

ISLAND CREEK COAL CO. LEASE 60,000 ACRES± WELL NO. WV 507088

LATITUDE 37° 50' 00"
LONGITUDE 82° 05' 00"

BOTTOM HOLE
WELL NO. WV 507088

**BOTTOM HOLE
WELL NO. WV 507088
STATE PLANE COORDINATES
SOUTH ZONE (NAD 27)**

N. 297,789
E. 1,677,877

LAT=(N) 37.81250
LONG=(W) 82.11507

UTM (NAD 83)
N. 4,185,609
E. 401,862

HEARTWOOD
FORESTLAND FUND
24,418.08 ACRES±

LOGAN COUNTY
DEVELOPMENT
AUTHORITY
25.39 ACRES±

Cancelled

LOGAN COUNTY
DEVELOPMENT
AUTHORITY
2.47 ACRES±

WEST VIRGINIA
REGIONAL JAIL
AUTHORITY
17.72 ACRES±

**WELL NO. WV 507088
STATE PLANE COORDINATES
SOUTH ZONE (NAD 27)**

N. 293,092
E. 1,683,067

LAT=(N) 37.79977
LONG=(W) 82.09692

UTM (NAD 83)
N. 4,184,177
E. 403,444

HEARTWOOD
FORESTLAND FUND
24,418.08 ACRES±

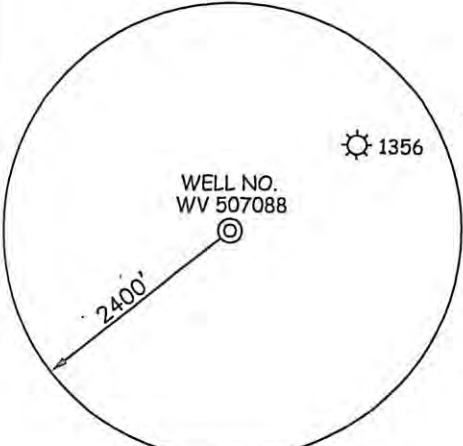
WELL NO.
WV 507088

C & O
RAILROAD
(NOW CSX)

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 04/01/10.
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 LOGAN COUNTY IN JULY, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

REFERENCES



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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JUNE 03, 20 10
 OPERATORS WELL NO. WV 507088
 API WELL NO. 47-045-02372H
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3890P507088 (299-22, 23 & 24)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 1000'

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 1,083' WATERSHED TRACE FORK OF COPPERAS MINE FORK
 DISTRICT ISLAND CREEK COUNTY LOGAN QUADRANGLE HOLDEN 7.5'
 SURFACE OWNER HEARTWOOD FORESTLAND FUND ACREAGE 24,418.08±
 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 4,290' (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