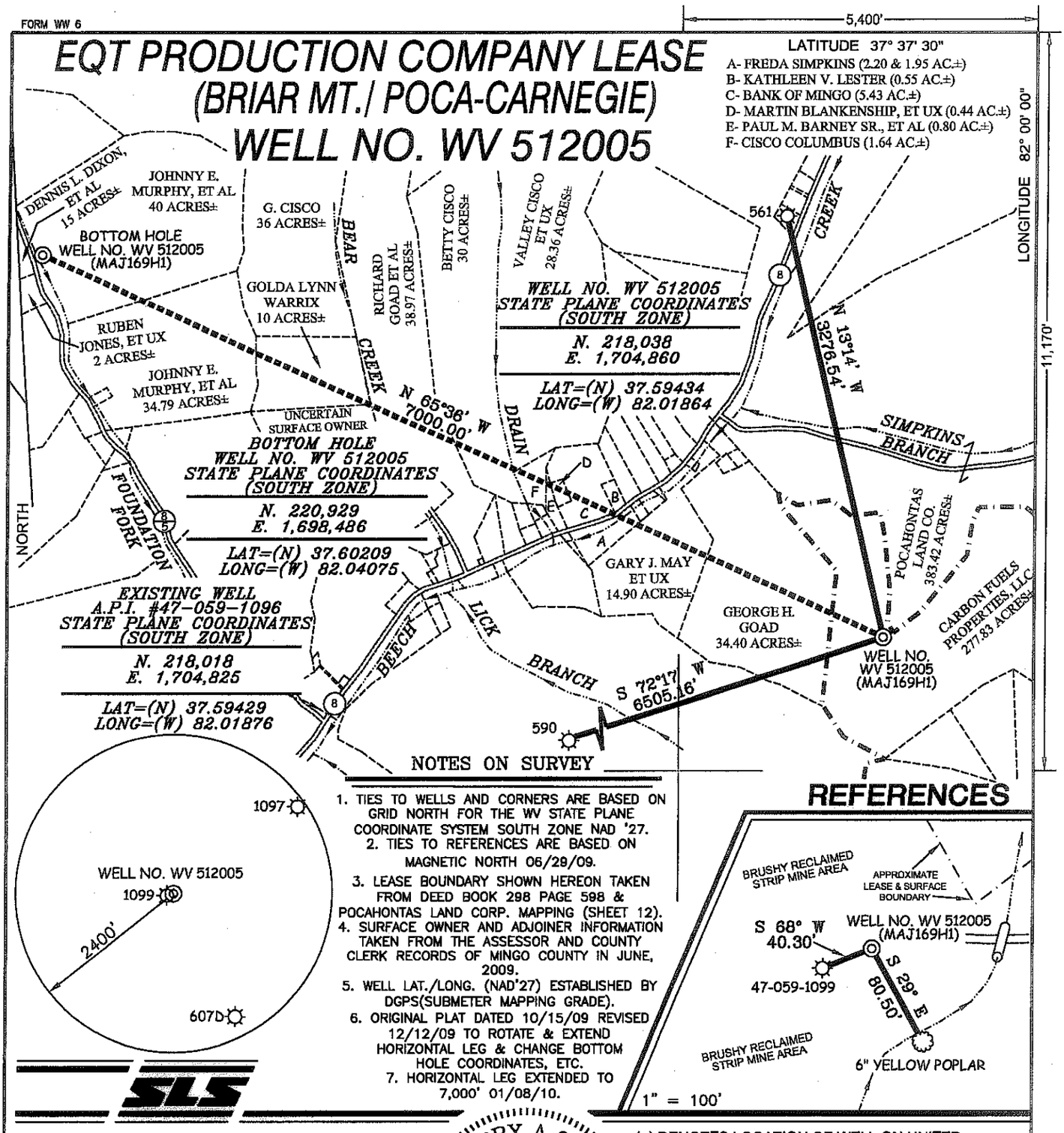
FORM WW 6

EQT PRODUCTION COMPANY LEASE
(BRIAR MT./ POCA-CARNEGIE)
WELL NO. WV 512005



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 06/29/09.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 298 PAGE 598 & POCAHONTAS LAND CORP. MAPPING (SHEET 12).
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN JUNE, 2009.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. ORIGINAL PLAT DATED 10/15/09 REVISED 12/12/09 TO ROTATE & EXTEND HORIZONTAL LEG & CHANGE BOTTOM HOLE COORDINATES, ETC.
7. HORIZONTAL LEG EXTENDED TO 7,000' 01/08/10.

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 JANUARY 08 , 20 10

OPERATORS WELL NO. WV 512005

API WELL NO. 47 — 59 — 02141 H
STATE COUNTY PERMIT

CANCELLED

MINIMUM DEGREE OF ACCURACY 1 / 2500

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)

FILE NO. 7254P512005R2 (283-10)

SCALE 1" = 1000'

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 1,520' WATERSHED SIMPKINS BRANCH OF BEECH CREEK

DISTRICT MAGNOLIA COUNTY MINGO QUADRANGLE MAJESTIC 7.5'

SURFACE OWNER CARBON FUELS PROPERTIES, LLC ACREAGE 277.83±

ROYALTY OWNER LARRY ADDINGTON, ET AL (1,044.58 AC.±) & PENN VIRGINIA OIL & GAS (38,753.36 AC.±)

PROPOSED WORK : LEASE NO. 070726/717459

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 5,180' (TOTAL VERTICAL DEPTH)

COUNTY NAME

PERMIT

WELL OPERATOR EQT PRODUCTION COMPANY

ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302

DESIGNATED AGENT REX C. RAY

ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302

04/06/2012

12/18/08