

LONG. 80° 33' 18.5"

← 3790' →

LATITUDE 40° 15'

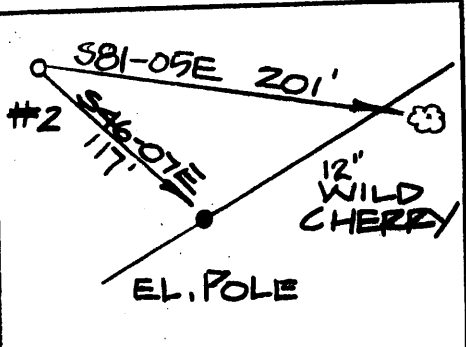
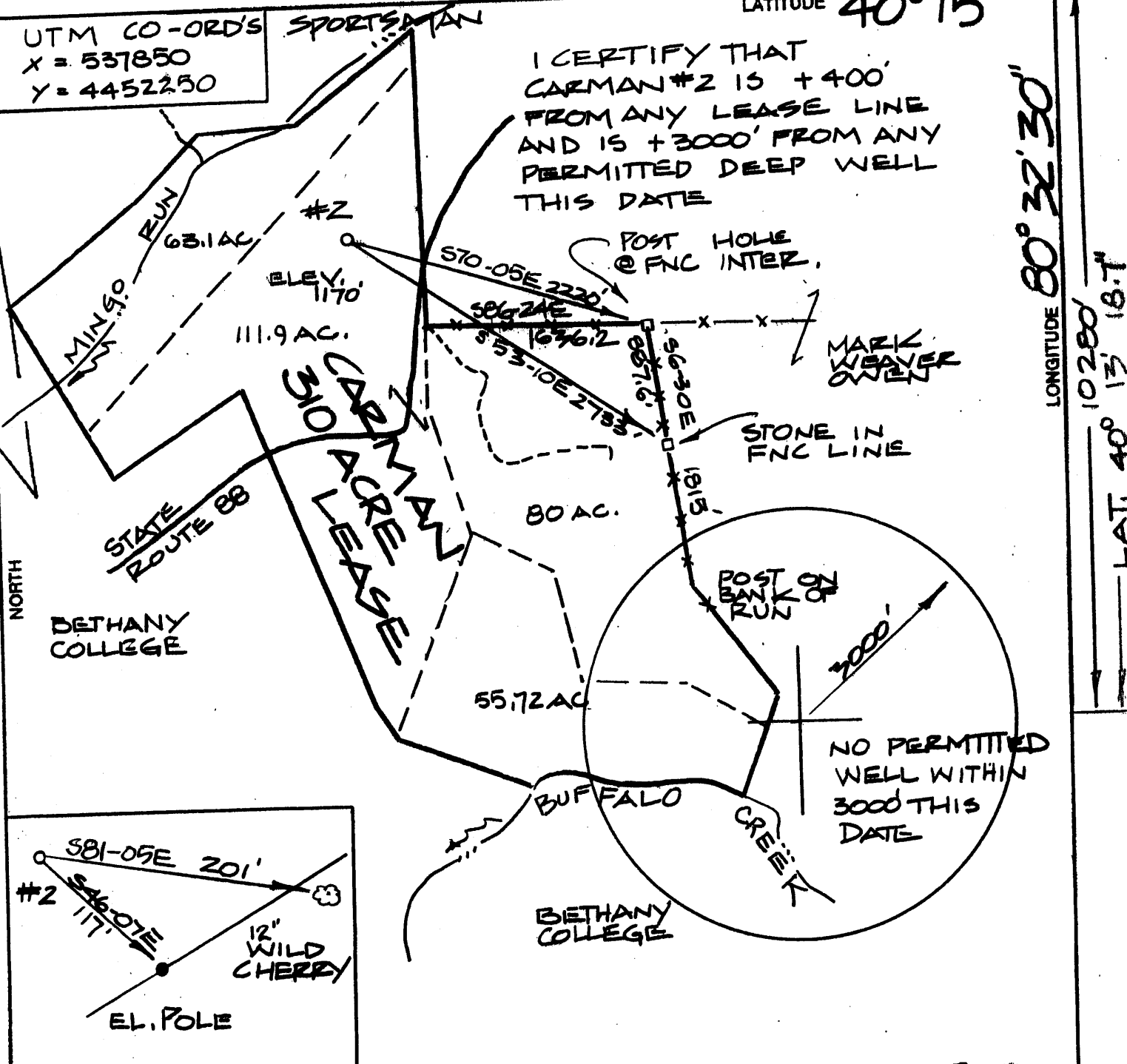
UTM CO-ORDS
X = 537850
Y = 4452250

