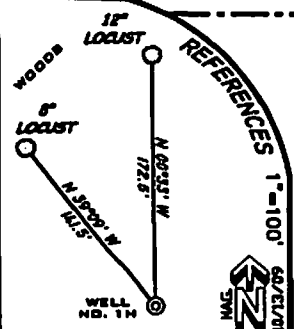


SURFACE HOLE
 X0 1,670,300
 Y1 447,900
 HAD 27
 DEC. LAT.) 38.72408
 DEC. LONG.) 80.67213
 HAD 83
 DEC. LAT.) 38.72418
 DEC. LONG.) 80.67198

TARGET POINT
 X0 1,669,324
 Y1 447,149
 HAD 27
 DEC. LAT.) 38.72174
 DEC. LONG.) 80.67061
 HAD 83
 DEC. LAT.) 38.72182
 DEC. LONG.) 80.67043
BOTTOM HOLE
 X0 1,669,301
 Y1 447,900
 HAD 27
 DEC. LAT.) 38.72188
 DEC. LONG.) 80.68008
 HAD 83
 DEC. LAT.) 38.72197
 DEC. LONG.) 80.68080

REFERENCE NOTES
 LEASE AS SHOWN TAKEN FROM DESCRIPTION RECORDED IN DEED BOOK 502 PAGE 827 AND OTHERS.
 OWNERSHIP TAKEN FROM PUBLIC RECORDS OF MARSHALL COUNTY, WV ON SEPTEMBER, 2000.
 HAD 27 LAT./LONG. BY DIFFERENTIAL SURMETER MAPPING GRADE GPS.
 DRAFTED BY J.M.S.

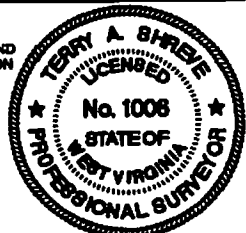
LEGEND
 - - - - - LEASED AREAS
 - - - - - SURFACE TRACTS



FILE NUMBER **W080165 (WB14-63)**
 DRAWING NUMBER **W080165_1H.dwg**
 SCALE **1" = 1000'**
 MINIMUM DEGREE OF ACCURACY **1/200**
 PROVEN SOURCE OF ELEVATION **SURMETER MAPPING GRADE GPS**

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION

P.S. 1008 *J. A. Shreve*



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

DATE: **OCTOBER 15, 2009**
831723 WARYCK LEASE
 OPERATORS WELL NO. **WELL NO. 1H**
 API WELL NO. **47-051-01336H**
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION ELEVATION **1323'** WATERSHED **LYNN CAMP RUN**
 DISTRICT **MEADE** COUNTY **MARSHALL**
 QUADRANGLE **WILEYVILLE 7.5'** LEASE NUMBER

SURFACE OWNER **ARTHUR WARYCK** ACREAGE **125.39**
 OIL & GAS ROYALTY OWNER **MARY HOLMES** LEASE ACREAGE **125.39 OF 528.43**
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) _____
 TARGET FORMATION **MARCELLUS** ESTIMATED DEPTH **7091' + Horizontal Leg**
 WELL OPERATOR **CHESAPEAKE APPALACHIA, L.L.C.** DESIGNATED AGENT **JAMES E. GREY**
 ADDRESS **P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0498** ADDRESS **P.O. BOX 8070 CHARLESTON, WV 25362**

CANCELLED

COUNTY NAME
 PERMIT