

ISLAND CREEK COAL CO. LEASE 60,000 ACRES± WELL NO. WV 513259

**WELL NO. WV 513259
STATE PLANE COORDINATES
SOUTH ZONE (NAD 27)**

N. 250,914
E. 1,682,578

LAT=(N) 37.68393
LONG=(W) 82.09688

UTM (NAD'83)
N. 4,171,325
E. 403,296

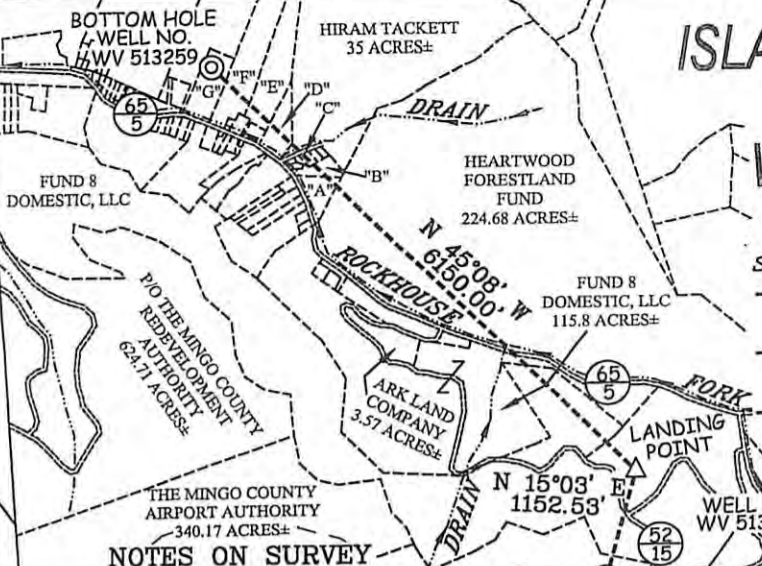
**WELL NO. WV 513259
LANDING POINT
STATE PLANE COORDINATES
SOUTH ZONE (NAD 27)**

N. 252,027
E. 1,682,877

LAT=(N) 37.68699
LONG=(W) 82.09589

UTM (NAD'83)
N. 4,171,664
E. 403,388

- "A" - A. MAHON 7 ACRES±
- "B" - W. DAVIS 1.25 ACRES±
- "C" - W. DAVIS (5 LOTS)
- "D" - L. SPRADLIN 3 ACRES±
- "E" - W. RAMSEY 2.33 ACRES±
- "F" - D. HALL 2.84 ACRES±
- "G" - G. JACKSON 2.50 ACRES±
- "H" - A. JACKSON 2.98 ACRES±



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

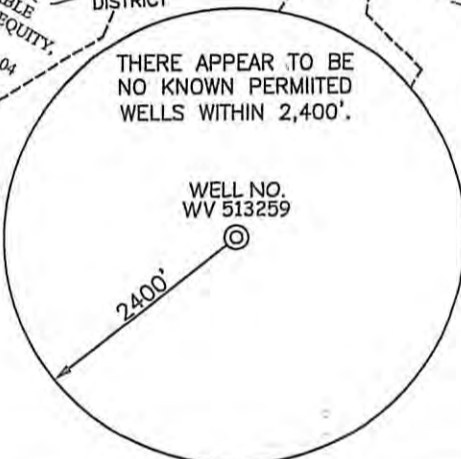


**WELL NO. WV 513259
BOTTOM HOLE
STATE PLANE COORDINATES
SOUTH ZONE (NAD 27)**

N. 256,366
E. 1,678,518

LAT=(N) 37.69877
LONG=(W) 82.11114

UTM (NAD'83)
N. 4,172,986
E. 402,059



THERE APPEAR TO BE NO KNOWN PERMITTED WELLS WITHIN 2,400'.

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, 20 10
OPERATORS WELL NO. WV 513259
API WELL NO. 47-059-021854
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3890P513259 (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 LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
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 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 5,230' (TOTAL VERTICAL DEPTH)

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