

NOTES ON SURVEY

TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.

TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 03-14-08.

LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 697 AT PAGE 588 AND INFORMATION PROVIDED BY WACO OIL AND GAS CO., INC.

SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MARION COUNTY IN NOVEMBER, 2007 AND INFORMATION PROVIDED BY WACO OIL AND GAS CO., INC.

WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

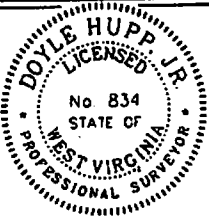
**SHUMAN 1884
STATE PLANE
COORDINATES**
(N) 396109
(E) 1795327

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. *Doyle Hupp Jr.*
B34

DOYLE HUPP JR.
No 834
STATE OF WEST VIRGINIA
PROFESSIONAL SURVEYOR

HUPP Surveying & Mapping
P.O. Box 647 Grantsville, WV 26147
(304) 354-7035 (E)WV: hupp@frontiernet.net



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE MARCH 19 20 08

OPERATORS WELL NO. SHUMAN 1884

API WELL NO 47-049-01945

STATE COUNTY PERMIT

CANCELLED

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1477 (BK 35-7) SCALE 1" = 500'

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE)

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 1,194' WATERSHED LAUREL RUN

DISTRICT PAW PAW COUNTY MARION QUADRANGLE GRANT TOWN 7.5'

SURFACE OWNER DONALD & GLENDORA HEADLEY ACREAGE 114.25±

ROYALTY OWNER WACO OIL & GAS CO., INC. LEASE ACREAGE 114.25±

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 MARCELLUS

ESTIMATED DEPTH 7,500'

WELL OPERATOR WACO OIL & GAS CO., INC DESIGNATED AGENT STEPHEN E. HOLLOWAY

ADDRESS P.O. BOX 397 GLENVILLE, WV 26351 ADDRESS P.O. BOX 397 GLENVILLE, WV 26351

LONGITUDE 80°12'30" W
LAT. 39°55'07.0" N