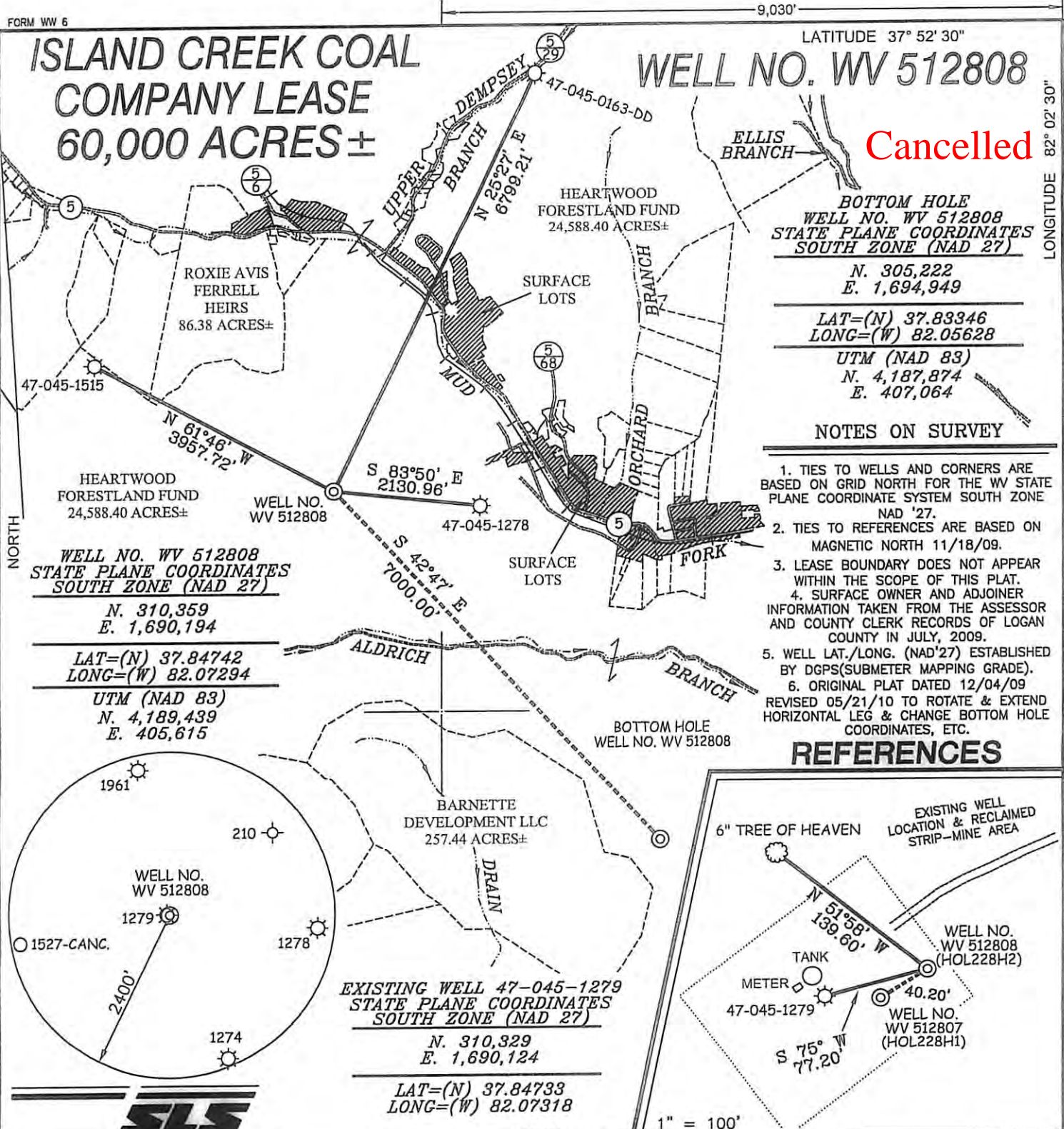


ISLAND CREEK COAL COMPANY LEASE 60,000 ACRES ±

WELL NO. WV 512808

Cancelled



BOTTOM HOLE
WELL NO. WV 512808
STATE PLANE COORDINATES
SOUTH ZONE (NAD 27)

N. 305,222
 E. 1,694,949

LAT=(N) 37.83346
 LONG=(W) 82.05628

UTM (NAD 83)
 N. 4,187,874
 E. 407,064

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 11/18/09.
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).
6. ORIGINAL PLAT DATED 12/04/09 REVISED 05/21/10 TO ROTATE & EXTEND HORIZONTAL LEG & CHANGE BOTTOM HOLE COORDINATES, ETC.

REFERENCES

WELL NO. WV 512808
STATE PLANE COORDINATES
SOUTH ZONE (NAD 27)

N. 310,359
 E. 1,690,194

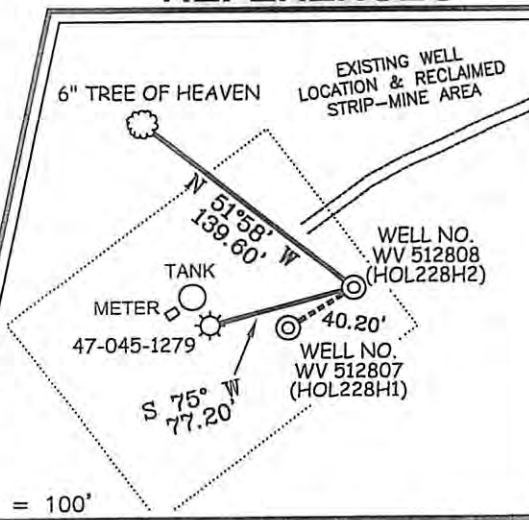
LAT=(N) 37.84742
 LONG=(W) 82.07294

UTM (NAD 83)
 N. 4,189,439
 E. 405,615

EXISTING WELL 47-045-1279
STATE PLANE COORDINATES
SOUTH ZONE (NAD 27)

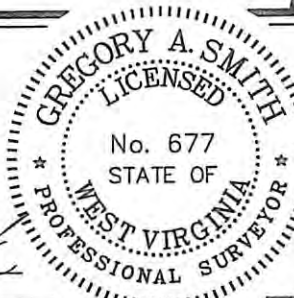
N. 310,329
 E. 1,690,124

LAT=(N) 37.84733
 LONG=(W) 82.07318



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 MAY 21, 20 10

OPERATORS WELL NO. WV 512808

API WELL NO. 47-045-023674
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3890P512808R(289-38)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2000'

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 971' WATERSHED TRIBUTARY OF MUD FORK OF COPPERAS MINE FORK OF ISLAND CREEK

DISTRICT ISLAND CREEK COUNTY LOGAN QUADRANGLE HOLDEN 7.5'

SURFACE OWNER HEARTWOOD FORESTLAND FUND ACREAGE 24,588.40±

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 3,840' (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

01/04/2013