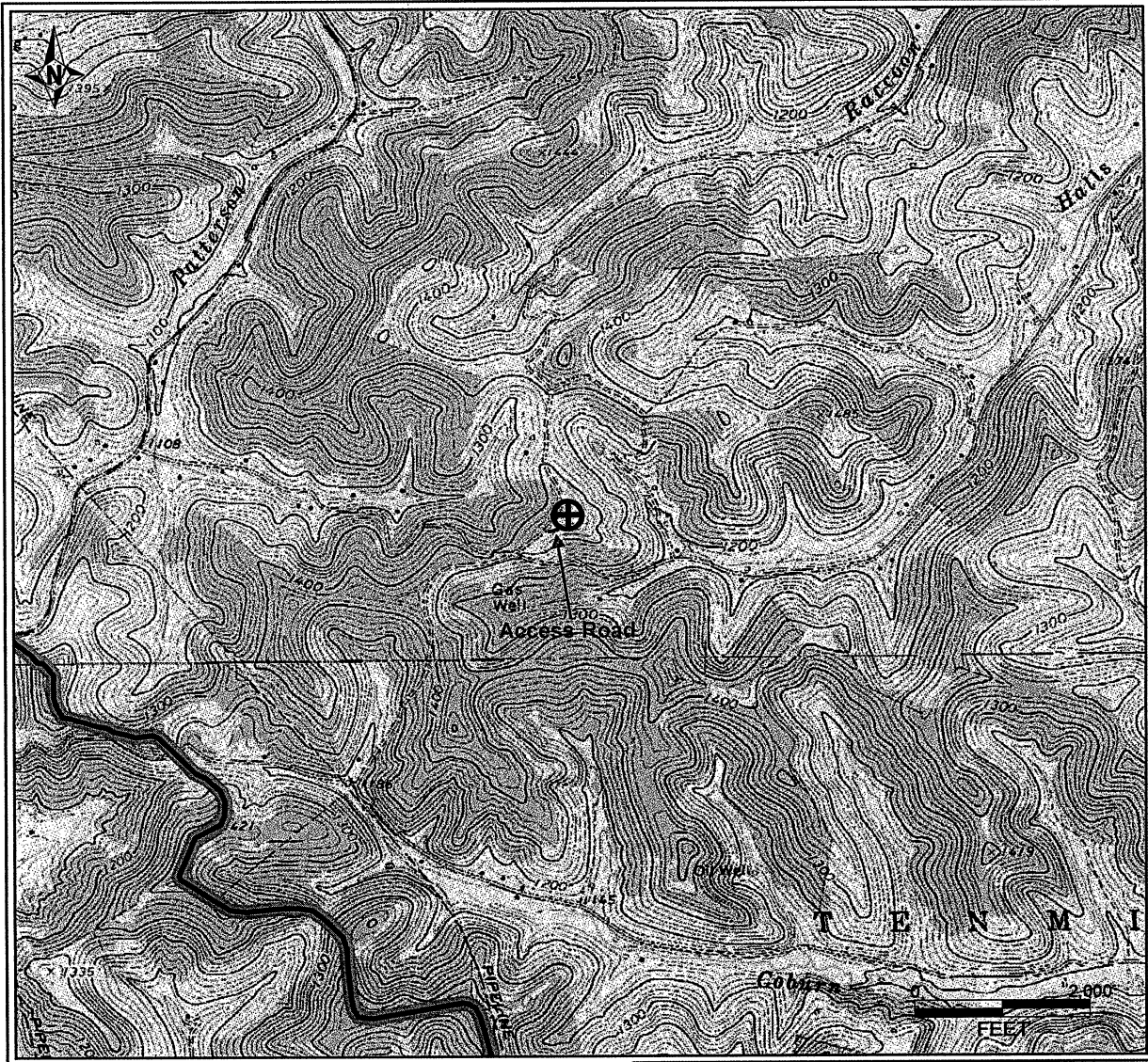
LOCATION: ELEVATION: 1453' WATERSHED: Halls Run QUADRANGLE: Salem
 DISTRICT: Tenmile COUNTY: Harrison

SURFACE OWNER: James A. Varnar Haymond R. & Carolyn N. Plaugher
 J. Moses Raad, et al; Jacob Ford 21620; 22027 ACREAGE: 65.45 234.342
 ROYALTY OWNER: James A. Varnar, Sr.; DEPI, et al; Oliver Hardin, et ux LEASE NO: DV019191; 21030 ACREAGE: 62.394; 283; 52 447; 50

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: 7,700' TVD
 19,400' MD

WELL OPERATOR: Antero Resources Appalachian Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
 ADDRESS: 1625 17th Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313



PETRA 12/19/2012 2:51:43 PM

Antero Resources Corporation

APPALACHIAN BASIN

Lowndes Unit 2H
Harrison County



REMARKS
 QUADRANGLE: SALEM
 WATERSHED: HALLS RUN
 DISTRICT: TENMILE

Date: 12/19/2012

33-05719 H6A LOWNDES UNIT 2H
ANTERO RESOURCES CORP

PAD NAME: VARNER WEST