

# ISLAND CREEK COAL CO. LEASE 60,000 ACRES± WELL NO. WV 513274

**BOTTOM HOLE**  
WELL NO. WV 513274  
STATE PLANE COORDINATES  
SOUTH ZONE (NAD 27)

N. 259,936  
E. 1,673,779

LAT=(N) 37.70841  
LONG=(W) 82.12766

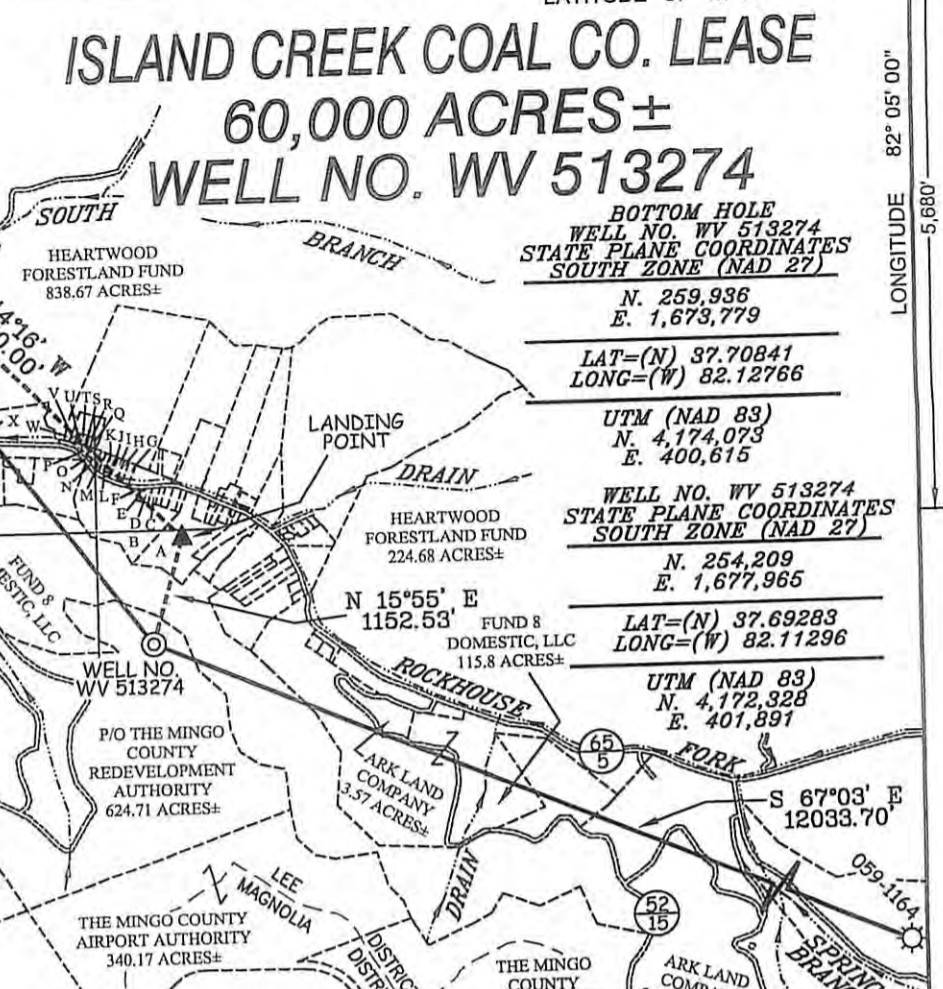
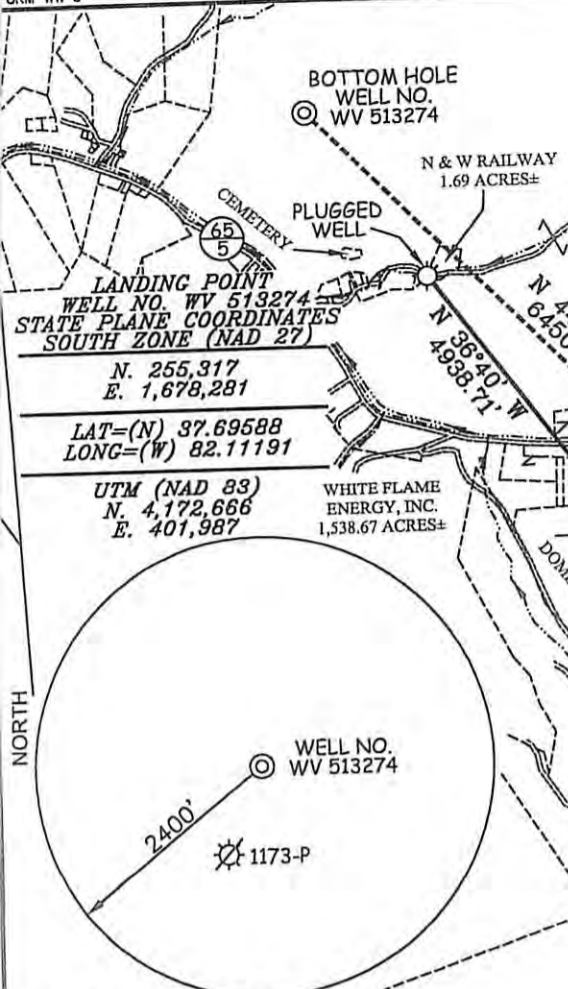
UTM (NAD 83)  
N. 4,174,073  
E. 400,615

