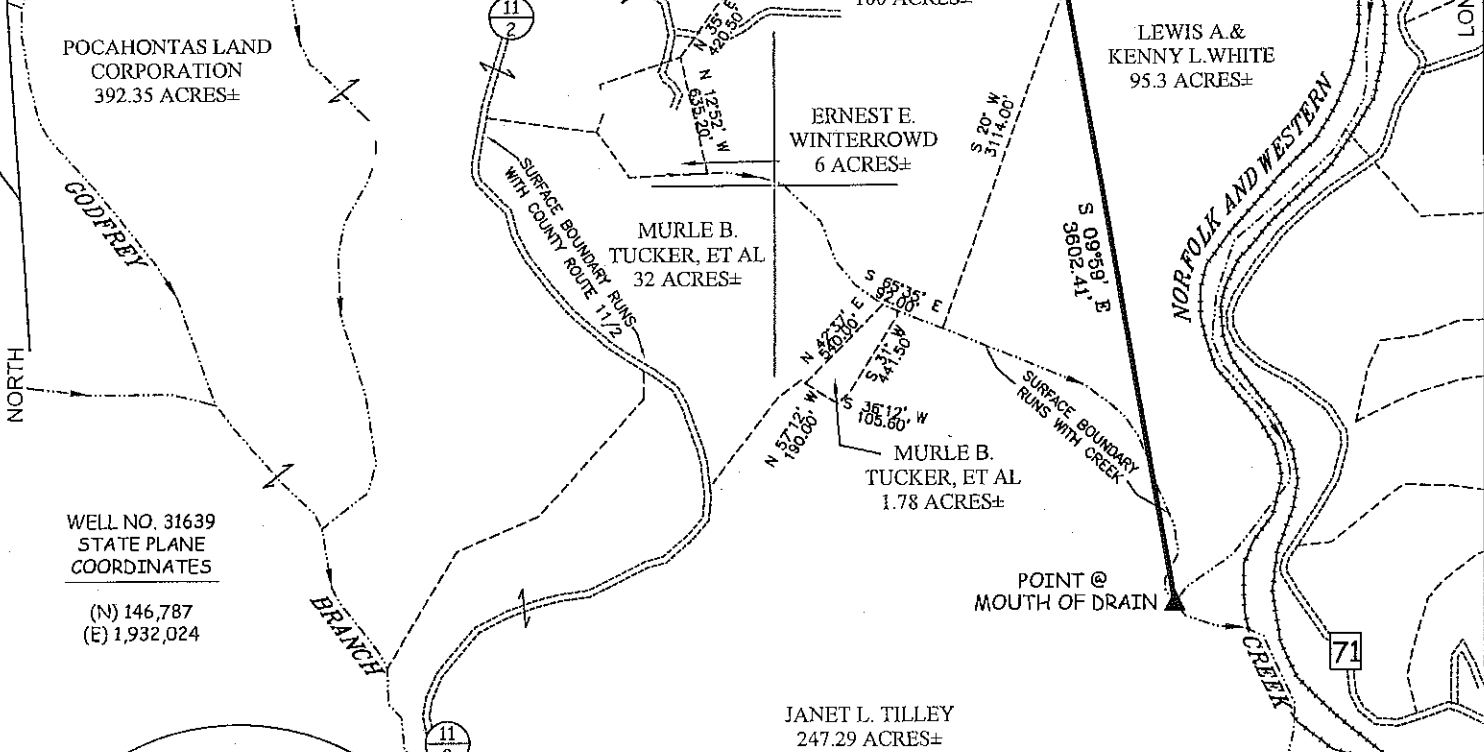
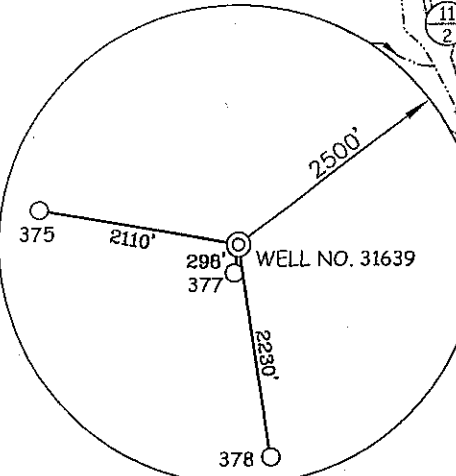


PENN VIRGINIA OIL & GAS CO. LEASE 103,420 ACRES± WELL NO. 31639



WELL NO. 31639
STATE PLANE
COORDINATES

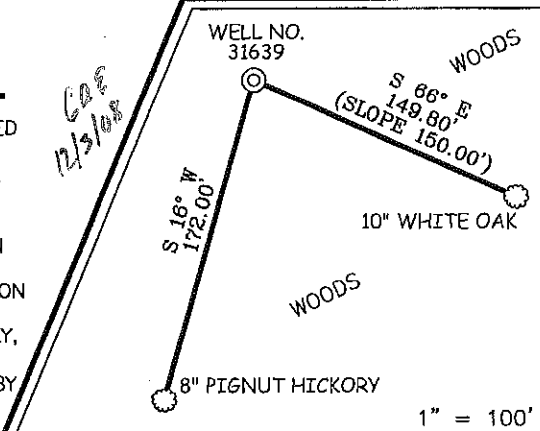
(N) 146,787
(E) 1,932,024



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 11/14/DB.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 660 PAGE 398
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MERCER COUNTY IN JULY, 2007.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

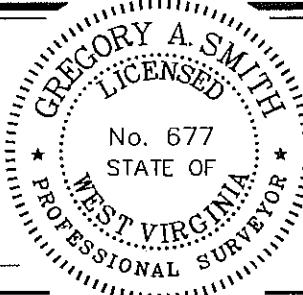
REFERENCES



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 NOVEMBER 19, 20 08

OPERATORS WELL NO. 31639 REV

API WELL NO. 47-055-00394


STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 6792P31639M (250-59 & 268-63)

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 2,698' WATERSHED TRIBUTARY OF WIDEMOUTH CREEK

DISTRICT ROCK COUNTY MERCER QUADRANGLE MATOAKA 7.5'

SURFACE OWNER LEWIS A. & KENNEY L. WHITE ACREAGE 100±

ROYALTY OWNER PENN VIRGINIA OIL & GAS CO. LEASE ACREAGE 103,420±

PROPOSED WORK: LEASE NO. 79917

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 HUDON ESTIMATED DEPTH 7010'

WELL OPERATOR DOMINION EXPLORATION & PRODUCTION, INC. DESIGNATED AGENT RODNEY J. BIGGS - VICE PRES. OPERATIONS

ADDRESS P.O. BOX 1248 ADDRESS P.O. BOX 1248 **02/10/2012**

JANE LEW, WV 26378 JANE LEW, WV 26378

COUNTY NAME PERMIT