

CARNEGIE NATURAL GAS CO. LEASE (POCA-CARNEGIE) 38,753.36 ACRES±

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 05/21/09.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM B.C.&L. BOOK 28 ON PAGE 259 IN THE COUNTY CLERK RECORDS OF MINGO COUNTY.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN MAY, 2008.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

BOTTOM HOLE
WELL NO. WV 511996
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 198,214
E. 1,702,673
LAT=(N) 37.53984
LONG=(W) 82.02543

BOTTOM HOLE
WELL NO.
WV 511996

WELL NO. WV 511996
STATE PLANE COORDINATES
(SOUTH ZONE)
N. 199,899
E. 1,705,970

LAT=(N) 37.54455
LONG=(W) 82.01413

POCAHONTAS LAND CORPORATION
1486.37 ACRES±

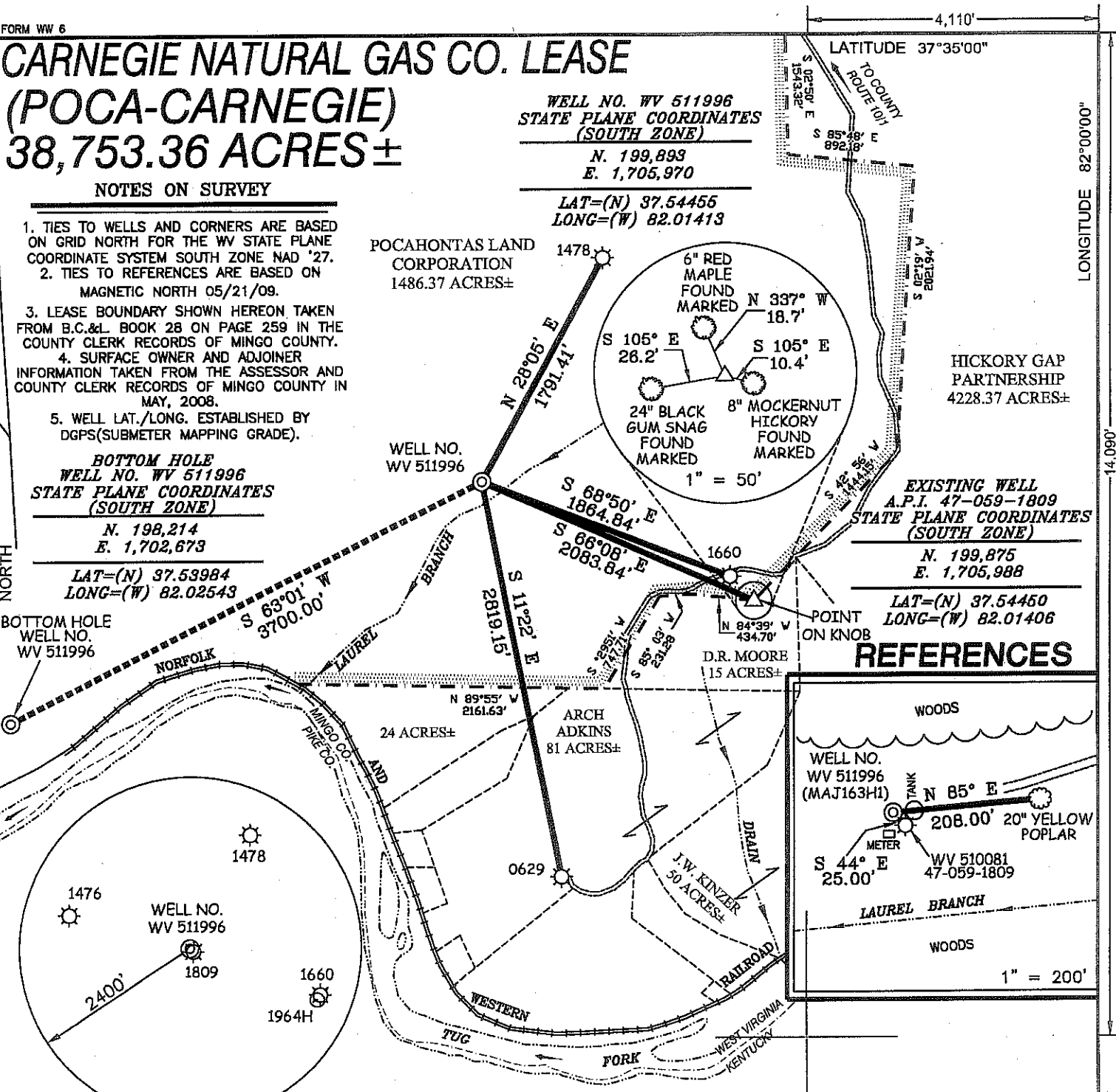
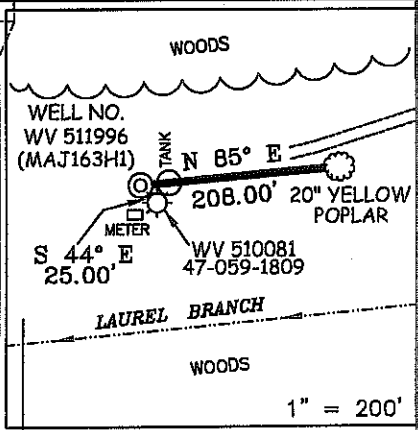
HICKORY GAP PARTNERSHIP
4228.37 ACRES±

EXISTING WELL
A.P.I. 47-059-1809
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 199,875
E. 1,705,988

LAT=(N) 37.54450
LONG=(W) 82.01406

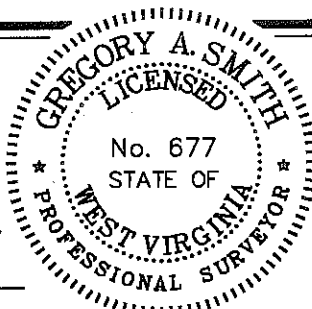
REFERENCES



WELL NO. WV 511996



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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE SEPTEMBER 04, 20 09
OPERATORS WELL NO. WV 511996
API WELL NO. 47-059-02127H
STATE WV COUNTY MINGO PERMIT 717459

P.S. 677 *Gregory A. Smith*
MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 4672P511996 (258-57)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 1000'

CANCELLED
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 1,056' WATERSHED LAUREL BRANCH OF TUG FORK
DISTRICT STAFFORD COUNTY MINGO QUADRANGLE MAJESTIC 7.5'

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 1,486.37±
ROYALTY OWNER PENN VIRGINIA OIL & GAS LEASE ACREAGE 38,753.36±
PROPOSED WORK: LEASE NO. 717459
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 4,800' (TOTAL VERTICAL DEPTH)

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 1710 PENNSYLVANIA AVENUE CHARLESTON, WV 25302 ADDRESS 1710 PENNSYLVANIA AVENUE CHARLESTON, WV 25302 **02/10/2012**

LATITUDE 37°35'00" LONGITUDE 82°00'00"