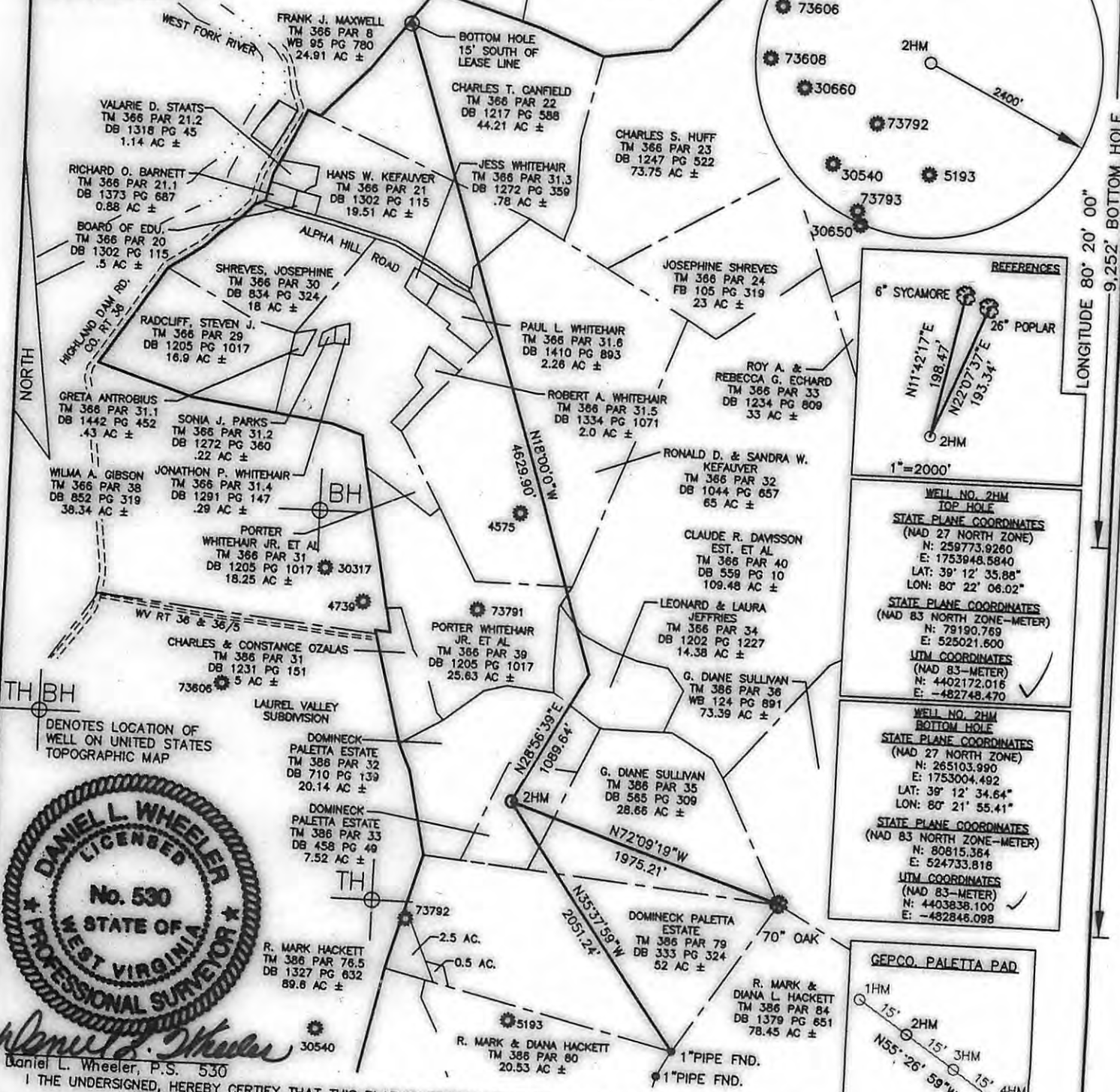


**PDC MOUNTAINEER, LLC.  
GEPCO, PALETTA PAD WELL NO. 2HM**

**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 2HM.



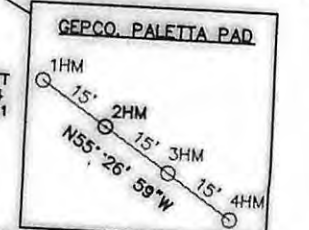
**REFERENCES**  
 6" SYCAMORE  
 26" POPLAR  
 N11°42'17"E 198.47'  
 N22°07'37"E 193.34'  
 2HM  
 1"=2000'

**WELL NO. 2HM TOP HOLE**  
**STATE PLANE COORDINATES**  
 (NAD 27 NORTH ZONE)  
 N: 259773.9260  
 E: 1753948.5840  
 LAT: 39° 12' 35.88"  
 LON: 80° 22' 06.02"

**STATE PLANE COORDINATES**  
 (NAD 83 NORTH ZONE-METER)  
 N: 79190.769  
 E: 525021.600  
**UTM COORDINATES**  
 (NAD 83-METER)  
 N: 4402172.016  
 E: -482748.470

**WELL NO. 2HM BOTTOM HOLE**  
**STATE PLANE COORDINATES**  
 (NAD 27 NORTH ZONE)  
 N: 265103.990  
 E: 1753004.492  
 LAT: 39° 12' 34.64"  
 LON: 80° 21' 55.41"

**STATE PLANE COORDINATES**  
 (NAD 83 NORTH ZONE-METER)  
 N: 80815.384  
 E: 524733.818  
**UTM COORDINATES**  
 (NAD 83-METER)  
 N: 4403838.100  
 E: -482846.098



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. 050-4290  
 SCALE: 1"=1000'  
 MINIMUM DEGREE OF ACCURACY: 1 in 2500  
 PROVEN SOURCE OF ELEVATION: OPUS, SURVEY GRADE GPS



DATE MARCH 23, 2011  
 OPERATOR'S WELL NO. GEPCO, PALETTA PAD  
 API WELL NO. NO. 2HM  
 47 - 033 - 05527H  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  (IF "GAS"), PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: 1162' WATER SHED: WEST FORK RIVER  
 DISTRICT: UNION COUNTY: HARRISON  
 QUADRANGLE: MOUNT CLARE 7.5' ACREAGE: 7.52 AC ±  
 SURFACE OWNER: DOMINECK PALETTA, ESTATE LEASE ACREAGE: 7.52 AC. OF  
 OIL & GAS ROYALTY OWNER: TONY PALETTA, ET. AL. LEASE NO. 305.87 AC ±



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: 7,050' TVD / 12,550' 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

07/19/2013