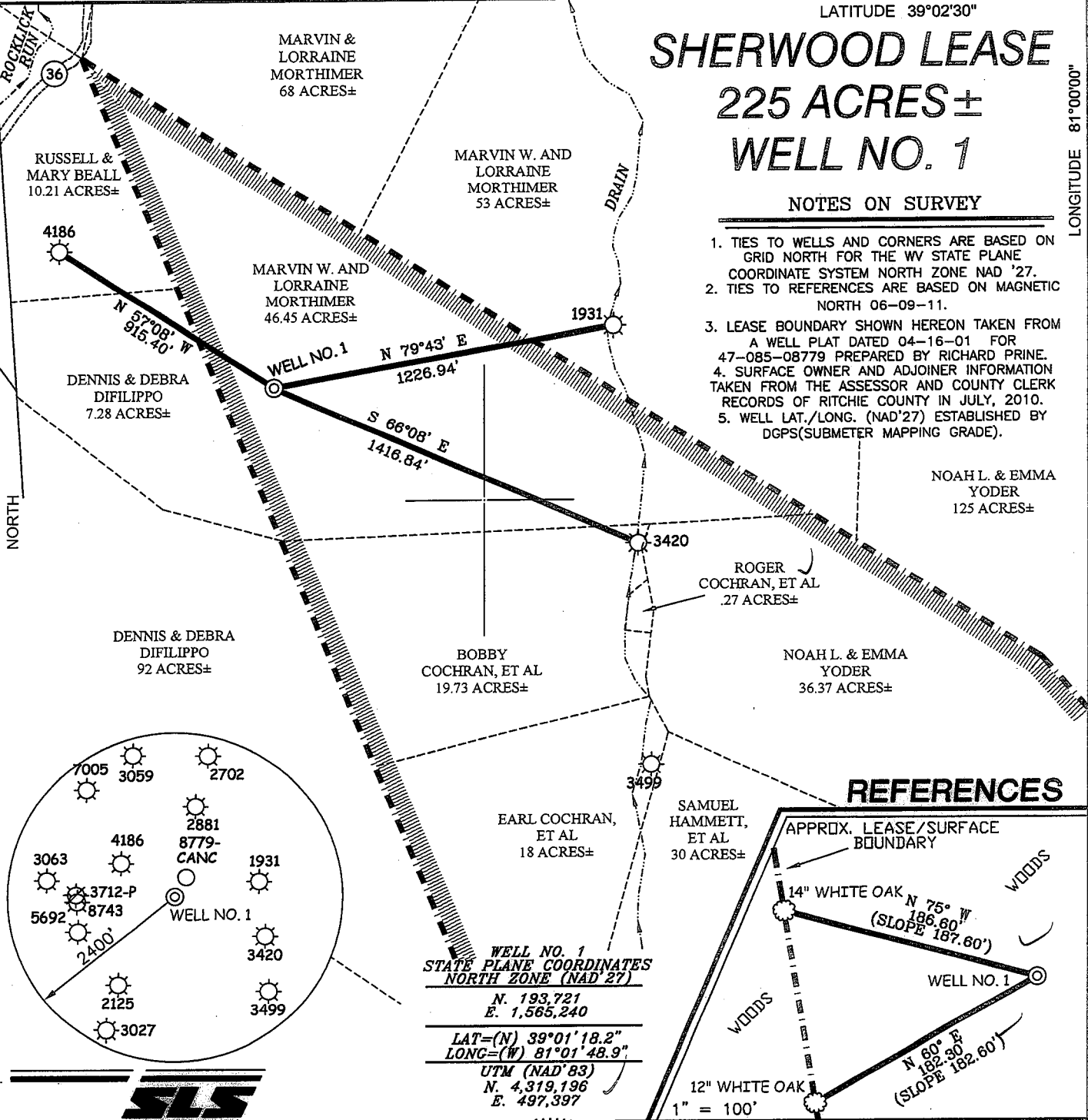


SHERWOOD LEASE 225 ACRES± WELL NO. 1

LONGITUDE 81°00'00"

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 06-09-11.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A WELL PLAT DATED 04-16-01 FOR 47-085-08779 PREPARED BY RICHARD PRINE.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2010.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

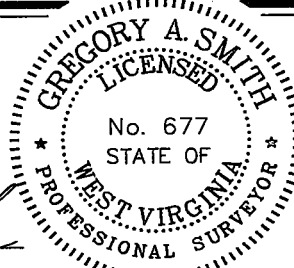


WELL NO. 1
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)
N. 193,721
E. 1,565,240
LAT=(N) 39°01'18.2"
LONG=(W) 81°01'48.9"
UTM (NAD'83)
N. 4,319,196
E. 497,397



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 JULY 14, 20 11
OPERATORS WELL NO. SHERWOOD #1
API WELL NO. 47-085-09939
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7666P1(365-31)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 500'

