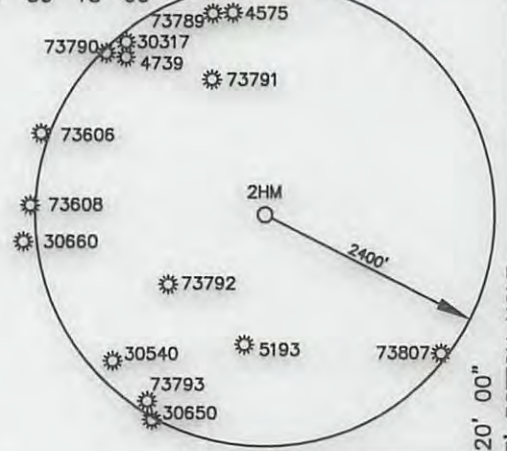


PDC MOUNTAINEER, LLC.
GEPSCO, PALETTA PAD WELL NO. 2HM

NOTES:
-PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 83. WELL LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.

-THERE APPEARS TO BE NO WATER WELLS LOCATED WITHIN 1000' OF WELL 2HM.

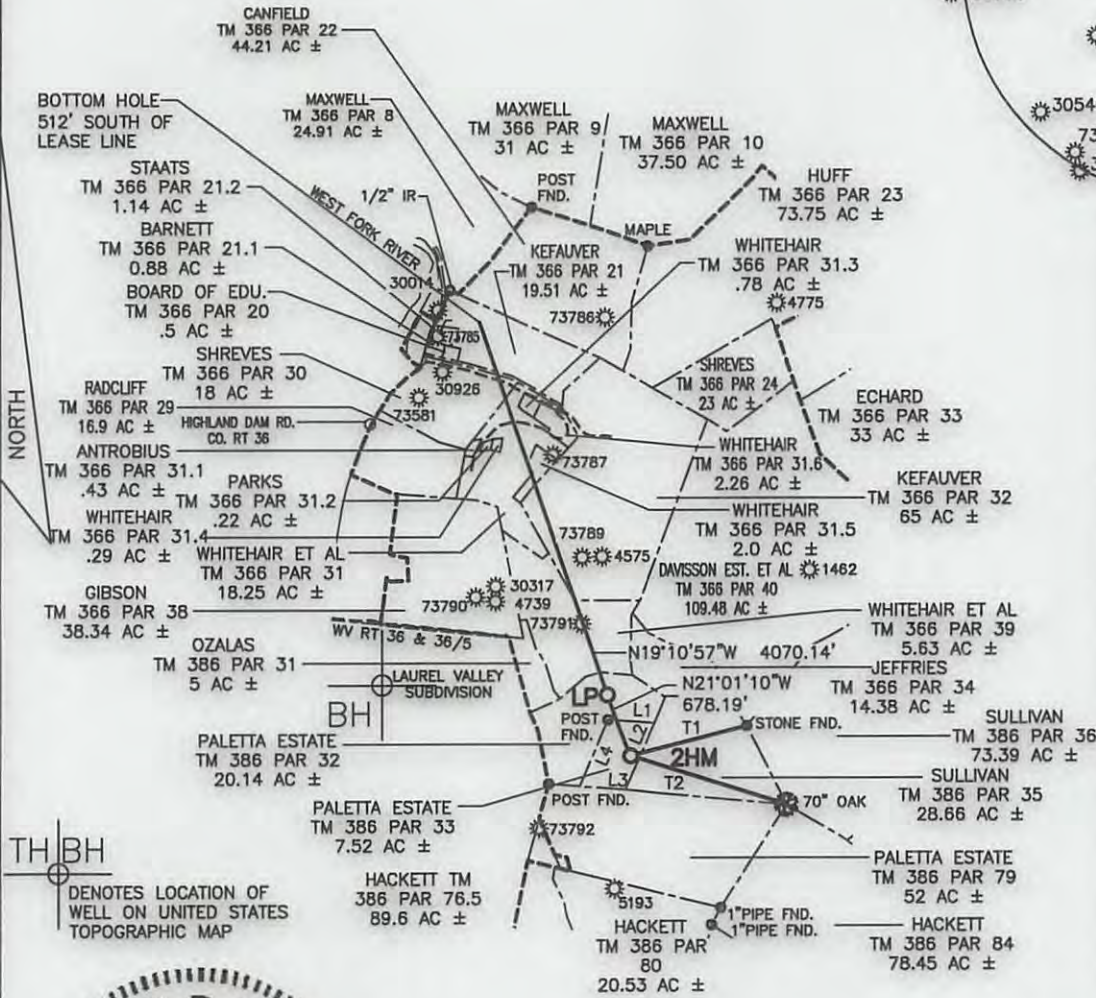


USER: kpoth

LAYOUT: 2HM (2)

PLOT DATE/TIME: 4/18/2013 - 7:44am

CAD FILE: R:\030-2292 PDC - Paletta Well Pad\Survey\030-2292 PALETTA PLATS_4-17-13.dwg



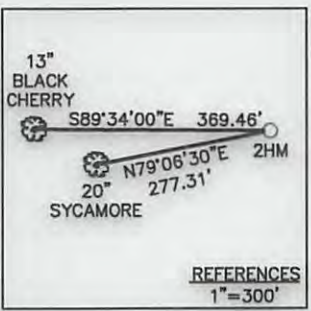
WELL NO. 2HM TOP HOLE STATE PLANE COORDINATES (NAD 83 NORTH ZONE) N:259713.496 E:1722761.426 LAT:39°12'35.27" N LONG:80°22'02.12" UTM COORDINATES (NAD 83-METER) N:4340248.987 E:554628.466

WELL NO. 2HM LAUNCH POINT STATE PLANE COORDINATES (NAD 83 NORTH ZONE) N:260346.557 E:1722518.168 LAT:39°12'41.50" N LONG:80°22'05.29" UTM COORDINATES (NAD 83-METER) N:4340440.621 E:554551.147

WELL NO. 2HM BOTTOM HOLE STATE PLANE COORDINATES (NAD 83 NORTH ZONE) N:264190.709 E:1721180.818 LAT:39°13'19.37" N LONG:80°22'22.75" UTM COORDINATES (NAD 83-METER) N:4341604.994 E:554124.227



Table with columns: LINE, BEARING, DISTANCE. Contains lines L1 through T2 with their respective bearings and distances.



Michael R. Hyman, P.S. 983 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.

Form with fields for FILE NO. 030-2292, SCALE: 1"=2000', MINIMUM DEGREE OF ACCURACY: 1 in 2500, PROVEN SOURCE OF ELEVATION: OPUS, SURVEY GRADE GPS, DATE APRIL 18, 2013, OPERATOR'S WELL NO. GEPSCO, PALETTA PAD NO. 2HM, API WELL NO. 47-033-05767 H6A, STATE COUNTY PERMIT.

Form with fields for WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS"), PRODUCTION STORAGE DEEP SHALLOW, LOCATION: ELEVATION: 1161.40 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: 200.26 AC±, OIL & GAS ROYALTY OWNER: DOMINECK PALETTA ESTATE C/O TONY PALETTA, G. DIANE SULLIVAN, COAL ROYALTY OWNER: MIKE ROSS, INC. & W.J. SUTTON 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: 7,280' TVD / 11,746' MD

Form with fields for WELL OPERATOR: PDC MOUNTAINEER, LLC. DESIGNATED AGENT: JAMIE HAGA, ADDRESS: 120 GENESIS BOULEVARD BRIDGEPORT, WV 26330



