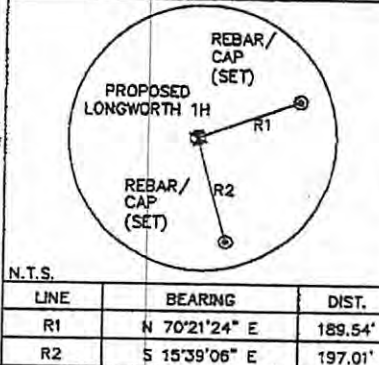


FORM WW-6

File name: C:\csw\3D Projects\00935_0447\Plan State\00935\0447\PLAT.dwg Layout: B of PLAT May 13, 2011 1:09pm J Holland

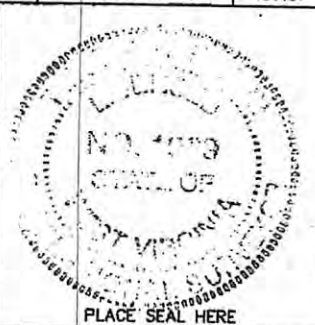
NOTES:
 1. THERE ARE NO DWELLINGS WITHIN 200' OF PROPOSED WELL.
 2. PROPOSED WELL IS GREATER THAN 100' FROM THE MINERAL LINE.
 3. THE LOCATION OF BOUNDARY LINES ARE BASED ON RECORDED DEED DESCRIPTIONS AND NOT BASED ON AN ACTUAL FIELD SURVEY.
 (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.



HRC
 Engineering & Related Services
 280 West Kemmerling Drive, Suite 400
 Cranberry Township, PA 16066
 (724) 779-4777
 Fax (724) 779-4711
 hrg@hrg-inc.com
 www.hrg-inc.com

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.

(SIGNED) *[Signature]*
 R.P.E. _____ L.L.S. _____ 1969



FILE NO. R005935.0447
 DRAWING NO. LONGWORTH 1H PLAT
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 2500
 PROVEN SOURCE OF ELEVATION GPS (SURVEY GRADE)

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

DATE MAY 6, 2011
 OPERATOR'S WELL NO. LONGWORTH 1H
 API WELL NO. Revised

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1282' WATERSHED: Grave Creek Watershed
 DISTRICT: CLAY COUNTY: MARSHALL
 QUADRANGLE: GLEN EASTON

STATE COUNTY 47 - 51 - 01453H PERMIT
CANCELLED

WELL OPERATOR: GRAHAM H. LONGWORTH JR ACREAGE: ±184.7
 OIL & GAS ROYALTY OWNER: SEE ABOVE TABLE LEASE ACREAGE: ±483.95
 LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT AND REPLUG OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 6523'
 WELL OPERATOR: AB RESOURCES PA, LLC DESIGNATED AGENT: CT CORPORATION SYSTEM
 ADDRESS: 6802 W SNOWVILLE RD, SUITE E ADDRESS: 5400 D BIG TYLER RD.
BRECKSVILLE, OH 44141 CHARLESTON, WV 25313

02/13/2015