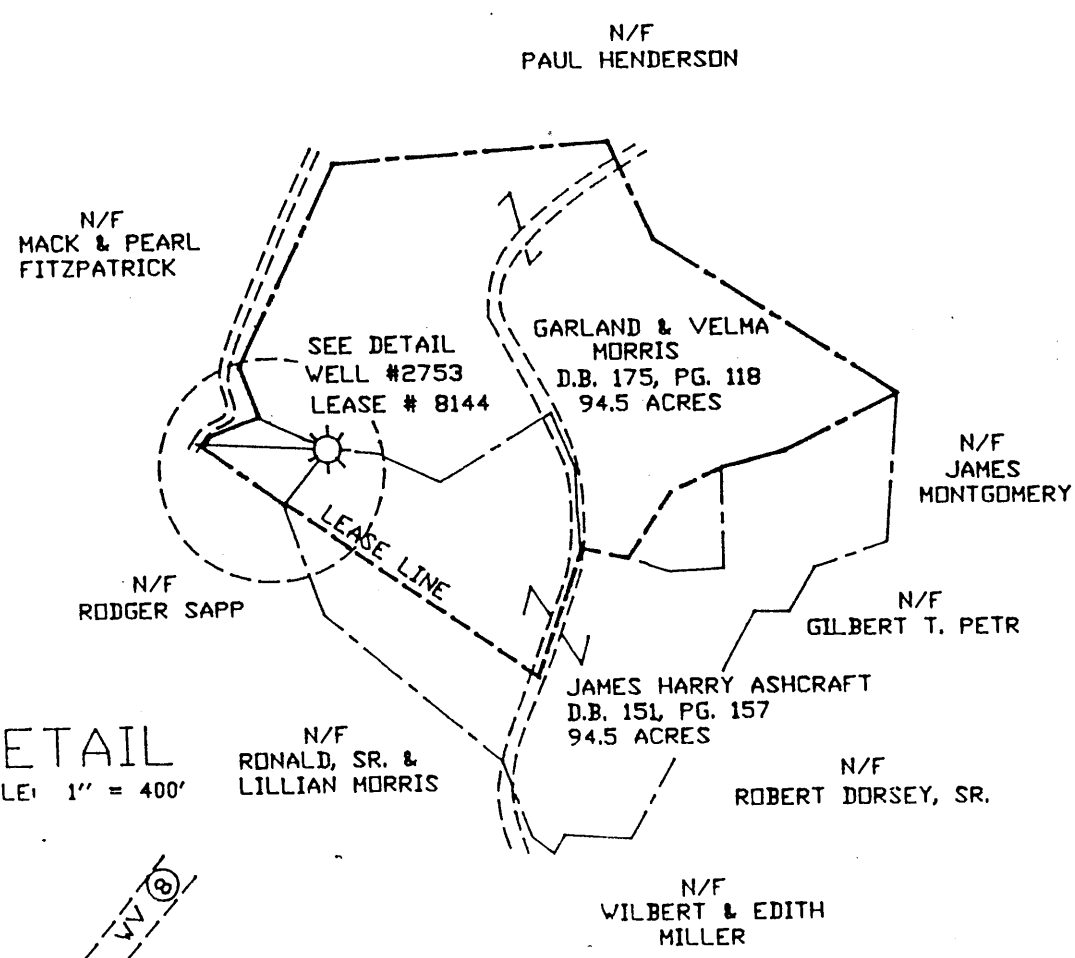


*Janie
6/22/92*

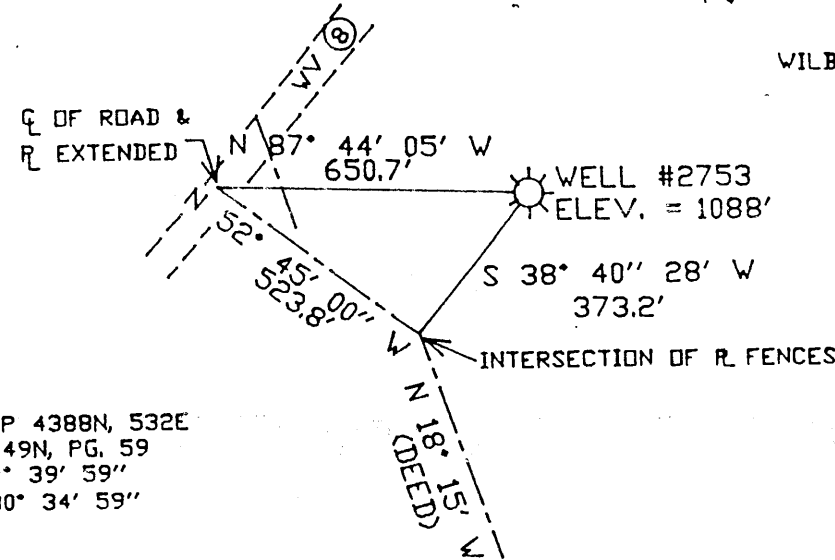
11,600' LATITUDE 39° 40' 00"

LONGITUDE 80° 32' 30"

NORTH



DETAIL
SCALE: 1" = 400'



INV. MAP 4388N, 532E
F. B. 1749N, PG. 59
LAT. 39° 39' 59"
LONG. 80° 34' 59"