I CERTIFY THAT
CARMAN #2 IS +400'
FROM ANY LEASE LINE
AND IS +3000' FROM ANY
PERMITTED DEEP WELL
THIS DATE

LONGITUDE 80° 32' 30"

10280'
LAT. 40° 13' 18.7"

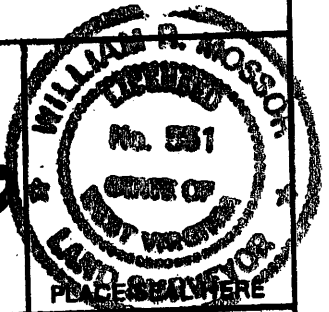
NORTH



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION GPS SURVEY

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 ENFORCED BY THE DEPARTMENT OF ENERGY AND NATURAL RESOURCES.
 (SIGNED) ~~WILLIAM R. MOSSON~~
 R.P.E. _____ P.S. 551



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS



DATE 21 SEPTEMBER 01
 OPERATOR'S WELL NO. 2
 API WELL NO. _____

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP SHALLOW _____
 LOCATION: ELEVATION 1170' WATER SHED MINGO RUN OF BUFFALO CREEK
 DISTRICT BUFFALO COUNTY BROOKE
 QUADRANGLE BETHANY
 SURFACE OWNER KIMBERLY J. CARMAN ACREAGE 103.44
 OIL & GAS ROYALTY OWNER KIMBERLY J. CARMAN LEASE ACREAGE 310 ±
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
 STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW
 FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) TEST WELL

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION GRANITE - WASH
 WELL OPERATOR MARTIN TWIST ENERGY DESIGNATED AGENT CHARLES DOLLISON
 ADDRESS 2644 CONNER DRIVE ADDRESS 600 QUARRIER ST
 CHARLESTON, WV 25302 CHARLESTON, WV 25301

MAY 19 2006

COUNTY NAME BROOKE
PERMIT 0082 CANCEL

LONG. 80° 33' 18.5"

3790'

LATITUDE 40° 15'

