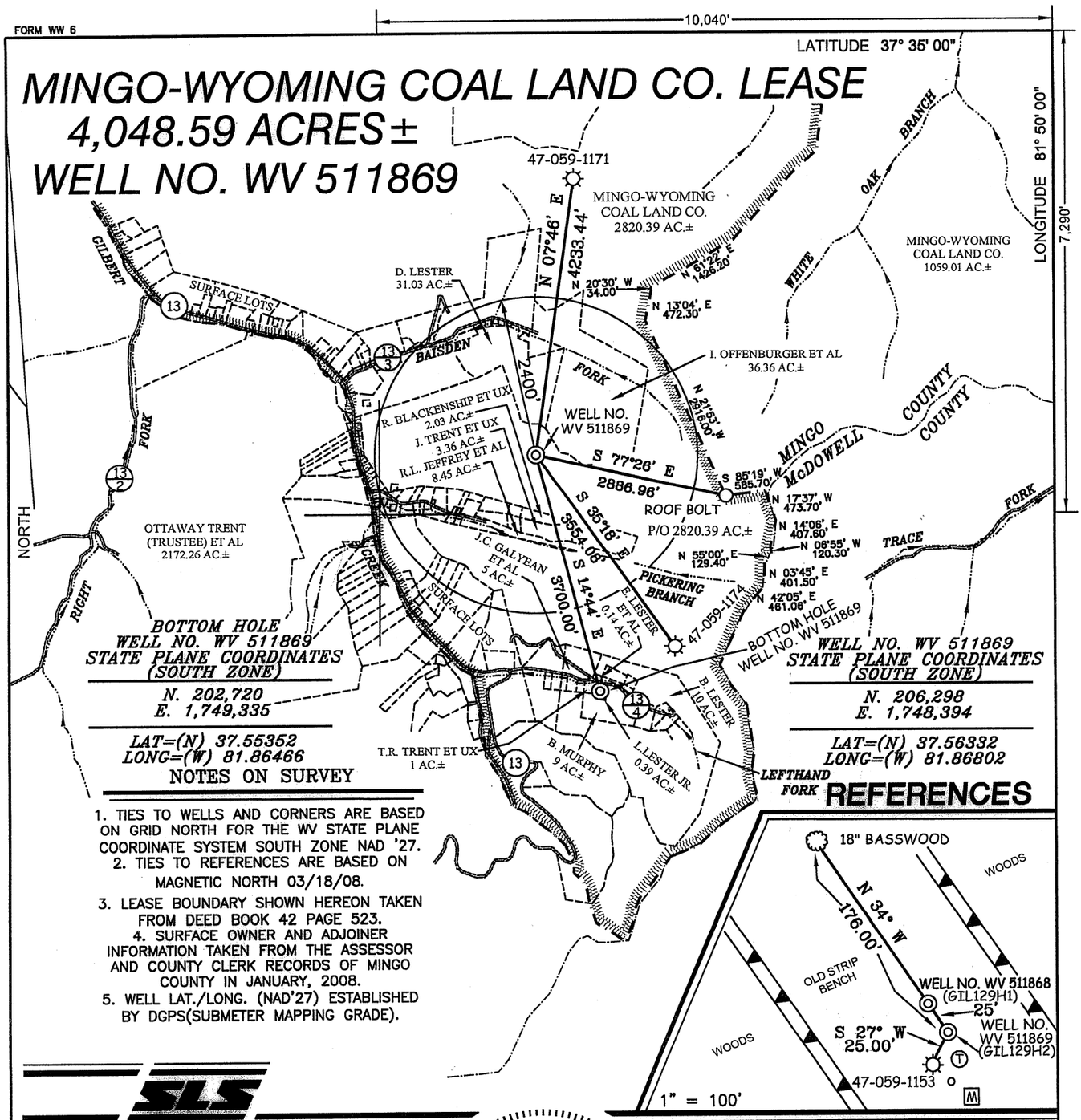
FORM WW 6

MINGO-WYOMING COAL LAND CO. LEASE
4,048.59 ACRES±
WELL NO. WV 511869



BOTTOM HOLE
WELL NO. WV 511869
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 202,720
E. 1,749,335

LAT=(N) 37.55352
LONG=(W) 81.86466

WELL NO. WV 511869
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 206,298
E. 1,748,394

LAT=(N) 37.56332
LONG=(W) 81.86802

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 03/18/08.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 42 PAGE 523.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN JANUARY, 2008.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

REFERENCES

SLS

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

GREGORY A. SMITH LICENSED No. 677 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

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

DATE MAY 12 , 20 08

OPERATORS WELL NO. WV 511869

API WELL NO. 47 — 059 — 01943H
STATE COUNTY PERMIT

CANCELLED

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 4229P511869 (258-02)
SCALE 1" = 2000'
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)

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

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

LOCATION:
ELEVATION 1,843' WATERSHED PICKERING BRANCH OF GILBERT CREEK
DISTRICT STAFFORD COUNTY MINGO QUADRANGLE GILBERT 7.5'
SURFACE OWNER MINGO-WYOMING COAL LAND CO. ACREAGE 2820.39±
ROYALTY OWNER MINGO-WYOMING COAL LAND CO. LEASE ACREAGE 2820.39± OF 4048.59±
PROPOSED WORK: LEASE NO. 080599
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 ~~8760'~~ 5620 TVD (TOTAL VERTICAL DEPTH) 9074 MD

COUNTY NAME

PERMIT

WELL OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302 CHARLESTON, WV 25302

01/20/2012