

ISLAND CREEK COAL COMPANY LEASE

60,000 ACRES ±

WELL NO. WV 512050

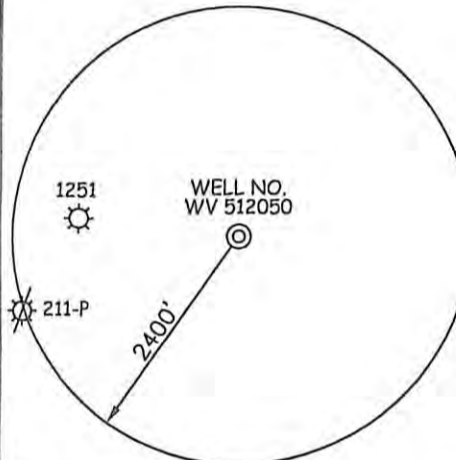
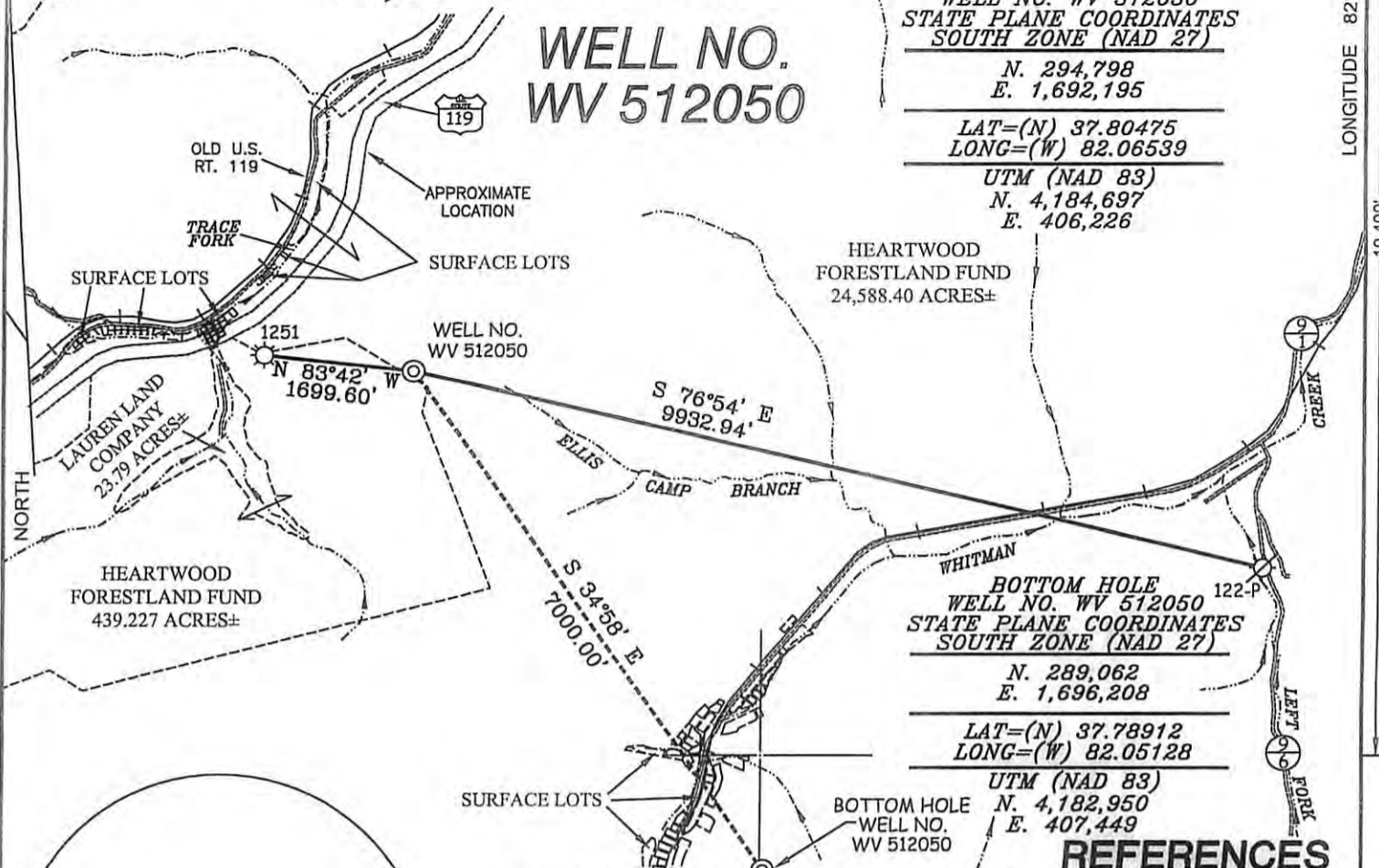
WELL NO. WV 512050
STATE PLANE COORDINATES
SOUTH ZONE (NAD 27)

N. 294,798
E. 1,692,195

LAT=(N) 37.80475
LONG=(W) 82.06539

UTM (NAD 83)
N. 4,184,697
E. 406,226

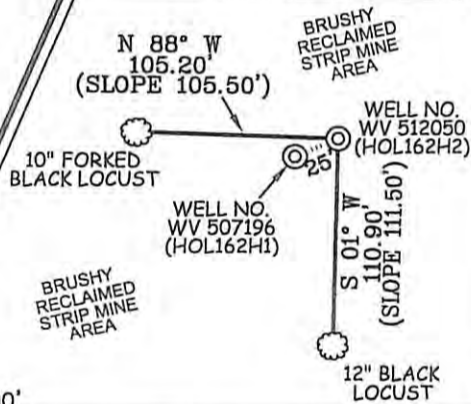
LONGITUDE 82° 02' 30"



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 04/27/10.
3. LEASE BOUNDARY DOES NOT APPEAR WITHIN THE SCOPE OF THIS PLAT.
4. SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF LOGAN COUNTY IN SEPTEMBER, 2009.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. TAX MAPS & OTHER SOURCES INDICATE NUMEROUS SMALL LOTS LOCATED ALONG TRACE FORK AND WHITMAN CREEK.
7. ORIGINAL PLAT DATED 11/17/09 REVISED 01/08/10 NOW VOID. WELL MOVED 04/27/10 NORTHEAST 164'±.

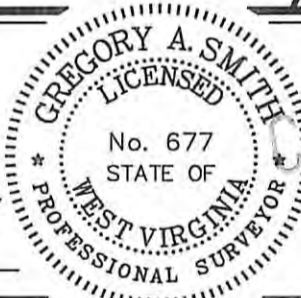
REFERENCES



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.

P.S. 677

Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE MAY 03, 20 10
OPERATORS WELL NO. WV 512050
API WELL NO. 47-045-02344H
STATE CANCELLED COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3890P512050RM (299-41)
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 1,619' WATERSHED TRACE FORK OF COPPERAS MINE FORK
DISTRICT ISLAND CREEK COUNTY LOGAN QUADRANGLE HOLDEN 7.5'

SURFACE OWNER HEARTWOOD FORESTLAND FUND ACREAGE 24,588.40± & 439.227±
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 4,850' (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