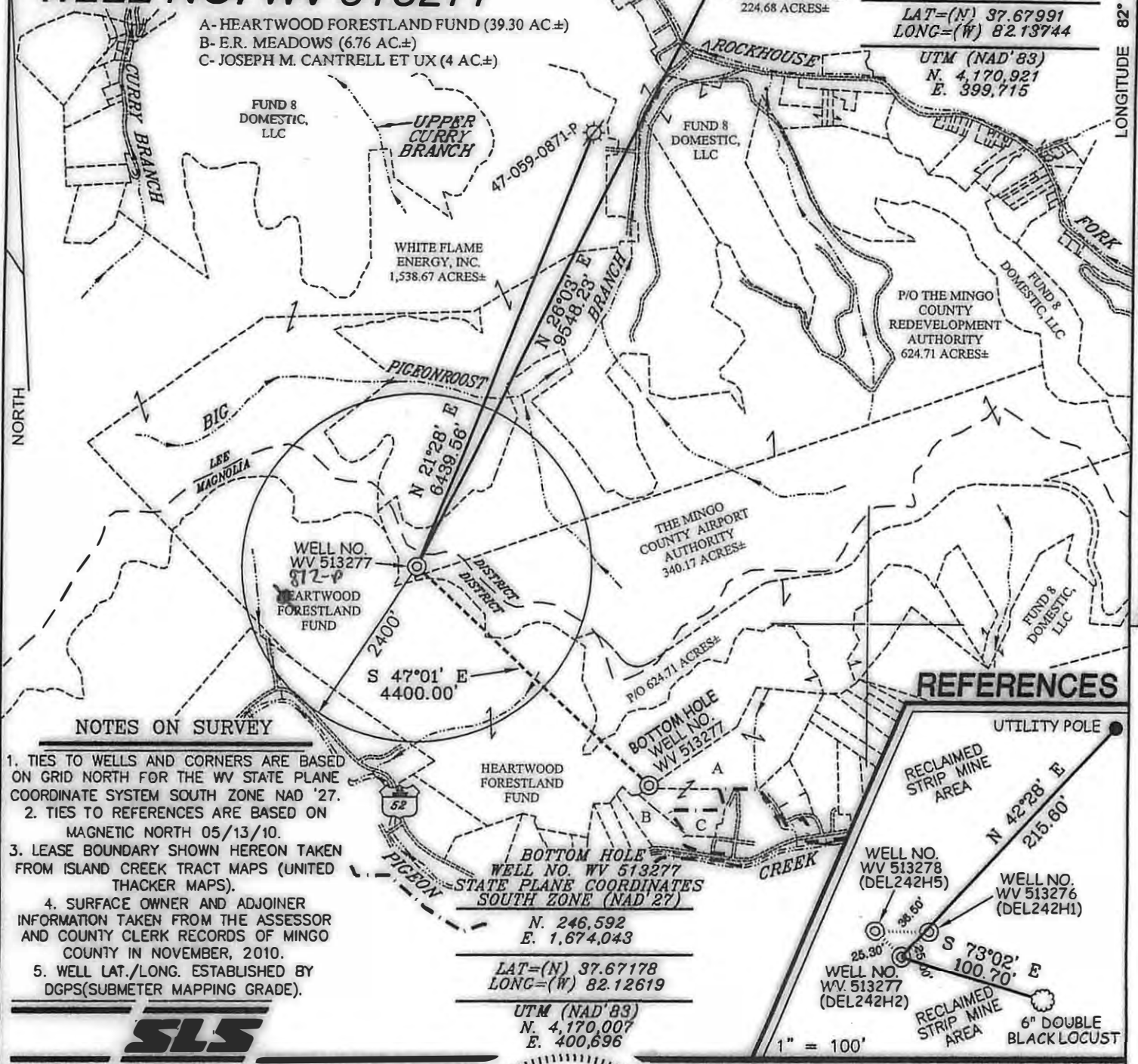


ISLAND CREEK COAL CO. LEASE 60,000 ACRES ± WELL NO. WV 513277

LATITUDE 37° 42' 30"
 WELL NO. WV 513277
 STATE PLANE COORDINATES
 SOUTH ZONE (NAD '27)
 N. 249,592
 E. 1,670,824
 LAT=(N) 37.67991
 LONG=(W) 82.13744
 UTM (NAD'83)
 N. 4,170,921
 E. 399,715

A- HEARTWOOD FORESTLAND FUND (39.30 AC.±)
 B- E.R. MEADOWS (6.76 AC.±)
 C- JOSEPH M. CANTRELL ET UX (4 AC.±)

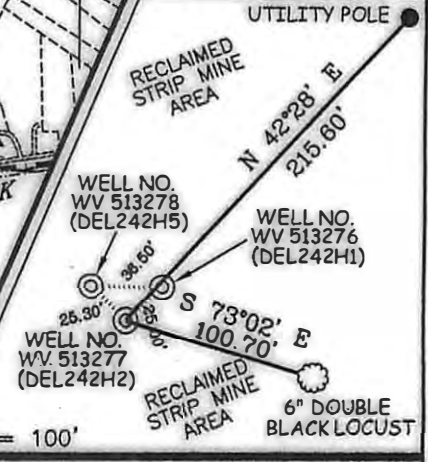


NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 05/13/10.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM ISLAND CREEK TRACT MAPS (UNITED THACKER MAPS).
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN NOVEMBER, 2010.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



REFERENCES



STATE PLANE COORDINATES
 SOUTH ZONE (NAD '27)
 N. 246,592
 E. 1,674,043
 LAT=(N) 37.67178
 LONG=(W) 82.12619
 UTM (NAD'83)
 N. 4,170,007
 E. 400,696

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.

P.S. 677

Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE DECEMBER 20, 20 10
 OPERATORS WELL NO. WV 513277
 API WELL NO. 47-059-022184
 STATE COUNTY PERMIT
CANCELLED

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3890P513277 (299-58)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2,000'

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

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

LOCATION: ELEVATION 1,758' WATERSHED PIGEON CREEK
 DISTRICT MAGNOLIA COUNT MINGO QUADRANGLE DELBARTON 7.5'

SURFACE OWNER THE MINGO COUNTY REDEVELOPMENT AUTHORITY ACREAGE 624.71±
 ROYALTY OWNER ISLAND CREEK CORPORATION LEASE ACREAGE 60,000±
 PROPOSED WORK: LEASE NO. 080662
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION LOWER HURON
 ESTIMATED DEPTH 5,150' (TOTAL VERTICAL DEPTH)

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
 ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE
 CHARLESTON, WV 25302 CHARLESTON, WV 25302

07/26/2013