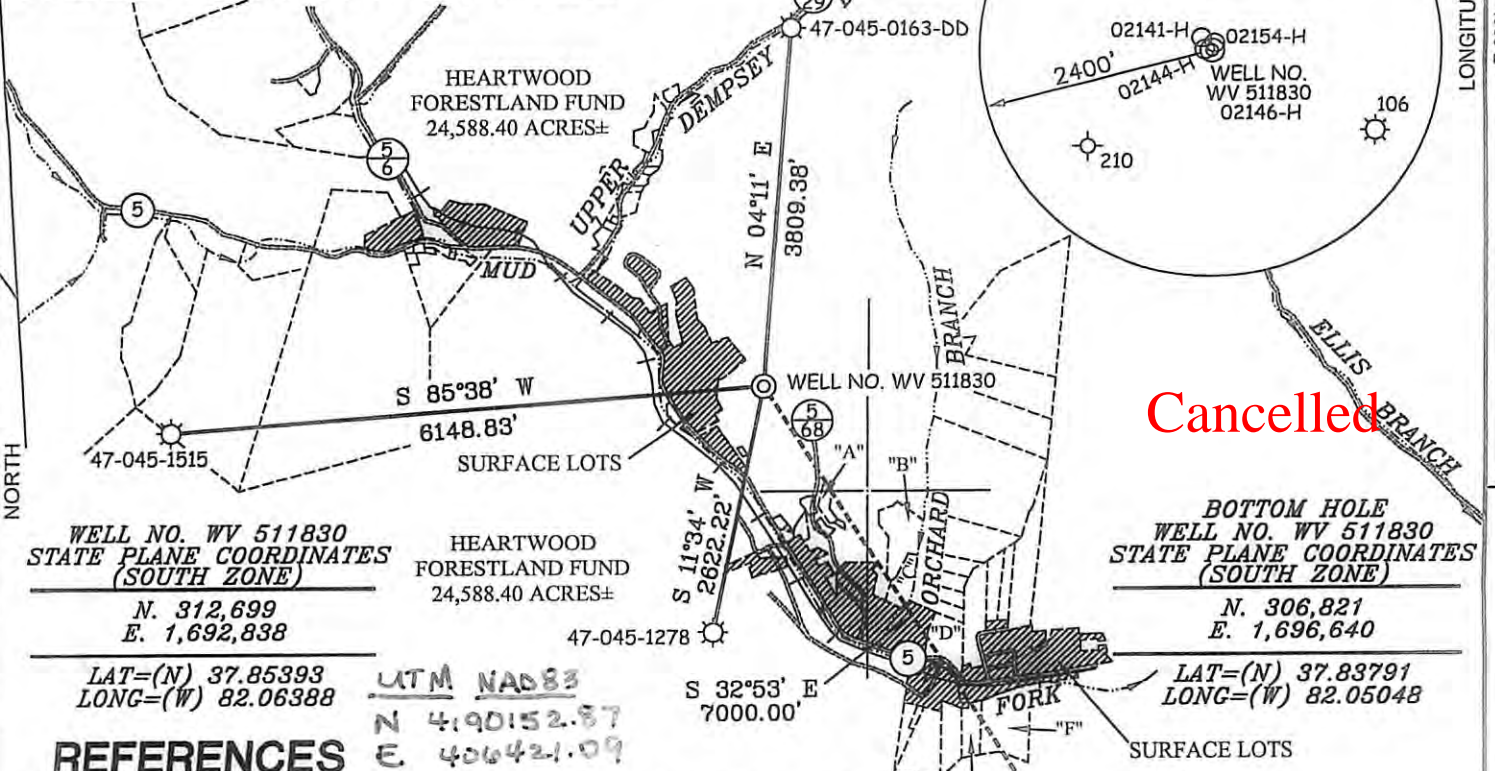


ISLAND CREEK COAL COMPANY LEASE 60,000 ACRES ± WELL NO. WV 511830



WELL NO. WV 511830
STATE PLANE COORDINATES
(SOUTH ZONE)
N. 312,699
E. 1,692,838

HEARTWOOD FORESTLAND FUND
24,588.40 ACRES ±

Cancelled
BOTTOM HOLE
WELL NO. WV 511830
STATE PLANE COORDINATES
(SOUTH ZONE)
N. 306,821
E. 1,696,640

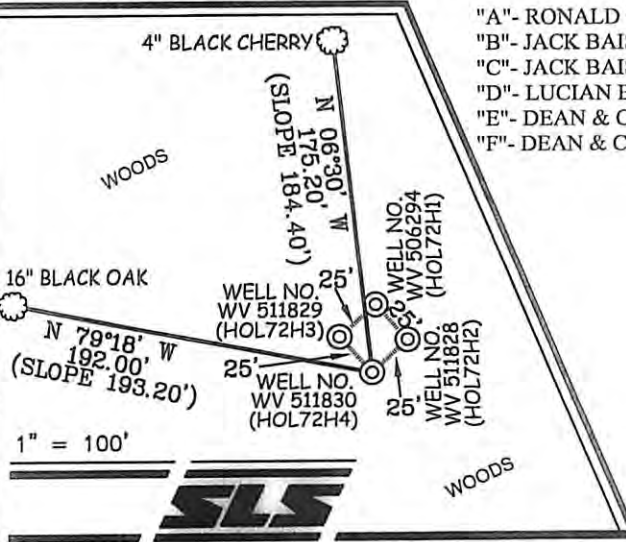
LAT=(N) 37.85393
LONG=(W) 82.06388

UTM NAD83
N 4,901,528.87
E 406,421.09

LAT=(N) 37.83791
LONG=(W) 82.05048

REFERENCES

- "A"- RONALD G. THOMPSON ET UX 0.83 AC.±
- "B"- JACK BAISDEN JR. 5.10 AC.±
- "C"- JACK BAISDEN ET UX 1.59 AC.±
- "D"- LUCIAN BAISDEN ET UX 2.75 AC.±
- "E"- DEAN & CHERRI ROSS 3.14 AC.±
- "F"- DEAN & CHERRI ROSS 3.23 & 4.57 AC.±



HEARTWOOD FORESTLAND FUND
24,588.40 ACRES ±

BOTTOM HOLE
WELL NO. WV 511830

- ### 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 05/20/08.
 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 JANUARY, 2008.
 5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).
 6. ORIGINAL PLAT DATED 07/08/08 REVISED 03/08/10 TO EXTEND HORIZONTAL LEG & CHANGE BOTTOM HOLE COORDINATES, ETC.

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 MARCH 08, 20 10
OPERATORS WELL NO. WV 511830
API WELL NO. 47 - 045 - 02359-H
STATE COUNTY PERMIT

P.S. 677

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3890P511830R (258-43 & 55)
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 1,143' WATERSHED 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: 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 RHINESTREET
ESTIMATED DEPTH 4,750' (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