

**PDC MOUNTAINEER, LLC**  
**WELL NO. COALTRAIN 5HM**

**NOTES:**  
 -PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE. NAD 27. WELL LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.

-THERE APPEARS TO BE NO WATER WELLS LOCATED WITHIN 1000' OF WELL 5HM.

WANDA PAULINE RIDENOUR  
 TM 20 PAR 1  
 DB 211 PG 481  
 199.83 AC ±

KEVEN GUY EVANTO  
 TM 8 PAR 6  
 DB 290 PG 137  
 64 AC ±

KEVEN GUY EVANTO  
 TM 8 PAR 28  
 DB 290 PG 137  
 42.88 AC ±

RICHARD A. WILLIAMS  
 TM 3 PAR 2  
 DB 300 PG 511  
 29.15 AC ±

JAMES A. KINSEY OR  
 BEVERLY A. KINSEY  
 TM 13 PAR 1  
 DB 224 PG 90  
 229.69 AC ±

LARRY A. TOWNER  
 TM 20 PAR 2.3  
 DB 208 PG 615  
 45 AC ±

DAVID W. WARNER  
 TM 20 PAR 2.2  
 DB 204 PG 120  
 18.11 AC ±

EMILY LOCK RUN

PATRIOT MINING  
 COMPANY  
 TM 8 PAR 8  
 DB 233 PG 133  
 143.04 AC ±

PATRIOT MINING COMPANY  
 TM 8 PAR 9  
 DB 233 PG 133  
 35 AC ±

PATRIOT MINING COMPANY  
 TM 8 PAR 10  
 DB 233 PG 133  
 212.44 AC ±

PATRIOT MINING COMPANY  
 TM 8 PAR 3  
 DB 233 PG 133  
 224 AC ±

PATRIOT MINING COMPANY  
 TM 8 PAR 10.2  
 10 AC ±

COALQUEST DEVELOPMENT  
 TM 13 PAR 4  
 DB 284 PG 500  
 47.29 AC ±

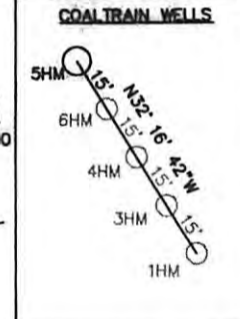
40° SUGAR MAPLE

8" SASSAFRAS  
 N39°36'12"W  
 54.22'



**WELL NO. 5HM**  
**TOP HOLE**  
**STATE PLANE COORDINATES**  
 (NAD 27 NORTH ZONE)  
 N: 289252.340  
 E: 1826767.080  
 LAT: 39° 17' 33.16"  
 LON: 80° 06' 43.21"  
**STATE PLANE COORDINATES**  
 (NAD 83 NORTH ZONE)  
 N: 289291.204  
 E: 1798347.219  
 LAT: 39° 17' 33.51"  
 LON: 80° 06' 42.51"

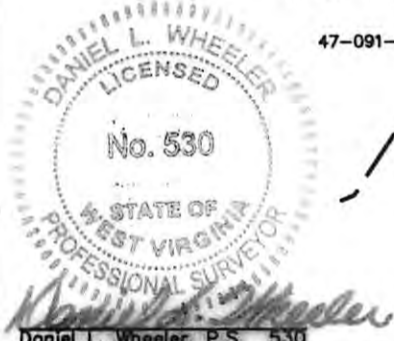
**WELL NO. 5HM**  
**BOTTOM HOLE**  
**STATE PLANE COORDINATES**  
 (NAD 27 NORTH ZONE)  
 N: 294894.240  
 E: 1828051.391  
 LAT: 39° 18' 25.86"  
 LON: 80° 06' 08.78"  
**STATE PLANE COORDINATES**  
 (NAD 83 NORTH ZONE)  
 N: 294832.989  
 E: 1798811.818  
 LAT: 39° 18' 26.19"  
 LON: 80° 07' 05.05"



NORTH

TH BH

DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP



Daniel L. Wheeler, P.S. 530  
 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.

FILE NO. 050-4300  
 SCALE: 1"=1000'  
 MINIMUM DEGREE OF ACCURACY: 1 in 2500  
 PROVEN SOURCE OF ELEVATION: OPUS SURVEY GRADE GPS

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

DATE SEPTEMBER 17, 2010  
 OPERATOR'S WELL NO. COALTRAIN NO. 5HM  
 API WELL NO. \_\_\_\_\_  
47-091-01204H  
 STATE CANCELLLED COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  (IF "GAS"), PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION: 1243' WATER SHED: CHICKEN RUN OF SIMPSON CREEK  
 DISTRICT: COURTHOUSE COUNTY: TAYLOR  
 QUADRANGLE: GRAFTON 7.5 ACREAGE: 224 AC ±  
 SURFACE OWNER: PATRIOT MINING COMPANY, INC. LEASE ACREAGE: 703.61 AC ±  
 OIL & GAS ROYALTY OWNER: GLEN C. LAREW ET AL LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PERFORATE NEW FORMATION  PLUG OFF OLD FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 7,650' TVD / 13,000' MD

WELL OPERATOR: PDC MOUNTAINEER, LLC DESIGNATED AGENT: GARY W. FRIDLEY  
 ADDRESS: 120 GENESIS BOULEVARD ADDRESS: 120 GENESIS BOULEVARD  
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

