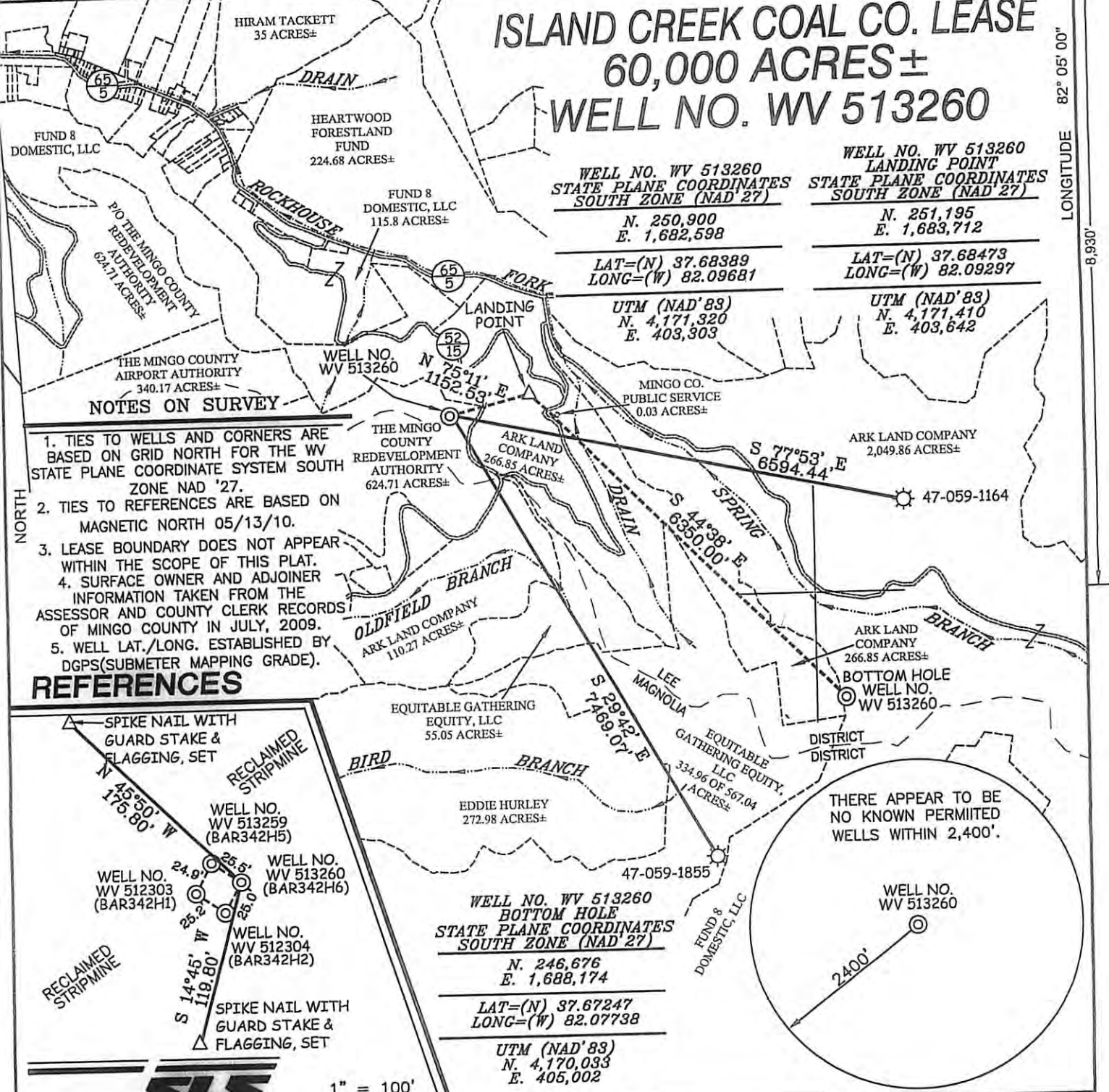


# ISLAND CREEK COAL CO. LEASE 60,000 ACRES± WELL NO. WV 513260

LONGITUDE 82° 05' 00"



- 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 DOES NOT APPEAR WITHIN THE SCOPE OF THIS PLAT.
  4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN JULY, 2009.
  5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

### REFERENCES

WELL NO. WV 513260  
**BOTTOM HOLE**  
 STATE PLANE COORDINATES  
 SOUTH ZONE (NAD'27)  
 N. 246,676  
 E. 1,688,174  
 LAT=(N) 37.67247  
 LONG=(W) 82.07738  
 UTM (NAD'83)  
 N. 4,170,033  
 E. 405,002

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 AUGUST 18, 2010  
 OPERATORS WELL NO. WV 513260  
 API WELL NO. 47-059-02184H  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500  
 FILE NO. 3890P513260 (299-61)  
 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 X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

LOCATION: ELEVATION 1,807' WATERSHED SPRING BRANCH OF ROCKHOUSE FORK OF PIGEON CREEK  
 DISTRICT LEE COUNTY MINGO QUADRANGLE BARNABUS 7.5'  
 SURFACE OWNER MINGO COUNTY REDEVELOPMENT AUTHORITY ACREAGE 624.71± RESIDUE OF 964.88±  
 ROYALTY OWNER ISLAND CREEK CORPORATION LEASE ACREAGE 60,000±  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X 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 5,230' (TOTAL VERTICAL DEPTH)

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