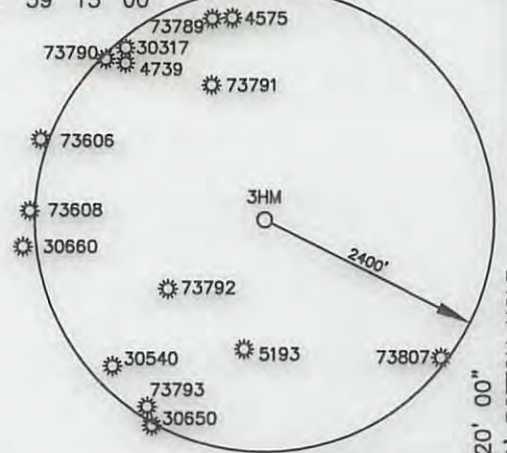


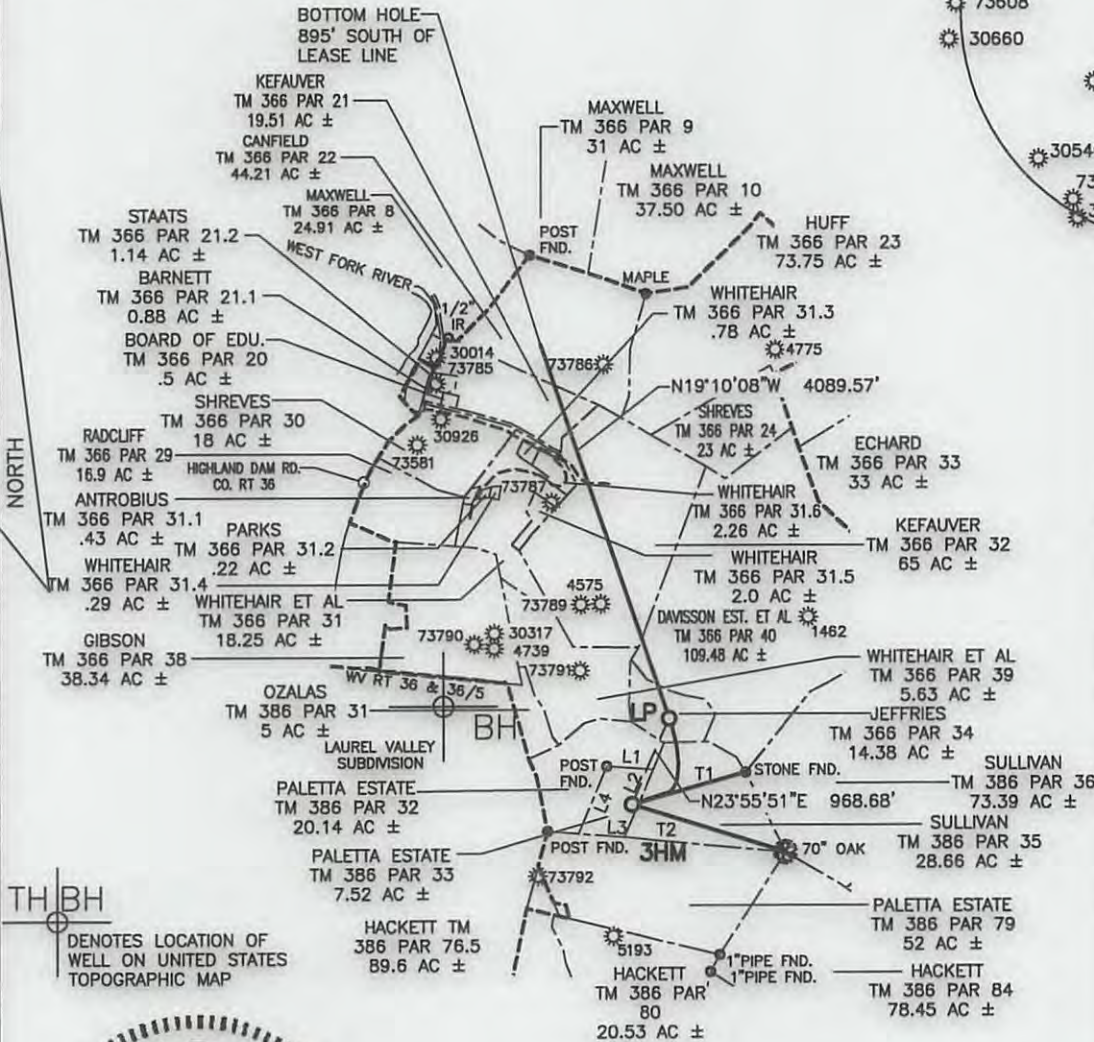
**PDC MOUNTAINEER, LLC.
GEPCO, PALETTA PAD WELL NO. 3HM**

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 3HM.

