



Top Hole coordinates verified by survey grade GPS. As-drilled data and information was provided by Antero Resources Corporation. Allegheny Surveys, Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

Bearing	Dist.
L1 N 68°57' W	1349.2'
L2 S 16°30' W	471.5'
L3 N 63°42' E	478.9'
L4 N 73°33' E	1550.7'

FILE NO: 41-30-GR-13
DRAWING NO: Rikk 1H Well Plat As-Drilled
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WV DOT, Bridgeport, WV

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

DATE: March 3 2015
OPERATOR'S WELL NO. Rikk Unit 1H
API WELL NO
47 - 017 - 06228
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1320' WATERSHED: Headwaters Middle Island Creek QUADRANGLE: Salem & Big Isaac
DISTRICT: Greenbrier DNR & Public Land Corp.; Rikk H. Randel, et ux COUNTY: Boone
SURFACE OWNER: Walter V. Davidson & Leonard J. Davidson Charles W.F. Randolph, et al; Mary Maxine Welch (2); E.J. Lowther, et al (2) 21203; 21032; 21395
ROYALTY OWNER: Charles J. Dennison, Trustee for the C.O. Dennison Estate, et al LEASE NO: DAD35388; 21545; 21224 ACREAGE: 84, 87, 90, 127, 85

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 7,423' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale 17,523' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stampler
ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313

RECORDED
Office of Strategic Gas
10/30/2015
OCT 19 2015
WV Department of Environmental Protection