

ISLAND CREEK COAL CO. LEASE 60,000 ACRES ± WELL NO. WV 513263

BOTTOM HOLE
WELL NO. WV 513263
STATE PLANE COORDINATES
SOUTH ZONE (NAD '27)

N. 254,420
E. 1,671,920

LAT=(N) 37.69320
LONG=(W) 82.13386

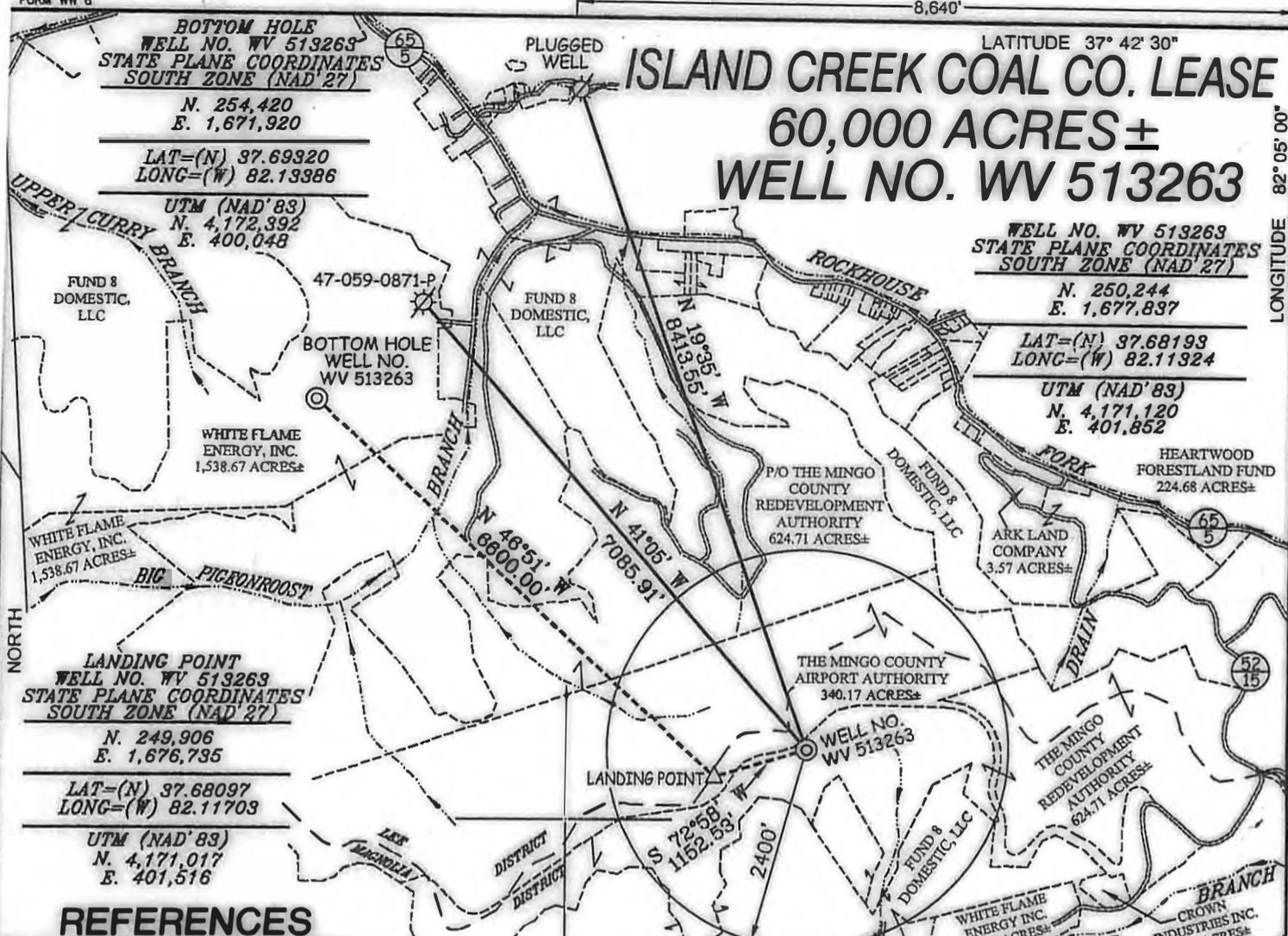
UTM (NAD'83)
N. 4,172,392
E. 400,048

WELL NO. WV 513263
STATE PLANE COORDINATES
SOUTH ZONE (NAD '27)

N. 250,244
E. 1,677,837

LAT=(N) 37.68193
LONG=(W) 82.11324

UTM (NAD'83)
N. 4,171,120
E. 401,852



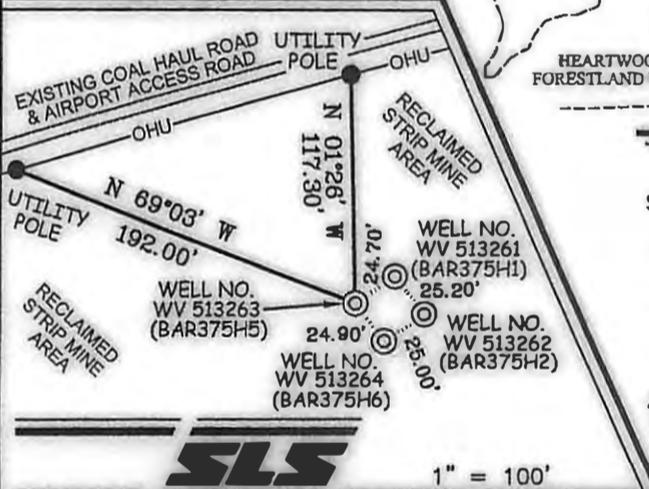
LANDING POINT
WELL NO. WV 513263
STATE PLANE COORDINATES
SOUTH ZONE (NAD '27)

N. 249,906
E. 1,676,735

LAT=(N) 37.68097
LONG=(W) 82.11703

UTM (NAD'83)
N. 4,171,017
E. 401,516

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 05/13/10.
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 NOVEMBER, 2010.
5. WELL IAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

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 DECEMBER 06, 20 10

OPERATORS WELL NO. WV 513263

API WELL NO. 47-659-02210H

STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3890P513263 (299-54)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2,000'

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION X STORAGE DEEP SHALLOW X

LOCATION: ELEVATION 1,864' WATERSHED OLDFIELD BRANCH OF PIGEON CREEK
DISTRICT MAGNOLIA COUNTY MINGO QUADRANGLE BARNABUS 7.5'

SURFACE OWNER ACREAGE 624.71±
ROYALTY OWNER ISLAND CREEK CORPORATION LEASE ACREAGE 60,000±

PROPOSED WORK: LEASE NO. 080662

DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X 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 5,280' (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

07/26/2013