9,584' TOP HOLE
10,579' BOTTOM HOLE
LATITUDE 39° 15' 00"



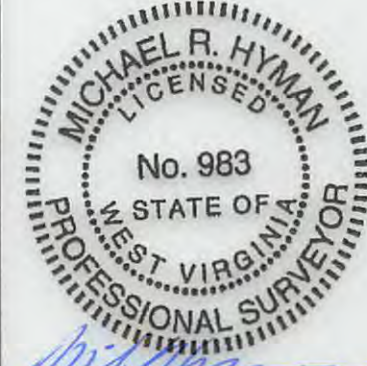
USER: kpoth
LAYOUT: 3HM (2)
PLOT DATE/TIME: 4/18/2013 - 7:44am



**WELL NO. 3HM
TOP HOLE**
STATE PLANE COORDINATES (NAD 83 NORTH ZONE)
N:259896.801
E:1722786.216
LAT:39°12'35.10"
LON:80°22'01.80"
UTM COORDINATES (NAD 83-METER)
N:4340243.966
E:554636.104

**WELL NO. 3HM
LAUNCH POINT**
STATE PLANE COORDINATES (NAD 83 NORTH ZONE)
N:260582.010
E:1723179.148
LAT:39°12'43.89"
LON:80°21'56.92"
UTM COORDINATES (NAD 83-METER)
N:4340515.704
E:554751.327

**WELL NO. 3HM
BOTTOM HOLE**
STATE PLANE COORDINATES (NAD 83 NORTH ZONE)
N:264444.838
E:1721836.327
LAT:39°13'21.94"
LON:80°22'14.46"
UTM COORDINATES (NAD 83-METER)
N:4341685.739
E:554322.645



LINE	BEARING	DISTANCE
L1	S86°10'43"E	487.67'
L2	S23°37'40"W	756.81'
L3	N85°48'29"W	478.81'
L4	N23°04'17"E	750.93'
T1	S74°31'41"W	1229.79'
T2	N72°59'30"W	1675.63'



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.

FILE NO. 030-2292
SCALE: 1"=2000'
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 APRIL 18, 2013
OPERATOR'S WELL NO. GEPCO, PALETTA PAD NO. 3HM
API WELL NO. 47 - 033 - 05768 H6A
STATE 47 COUNTY 033 PERMIT 05768 H6A

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: 288.76 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 / 11,924' MD

