

- A- HEARTWOOD FORESTLAND FUND (39.3 AC.±)
- B- DIMPLE M. HARTLEY (7 AC.±)
- C- SALLY M. BLANKENSHIP (6.50 AC.±)
- D- BARBARA J. HARRIS (5.83 AC.±)
- E- KAREN LESTER ET VIR (0.92 AC.±)
- F- EVERETT E. HANNAH ET UX (5.32 AC.±)
- G- DORA L. BRANHAM (1.87 AC.±)
- H- DORA L. BRANHAM (2.07 AC.±)
- I- JACK VARNEY ET UX (5 AC.±)
- J- VENITA FAYE CANTRELL (7.31 AC.±)
- K- REGINA A. SMITH ET VIR (0.58 AC.±)
- L- REGINA A. SMITH ET VIR (0.12 AC.±)
- M- MATTHEW SMITH (7 AC.±)
- N- ARTHUR WOOLUM ET UX (0.60 AC.±)
- O- KRISTYK. HENSLEY (0.20 AC.±)
- P- SHIRLEY G. WOOLUM ET VIR
- Q- GOLDA M. HENSLEY GRAY (0.964 AC.±)
- R- GLORIA EVANS (11.75 AC.±)

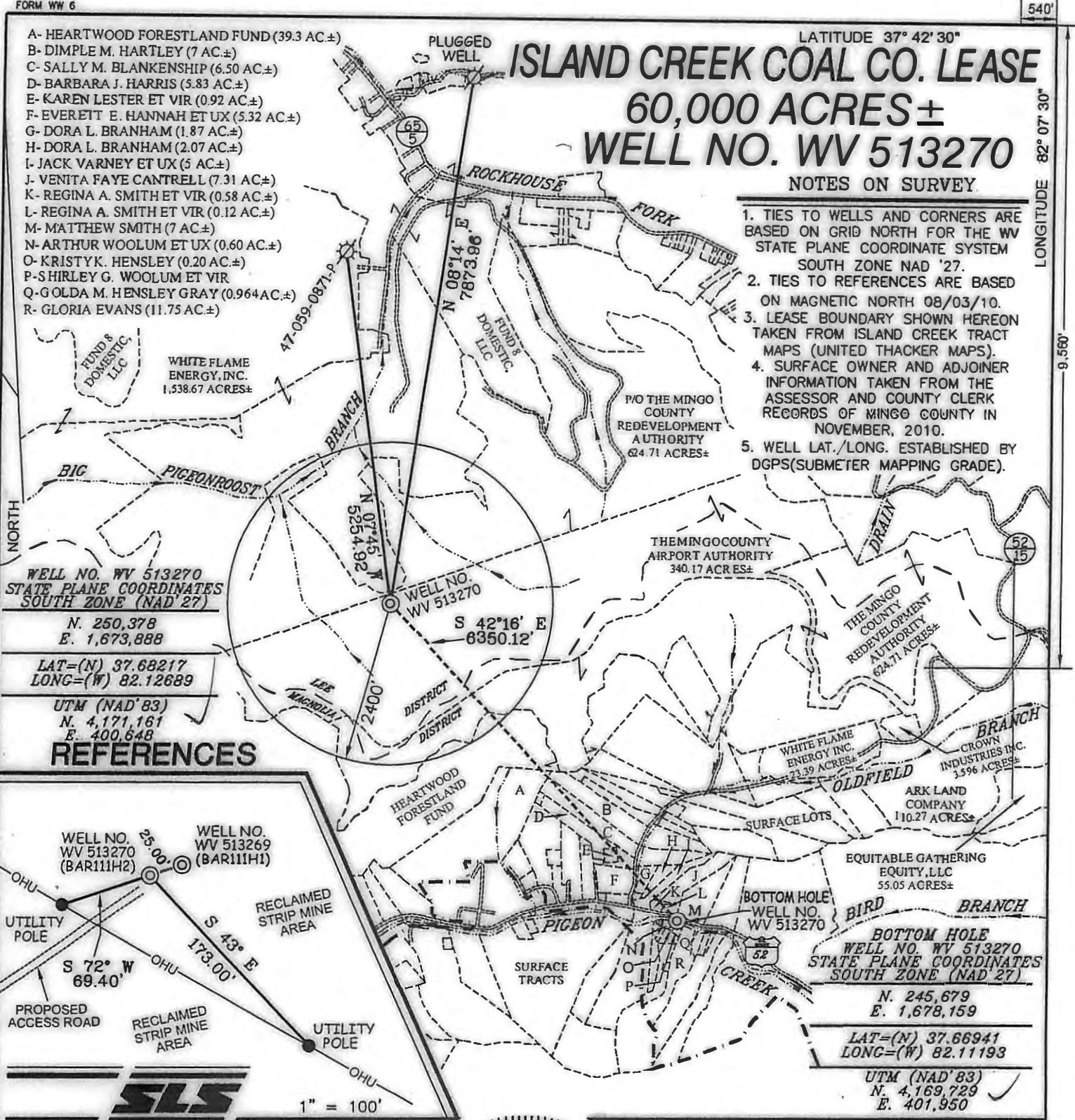
ISLAND CREEK COAL CO. LEASE

60,000 ACRES ±

WELL NO. WV 513270

NOTES ON SURVEY

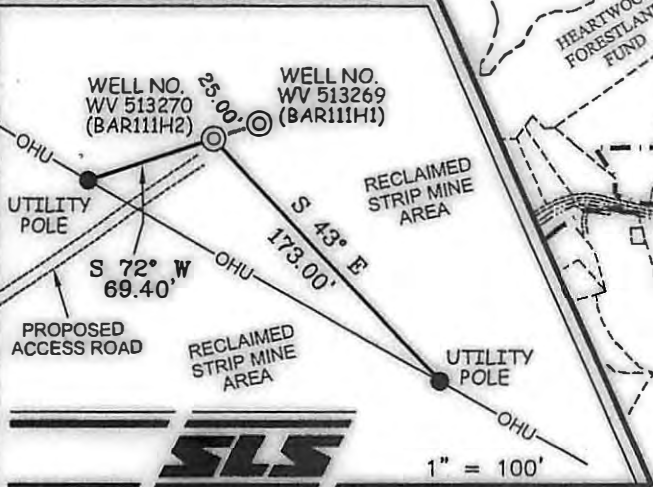
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 08/03/10.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM ISLAND CREEK TRACT MAPS (UNITED THACKER MAPS).
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN NOVEMBER, 2010.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



WELL NO. WV 513270
STATE PLANE COORDINATES
SOUTH ZONE (NAD '27)
 N. 250,378
 E. 1,673,888
 LAT=(N) 37.68217
 LONG=(W) 82.12689
 UTM (NAD'83)
 N. 4,171,161
 E. 400,648

WELL NO. WV 513270
STATE PLANE COORDINATES
SOUTH ZONE (NAD '27)
 N. 245,679
 E. 1,678,159
 LAT=(N) 37.66941
 LONG=(W) 82.11193
 UTM (NAD'83)
 N. 4,169,729
 E. 401,950

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 DECEMBER 21, 20 10
 OPERATORS WELL NO. WV513270
 API WELL NO. 47-059-022204
 STATE WV COUNTY MINGO PERMIT CANCELLED

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3890P513270 (311-38)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2,000'

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 1,772' WATERSHED BIG PIGEONROOST BRANCH OF ROCKHOUSE BRANCH OF PIGEON CREEK
 DISTRICT LEE COUNTY MINGO QUADRANGLE DELBARTON 7.5'

SURFACE OWNER THE MINGO COUNTY AIRPORT AUTHORITY ACREAGE 340.17±
 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 5,190' (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

LONGITUDE 82° 07' 30"