

ISLAND CREEK COAL CO. LEASE 60,000 ACRES ± WELL NO. WV 513261

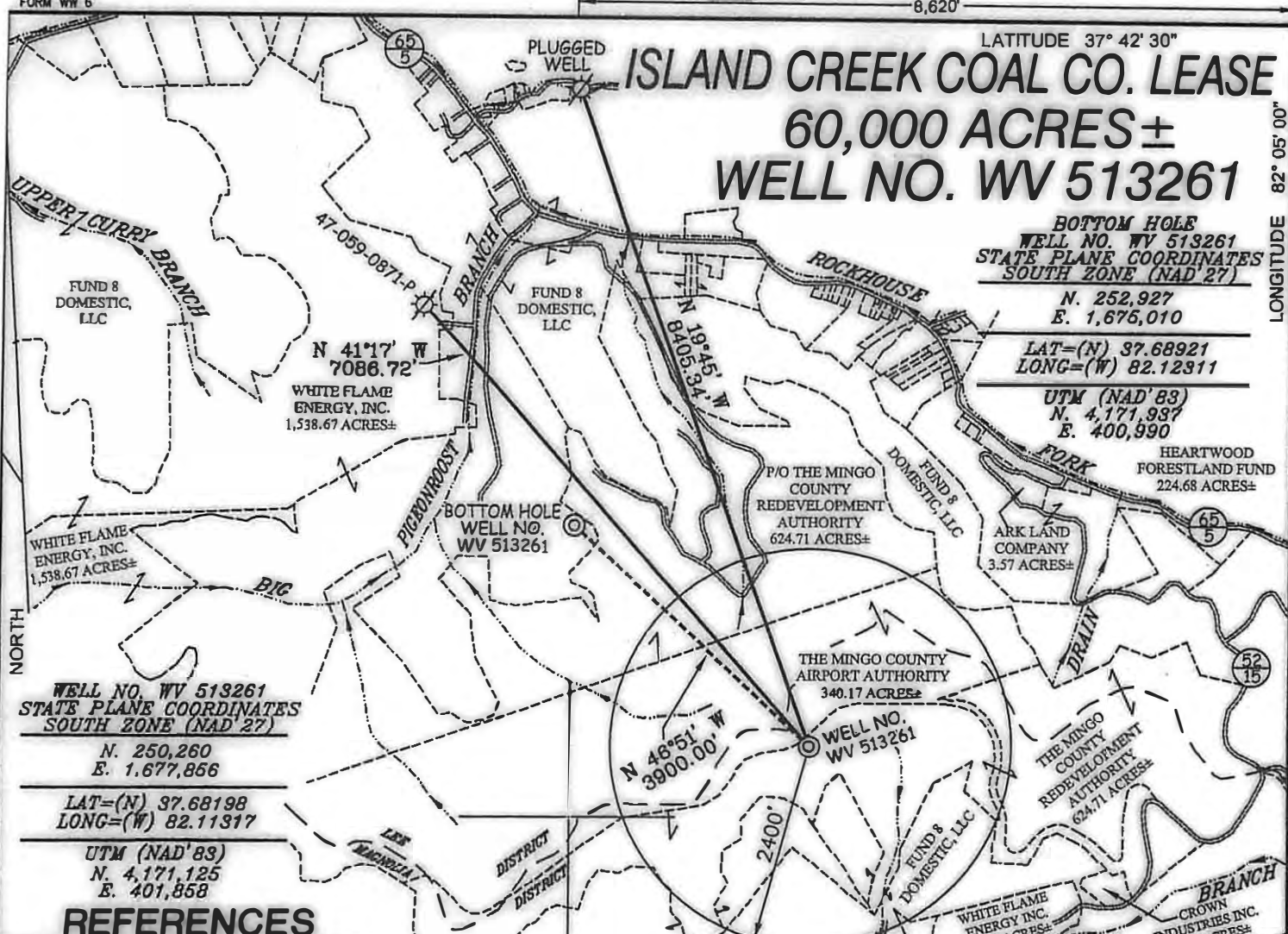
BOTTOM HOLE
WELL NO. WV 513261
STATE PLANE COORDINATES
SOUTH ZONE (NAD 27)

N. 252,927
E. 1,675,010

LAT=(N) 37.68921
LONG=(W) 82.12311

UTM (NAD'83)
N. 4,171,937
E. 400,990

HEARTWOOD
FORESTLAND FUND
224.68 ACRES ±



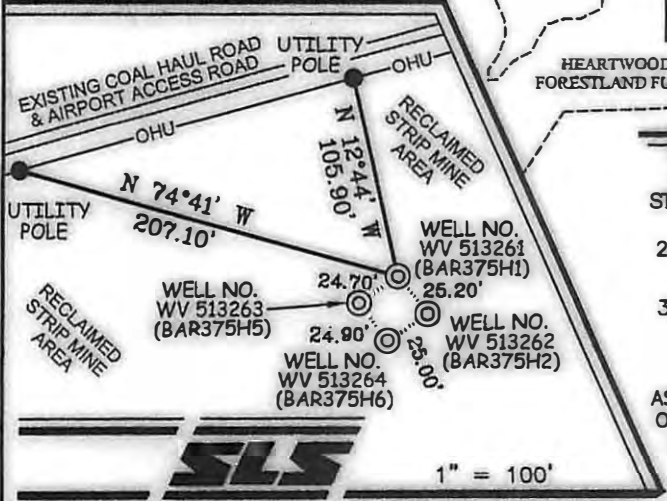
WELL NO. WV 513261
STATE PLANE COORDINATES
SOUTH ZONE (NAD 27)

N. 250,260
E. 1,677,866

LAT=(N) 37.68198
LONG=(W) 82.11317

UTM (NAD'83)
N. 4,171,125
E. 401,858

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 LAT./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.
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Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE DECEMBER 06, 20 10

OPERATORS WELL NO. WV 513261

API WELL NO. 47-059-02205H
STATE COUNTY PERMIT

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



MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3890P513261 (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: EL VATION 1,864' WATERSHED OLDFIELD BRANCH OF PIGEON CREEK

DISTRICT MAGNOLIA COUNTY MINGO QUADRANGLE BARNABUS 7.5'

SURFAC OWNER THE MINGO COUNTY REDEVELOPMENT AUTHORITY 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
ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302

DESIGNATED AGENT REX C. RAY
ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302

07/26/2013