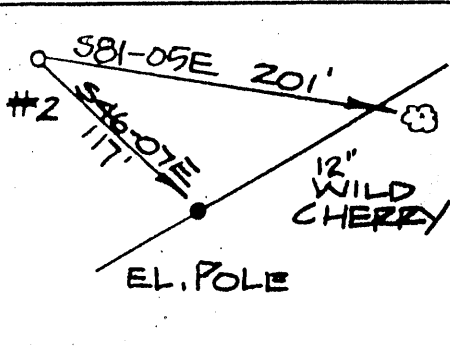
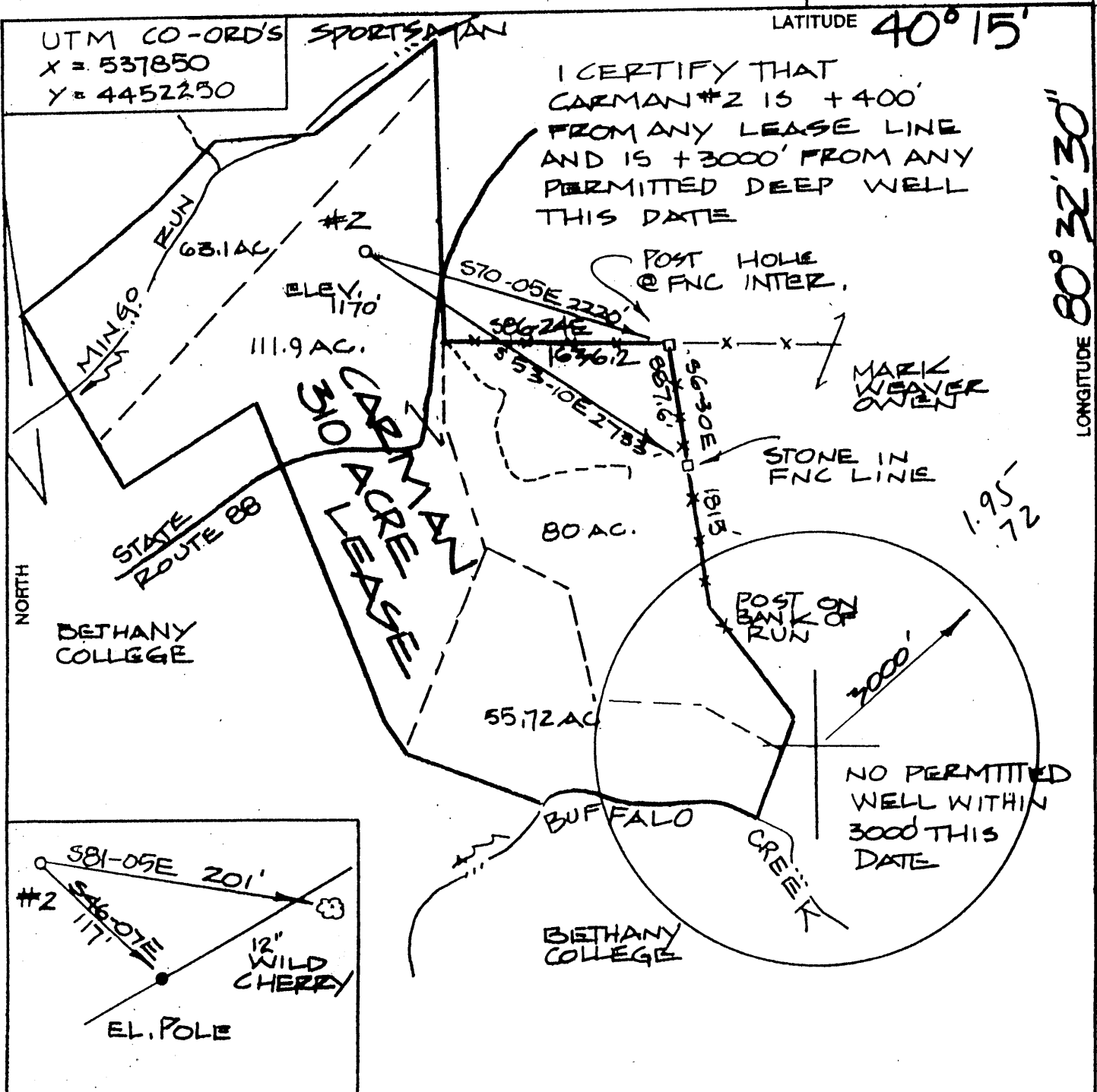
UTM CO-ORD'S
X = 537850
Y = 4452250

SPORTSMAN

I CERTIFY THAT
CARMAN #2 IS +400'
FROM ANY LEASE LINE
AND IS +3000' FROM ANY
PERMITTED DEEP WELL
THIS DATE

LONGITUDE 80° 32' 30"

10280'
LAT. 40° 13' 18.1"



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION GPS SURVEY

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOW ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND ENFORCED BY THE DEPARTMENT OF ENERGY AND MINERAL RESOURCES (SIGNED) _____ P.S. 551



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS

DATE 21 SEPTEMBER 2011
 OPERATOR'S WELL NO. 2
 API WELL NO. 47 009 00082
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1170' WATER SHED MINGO RUN OF BUFFALO CREEK
 DISTRICT BUFFALO COUNTY BROOKE
 QUADRANGLE BETHANY

SURFACE OWNER KIMBERLY J. CARMAN ACREAGE 103.44
 OIL & GAS ROYALTY OWNER KIMBERLY J. CARMAN LEASE ACREAGE 310 ±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) TEST WELL

PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION GRANITE - WASH ESTIMATED DEPTH BASEMENT
 WELL OPERATOR MARTIN TWIST ENERGY DESIGNATED AGENT CHARLES DOLLISON
 ADDRESS 2644 CONNER DRIVE ADDRESS 600 QUARRIER ST.
CHARLESTON, WV 25302 CHARLESTON, WV 25301

COUNTY NAME 840
PERMIT 0082