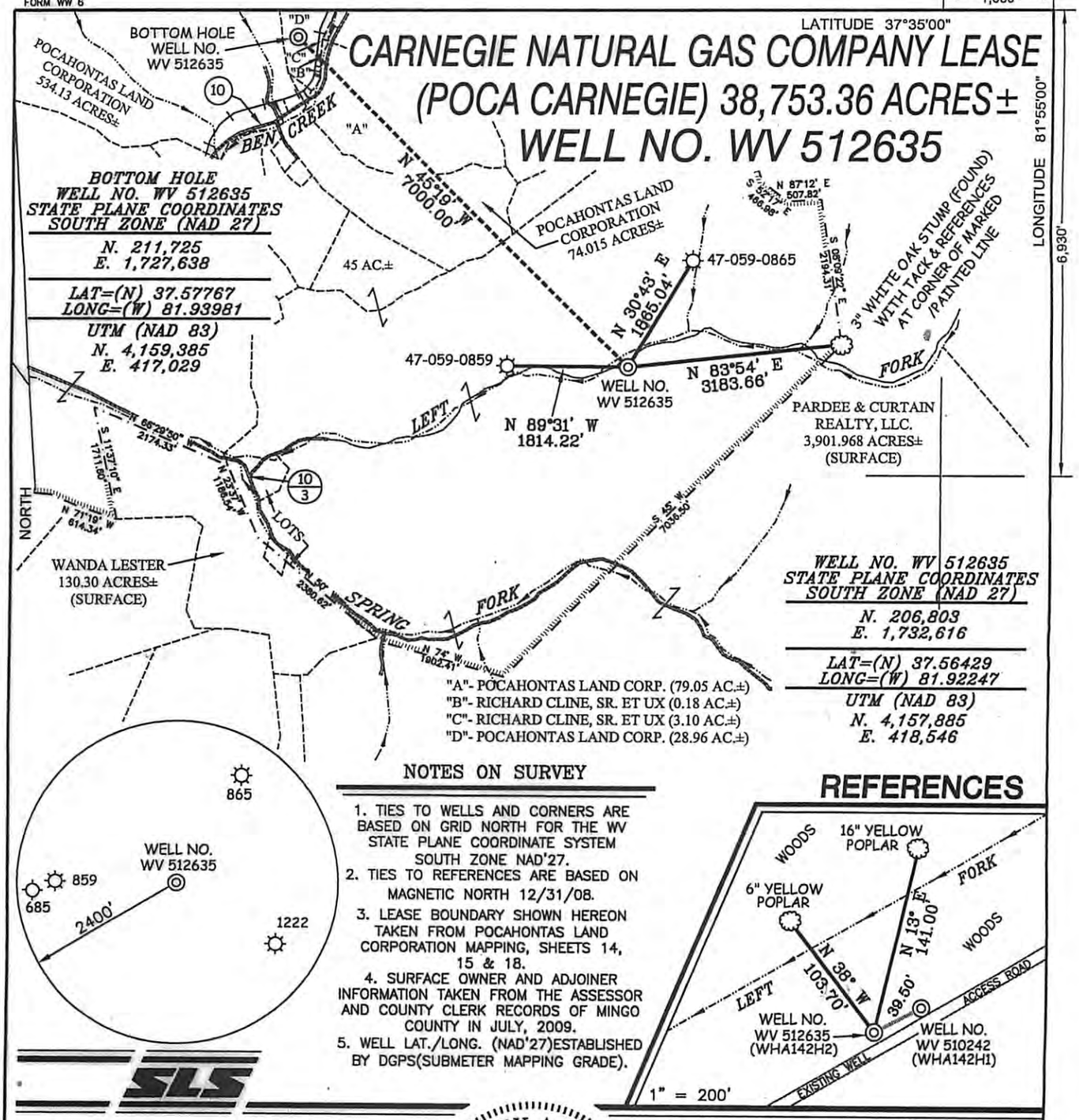
FORM WW 6

CARNEGIE NATURAL GAS COMPANY LEASE
(POCA CARNEGIE) 38,753.36 ACRES±
WELL NO. WV 512635



BOTTOM HOLE WELL NO. WV 512635 STATE PLANE COORDINATES SOUTH ZONE (NAD 27)

N. 211,725
E. 1,727,638

LAT=(N) 37.57767
LONG=(W) 81.93981

UTM (NAD 83)
N. 4,159,385
E. 417,029

WELL NO. WV 512635 STATE PLANE COORDINATES SOUTH ZONE (NAD 27)

N. 206,803
E. 1,732,616

LAT=(N) 37.56429
LONG=(W) 81.92247

UTM (NAD 83)
N. 4,157,885
E. 418,546

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 12/31/08.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM POCAHONTAS LAND CORPORATION MAPPING, SHEETS 14, 15 & 18.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN JULY, 2009.
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 26 , 20 10

OPERATORS WELL NO. WV 512635

API WELL NO. 47 — 059 — 02196H
STATE COUNTY PERMIT

CANCELLED

MINIMUM DEGREE OF ACCURACY 1 / 2500

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)

FILE NO. 4672P512635 (289-35)

SCALE 1" = 2000'

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 1,139' WATERSHED LEFT FORK OF SPRING FORK OF BEN CREEK

DISTRICT STAFFORD COUNTY MINGO QUADRANGLE WHARNCLIFFE 7.5'

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 1,019.15±

ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION LEASE ACREAGE 38,753.36±

PROPOSED WORK : LEASE NO. 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 / SILTSTONE

ESTIMATED DEPTH 4,660' (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

03/29/2013