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

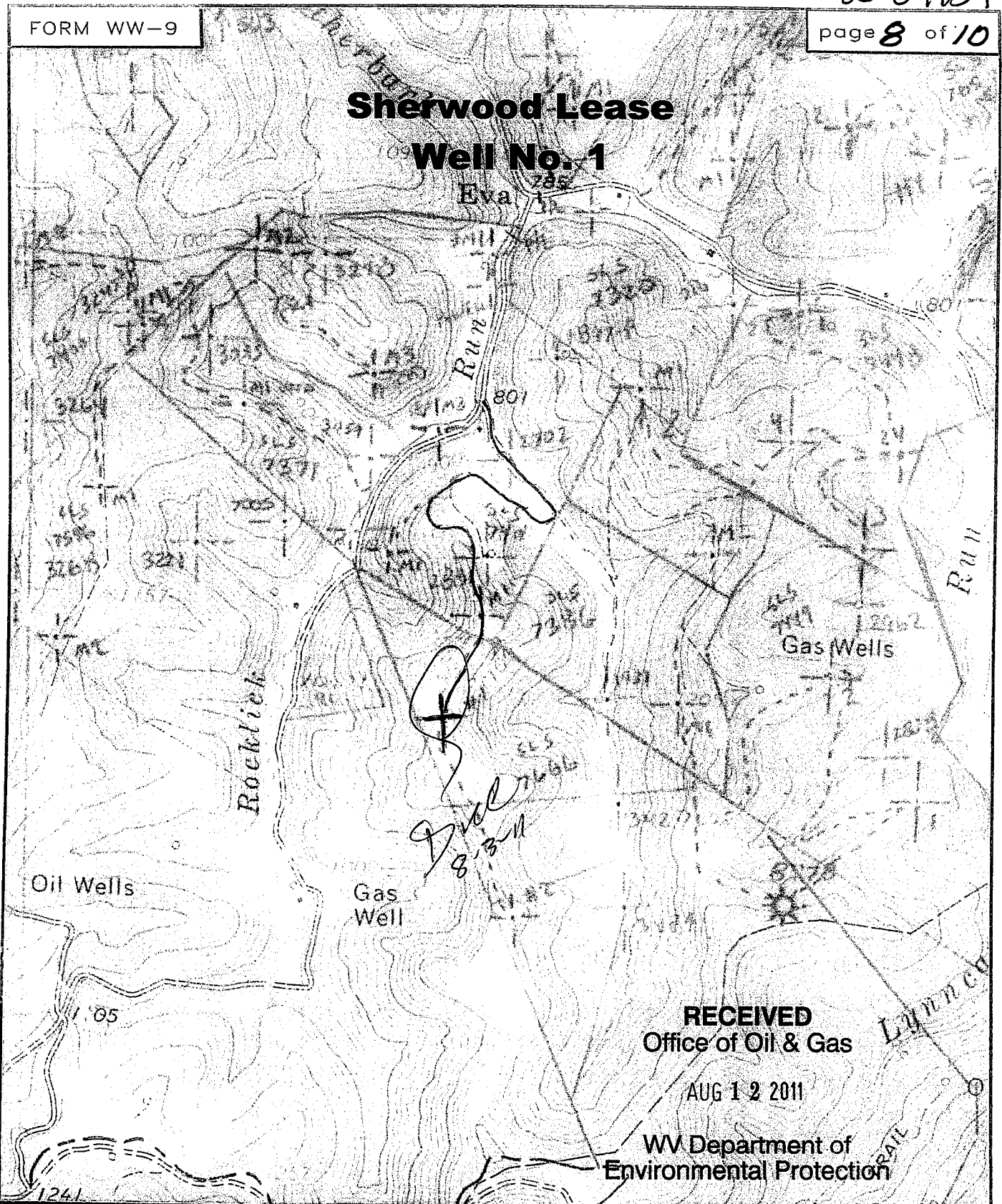
LOCATION: ELEVATION 1,239' WATERSHED ROCKLICK RUN
DISTRICT MURPHY COUNTY RITCHIE QUADRANGLE SMITHVILLE 7.5'
SURFACE OWNER MARVIN W. AND LORRAINE MORTHIMER ACREAGE 46.45±
ROYALTY OWNER APPALACHIAN ROYALTIES INC. LEASE ACREAGE 225±
PROPOSED WORK: LEASE NO. _____
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION 6,290'
ESTIMATED DEPTH RHINESTREET

WELL OPERATOR MURVIN & MEIER OIL COMPANY DESIGNATED AGENT P. NATHAN BOWLES, JR.
ADDRESS P.O. BOX 396 ADDRESS P.O. BOX 1237
OLNEY, IL 62450 CHARLESTON, WV 25325

COUNTY NAME

PERMIT

Sherwood Lease Well No. 1



RECEIVED
Office of Oil & Gas
AUG 12 2011

WV Department of
Environmental Protection



SMITH LAND SURVEYING
P.O. BOX 150 GLENVILLE, WV. 26351

TOPO SECTION OF *Smithville 7.5'* *303*

FILE NO. *7666* DATE *7.14.11* SCALE *1"=1000'*