

| | | | |
|-----------------|--------|-----------------|--------|
| A = N 89° 30' E | 214.50 | H = N 19° 30' W | 136.95 |
| B = S 67° 30' E | 129.86 | I = N 19° 30' W | 127.87 |
| C = S 15° 00' E | 243.87 | J = N 3° 30' W | 165.00 |
| D = S 9° 00' W | 74.25 | K = N 21° 00' E | 156.75 |
| E = S 43° 15' W | 70.00 | L = N 53° 30' E | 198.00 |
| F = N 49° 30' W | 146.03 | M = N 56° 00' E | 198.00 |
| G = N 31° 30' W | 290.40 | | |

2.425
0.08W
Calc 15' loc

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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 IN 5000
 PROVEN SOURCE OF ELEVATION COMPANY SURVEY
 TIED INTO U.S.G.S. NETWORK

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 ENERGY
 (SIGNED) Paul D. Herbert
 R.P.E. _____ L.L.S. 862



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE 12-20, 19 90
 OPERATOR'S WELL NO. 4162B
 API WELL NO. _____

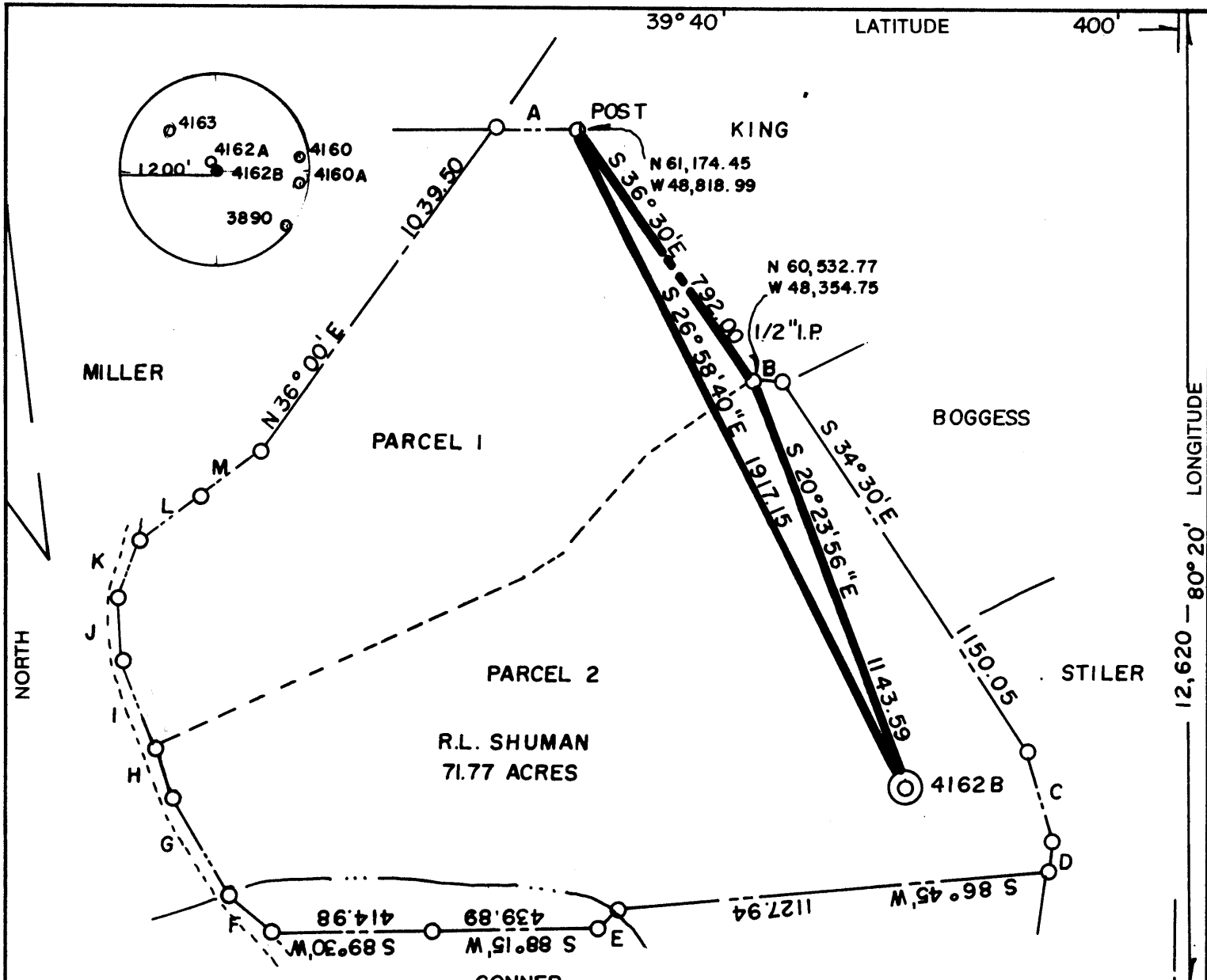
WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X ABANDONED X
 LOCATION: ELEVATION 1365.16 WATERSHED RANGE RUN

DISTRICT BATTLE COUNTY MONONGALIA
 QUADRANGLE WADESTOWN WV, PA Mannington 80 C

SURFACE OWNER R.L. SHUMAN ACREAGE 71.77
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____

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 X CLEAN OUT AND REPLUG ___
 TARGET FORMATION NONE ESTIMATED DEPTH _____
 WELL OPERATOR CONSOLIDATION COAL CO. DESIGNATED AGENT ROGER E. DUCKWORTH
 ADDRESS P.O. BOX 1314 MORGANTOWN W.V. 26505 ADDRESS P.O. BOX 1314 MORGANTOWN W.V. 26505



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 (SIGNED) Paul D. Herbert
 R.P.E. _____ L.L.S. 862

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

DATE 12-20, 19 90
 OPERATOR'S WELL NO. 4162B
 API WELL NO. 47-61-2006-P

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

LOCATION: ELEVATION 1365.16 WATERSHED RANGE RUN
 DISTRICT BATTELLE COUNTY MONONGALIA
 QUADRANGLE WADESTOWN WV, PA

SURFACE OWNER R.L. SHUMAN ACREAGE 71.77
 OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE _____
 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 X CLEAN OUT AND REPLUG ___
 TARGET FORMATION NONE ESTIMATED DEPTH _____
 WELL OPERATOR CONSOLIDATION COAL CO. DESIGNATED AGENT ROGER E. DUCKWORTH
 ADDRESS P.O. BOX 1314 MORGANTOWN W.V. 26505 ADDRESS P.O. BOX 1314 MORGANTOWN W.V. 26505

AUG 14 1992

FORM WW-6
 HALLS, INC. 068065

Mo Non
 COUNTY NAME
 1006-P
 PERMIT