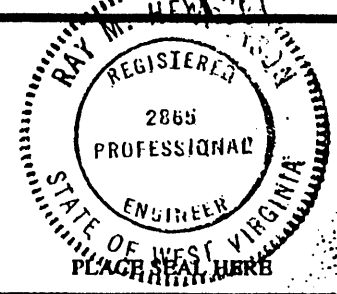


- + CBM WELL ON U.S.G.S. 7.5' QUAD
- ☼ COALBED METHANE WELL
- OIL & GAS WELLS FROM U.S.G.S. QUAD

FILE NO. MFN 40-0003
 DRAWING NO. LAYER: GW-4W2
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUB-METER GPS:
TRIMBLE XR-PRO DIFFERENTIAL GPS
 PROVEN SOURCE OF ELEVATION DIFFERENTIAL GPS

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 DIVISION OF ENVIRONMENTAL PROTECTION

(SIGNED) Ray M. Henderson
 R.P.E. WV 2565 L.L.S. _____



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

DATE MARCH 3, 1998
 OPERATOR'S WELL NO. 4W2
 API WELL NO. _____
47 - 061 - 1349-C
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 976.72' WATERSHED DUNKARD CREEK
 DISTRICT CLAY COUNTY MONONGALIA
 QUADRANGLE BLACKSVILLE, WV-PA

SURFACE OWNER CONSOLIDATION ACREAGE 278.25
 OIL & GAS ROYALTY OWNER CONSOLIDATION LEASE ACREAGE N/A
 COAL OWNER CONSOLIDATION LEASE NO. N/A

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL 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 PITTSBURGH ESTIMATED DEPTH 480'
 WELL OPERATOR NOUMENON DESIGNATED AGENT STEPHEN K. SHUMAN
 ADDRESS P.O. BOX 842 ADDRESS 256 HIGH STREET
MORGANTOWN, WV 26505 MORGANTOWN, WV 26505

MAY 17 1998

MONONGALIA COUNTY NAME PERMIT 1349-C