NOTE: THIS MAP IS FOR WELL LOCATION PURPOSES ONLY AND DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY

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

FILE NO. _____
DRAWING NO. <u>602753</u>
SCALE <u>1" = 1000'</u>
MINIMUM DEGREE OF ACCURACY <u>1"/2500'</u>
PROVEN SOURCE OF ELEVATION <u>ROAD INTER. ELEV. = 1009'</u>

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 MINES

(SIGNED) *Janie L. Browning*
R.P.E. _____ L.L.S. 398

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE FEBRUARY 4, 19 92
OPERATOR'S WELL NO. 602753
API WELL NO. 47-103-1506-P

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1088' WATER SHED MILLER FORK
DISTRICT CENTER COUNTY WETZEL
QUADRANGLE LITTLETON, WV

SURFACE OWNER GARLAND AND VELMA MORRIS ACREAGE 94.5
OIL & GAS ROYALTY OWNER E. E. MOORE ET AL LEASE ACREAGE 125
LEASE NO. 8144

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 BIG INJUN ESTIMATED DEPTH 2257'
WELL OPERATOR COLUMBIA NATURAL RESOURCES DESIGNATED AGENT *Joseph E. Campbell*
ADDRESS P.O. BOX 6070, CHARLESTON, WV 25362 ADDRESS P.O. BOX 6070 CHARLESTON, WV 25362-0070

FORM IV-6 (8-78) H.T. HALL

COUNTY NAME WETZEL
PERMIT 1506
DATE JUN 24 1992

Littleton 8

11,600

LATITUDE 39° 40' 00"

051

LONGITUDE 80° 32' 30"

[Handwritten signature]

003
2-20

N/F
PAUL HENDERSON

N/F
MACK & PEARL
FITZPATRICK

SEE DETAIL
WELL #2753
LEASE # 8144

GARLAND & VELMA
MORRIS
D.B. 175, PG. 118
94.5 ACRES

N/F
JAMES
MONTGOMERY

N/F
RODGER SAPP

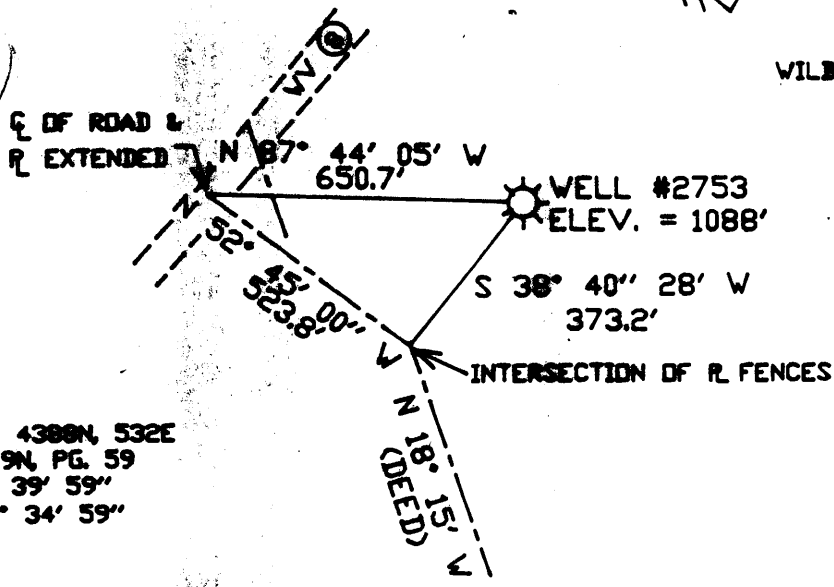
N/F
GILBERT T. PETR

JAMES HARRY ASHCRAFT
D.B. 151, PG. 157
94.5 ACRES

N/F
ROBERT DORSEY, SR.

DETAIL
SCALE: 1" = 400'
N/F
RONALD, SR. &
LILLIAN MORRIS

N/F
WILBERT & EDITH
MILLER



INV. MAP 4388N, 532E
F. B. 1749N, PG. 59
LAT. 39° 39' 59"
LONG. 80° 34' 59"

NOTE: THIS MAP IS FOR
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 MINIMUM DEGREE OF
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 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
 MENT OF MINES
 (SIGNED) James A. Branning
 R.P.E. _____ L.L.S. 398

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE FEBRUARY 4, 1992
 OPERATOR'S WELL NO. 602753
 API WELL NO. 47-103-1506-P

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1088' WATERSHED MILLER FORK
 DISTRICT CENTER COUNTY WETZEL
 QUADRANGLE LITTLETON, WV

SURFACE OWNER GARLAND AND VELMA MORRIS ACREAGE 94.5
 OIL & GAS ROYALTY OWNER E. E. MOORE ET AL LEASE ACREAGE 125
 LEASE NO. 8144

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 BIG INJUN ESTIMATED DEPTH 2257'
 WELL OPERATOR COLUMBIA NATURAL RESOURCES DESIGNATED AGENT Joseph E. Campbell
 ADDRESS P.O. BOX 6070, Charleston, WV 25362 ADDRESS P.O. BOX 6070, Charleston, WV 25362
0070 25362-0070

WET
 COUNTY NAME
 PERMIT
 1506

FORM IV-6 (8-78)
 H.T. HALL

APR 6 5 1992