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



09/20/2013

Received
Office of Oil & Gas

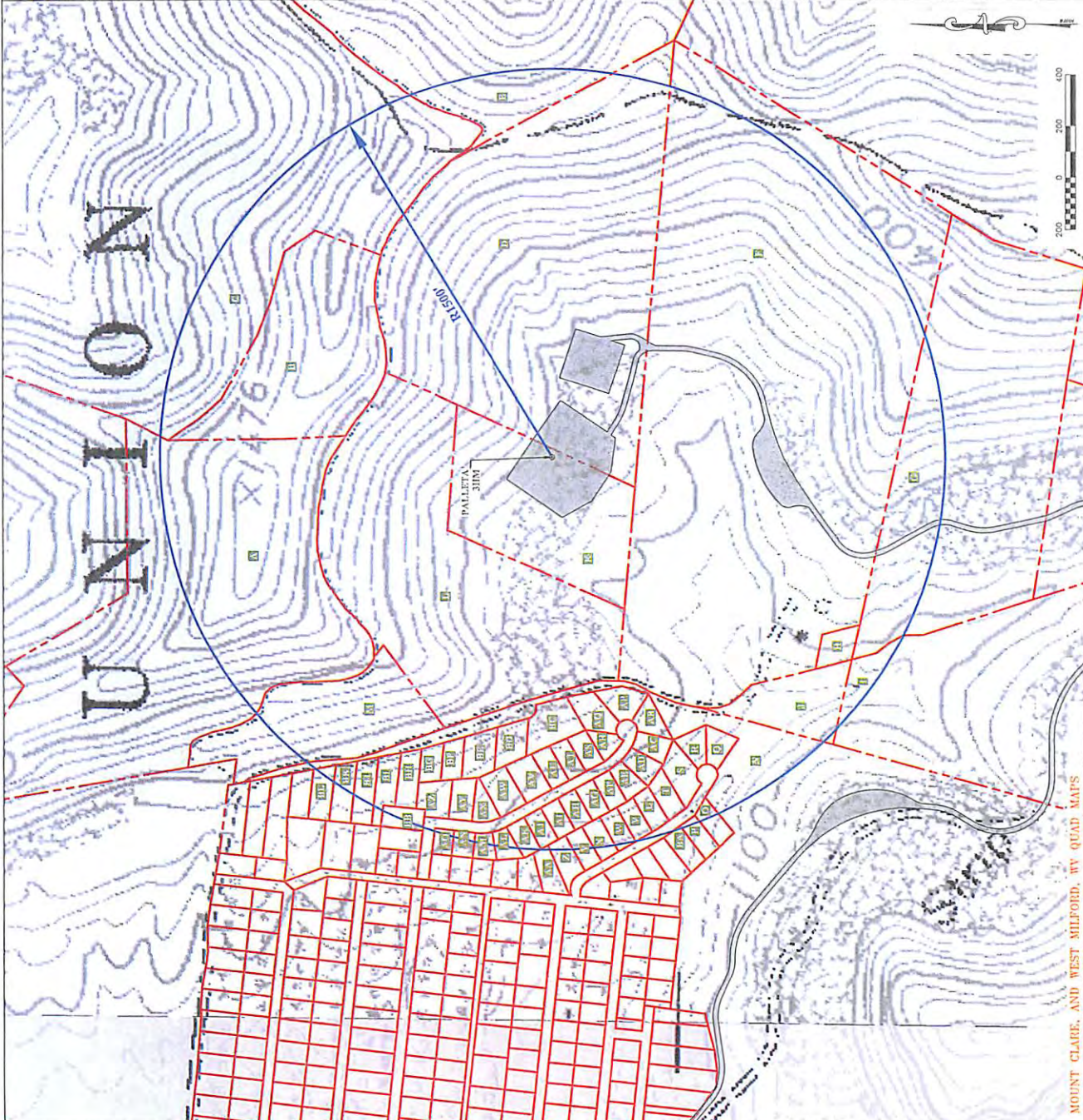
JUN 5 2013



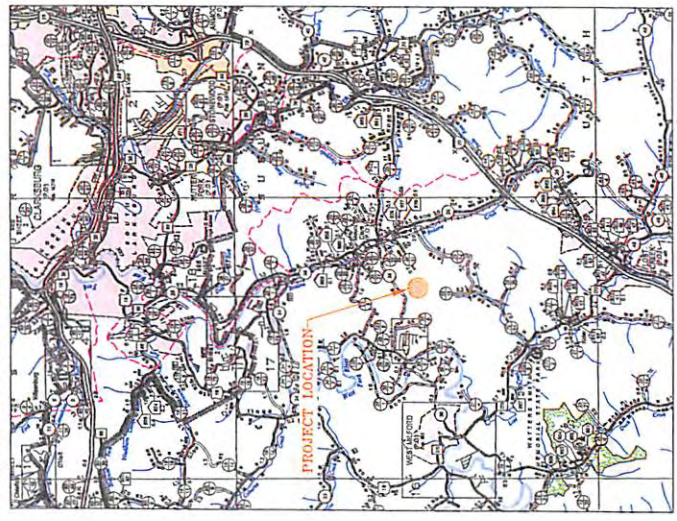
PCO MOUNTAINEER, LLC
CONSTRUCTION PLANS FOR THE
WATER WELL LOCATIONS
HARRISON COUNTY, WEST VIRGINIA
PALETA 3M (1500 FT RADIUS)

THRASHER
SURVEYING & ENGINEERING, INC.
30 COLUMBIA BOULEVARD - CLARKSBURG, WV 25301
PHONE (304) 624-4100 FAX (304) 624-1931
PROJECT NO. 1-01-030-2292

SCALE:	DATE:
DRAWN:	DATE:
CHECKED:	DATE:
APPROVED:	DATE:
NO. BY DATE	DESCRIPTION



MOUNT CLARE, AND WEST MILFORD, WV QUAD MAPS



HARRISON COUNTY, WV HIGHWAY MAP



HIGHWAY MAP SCALE

- LEGEND
- EXISTING DWELLING
 - EXISTING PROPERTY LINE (FROM TAX MAPS)
 - EXISTING WATER WELLS
 - EXISTING PONDS
 - PROPERTY ID
 - PROPOSED WELL PAD

33-05768