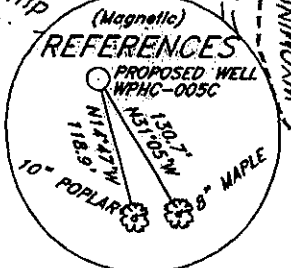


LATITUDE 37°45'00"
PROPOSED WELL COORDINATES
 N:271193.88
 E:1871314.80
 WV SOUTH ZONE
 NAD 27

BEARING CHART

Well Number		Bearing	Distance
From	To		
2214	WPHC-005B	S36°55'34"E	1116.79'
WPHC-005B	WPHC-005A	S58°01'59"W	220.53'
WPHC-005A	WPHC-005C	S38°28'35"W	211.39'
WPHC-005C	1479	S75°56'12"E	2464.72'

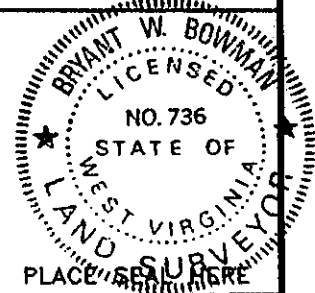


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

PLUM CREEK TIMBER LANDS LP.
 Deed Book 408 Page 47B
 P/O Tax Map 123 par. 8
 4301 ac. surface
WYOMING POCAHONTAS COAL CORP.
 4301 ac. mineral

FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=2000'
 MINIMUM DEGREE OF ACCURACY 1:280000
 PROVEN SOURCE OF ELEVATION GPS DISK NO. N
 2581.83'

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) Bryant W. Bowman
 R.P.E. _____ L.L.S. 736



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



DATE MARCH 1, 2004
 OPERATOR'S WELL NO. WPHC-005C
 API WELL NO. 47-109-02402C
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 2315.38' WATERSHED TROUGH FORK OF LAUREL FORK
 DISTRICT SLAB FORK COUNTY WYOMING
 QUADRANGLE McGRAWS, WY
 SURFACE OWNER PLUM CREEK TIMBER LANDS LP. ACREAGE 4301±
 OIL & GAS ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 30000±
 LEASE NO. _____

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 Beekley Poca 3 ESTIMATED DEPTH 1445
 WELL OPERATOR PENN VIRGINIA OIL & GAS CORPORATION DESIGNATED AGENT MR. HARRY JEWEL
 ADDRESS 2550 EAST STONE DRIVE SUITE 110 ADDRESS PO BOX 460
 KINGSFORT, TN 37660 RAVENCLIFF, WY 25913

FORM WW-6

COUNTY NAME WYO
 PERMIT 2102 C