

FORM WW-6  
 Sep 13, 2011-12:33pm  
 Watson  
 Layout: PRN 8H PLAT  
 Sets: 005092\_0425\_Plan Sets\005092\_0425\_8H PLAT.dwg  
 File name: C:\Civil 3D Projects\005092\_0425\_Plan Sets\005092\_0425\_8H PLAT.dwg

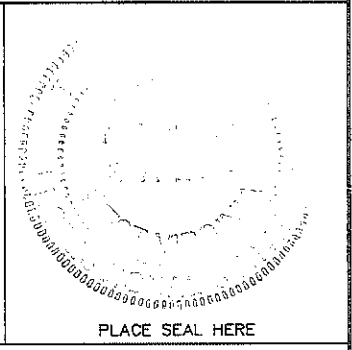
- NOTES:
1. THERE ARE NO DWELLINGS WITHIN 200' OF PROPOSED WELL.
  2. PROPOSED WELL IS GREATER THAN 100' FROM THE MINERAL LINE.
  3. THE LOCATION OF BOUNDARY LINES ARE BASED ON RECORDED DEED DESCRIPTIONS AND NOT BASED ON AN ACTUAL FIELD SURVEY.
- (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC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

**HRG**  
 Engineering & Related Services  
 240 Scott Avenue, Suite 1  
 Morgantown, WV 26508  
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FILE NO. R005092.0425  
 DRAWING NO. WELL 8H PLAT  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1 : 2500  
 PROVEN SOURCE OF ELEVATION GPS (SURVEY GRADE)

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



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

DATE SEPTEMBER, 2011  
 OPERATOR'S WELL NO. MARY MATHENY PRN 8H  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

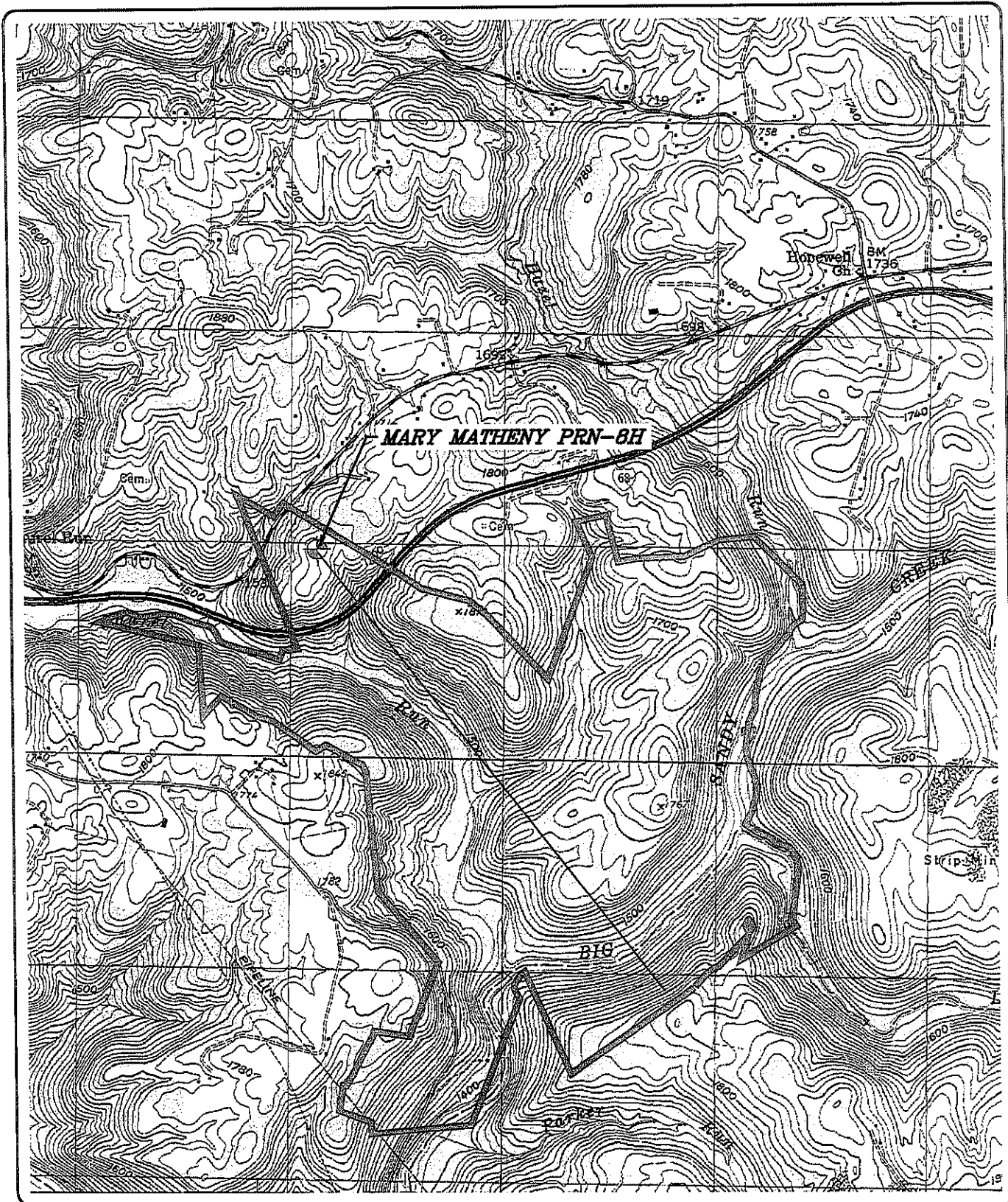
LOCATION: ELEVATION 1763.50 WATERSHED: UNNAMED TRIBUTARY TO LAUREL RUN  
 DISTRICT: GRANT COUNTY: PRESTON  
 QUADRANGLE: BRUCETON MILLS

SURFACE OWNER: MARY MATHENY ACREAGE: ±51  
 OIL & GAS ROYALTY OWNER: SEE ABOVE TABLE LEASE ACREAGE: ±1086  
 LEASE NO. 1-342775-000

PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X  
 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: TVD=7830' TMD=16,422  
 WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC B. GILLESPIE  
 ADDRESS: PO BOX 18496 ADDRESS: PO BOX 6070  
OKLAHOMA CITY, OK 73154-0496 CHARLESTON, WV 25301

COUNTY NAME  
 PERMIT



File name: C:\NCR\_3D Project\05092\_0425\Plan Set\050920425\Map Layout\WELL UNIT LOC MAP Sep 16, 2011 3:56pm fraction

**HRG**  
 Herbert Rowland & Grubic, Inc.  
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**WELL UNIT LOCATION MAP  
 FOR  
 MARY MATHENY PRN-8H**

GRANT DISTRICT      PRESTON COUNTY      WEST VIRGINIA

PROJ. MGR. - THK
DESIGN - RMW
CADD - RMW
CHECKED - THK
SCALE - 1" = 2000'
DATE - SEPT. 2011

DRAWING NO. <b>LOC-01</b>
SHEET NO. <b>01 OF 01</b>
PROJECT R005092.0425