**WELL NO. WV 513274**  
STATE PLANE COORDINATES  
SOUTH ZONE (NAD 27)

N. 254,209  
E. 1,677,965

LAT=(N) 37.69283  
LONG=(W) 82.11296

UTM (NAD 83)  
N. 4,172,328  
E. 401,891



## REFERENCES



## 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 05/19/10.
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, 2010.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

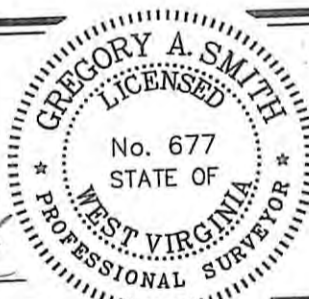
- A - WADE CANADA ET UX 6 AC±
- B - JOHN E. DUTY 6.79 AC±
- C - BALLARD E. OOTEN, JR. ET UX 0.50 AC±
- D - BALLARD E. OOTEN, JR. ET UX 0.50 AC±
- E - JOHN E. DUTY
- F - JOHN E. DUTY 0.10 AC±
- G - GRACIE FERRELL
- H - GRACIE FERRELL
- I - GRACIE FERRELL 0.50 AC±
- J - GRACIE FERRELL 0.17 AC±
- K - LUTHER G. KIRK ET UX 0.33 AC±
- L - LUTHER G. KIRK ET UX
- M - LUTHER G. KIRK ET UX 0.33 AC±
- N - WESLEY A. JUSTICE, II ET UX 0.25 AC±
- O - WESLEY A. JUSTICE, II ET UX 0.25 AC±
- P - GRACIE FERRELL 0.125 AC±
- Q - JOSEPH M. ADAMS ET UX
- R - DANIELLE N. HALL ET AL
- S - JAMES M. HALL
- T - VICKIE L. ADAMS
- U - DANIELLE N. HALL ET AL 0.30 AC±
- V - JESSIE L. HALL 1.70 AC±
- W - CHURCH OF CHRIST TRUST
- X - HEARTWOOD FORESTLAND FUND P/O 4.28 AC±



1" = 100'

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 SEPTEMBER 17, 20 10  
OPERATORS WELL NO. WV 513274  
API WELL NO. 47-059-021804  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3890P513274 (299-65)  
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 1,740' WATERSHED ROCKHOUSE FORK OF PIGEON CREEK  
DISTRICT LEE COUNTY MINGO QUADRANGLE BARNABUS 7.5'  
SURFACE OWNER THE 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 5,130' (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

11/16/2012