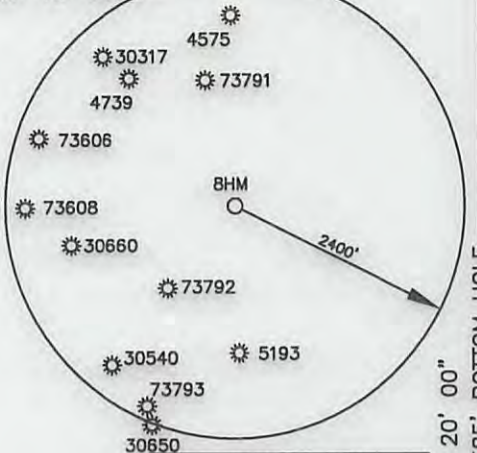


PDC MOUNTAINEER, LLC.
GECO, PALETTA WELL NO. PAD 8HM

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.

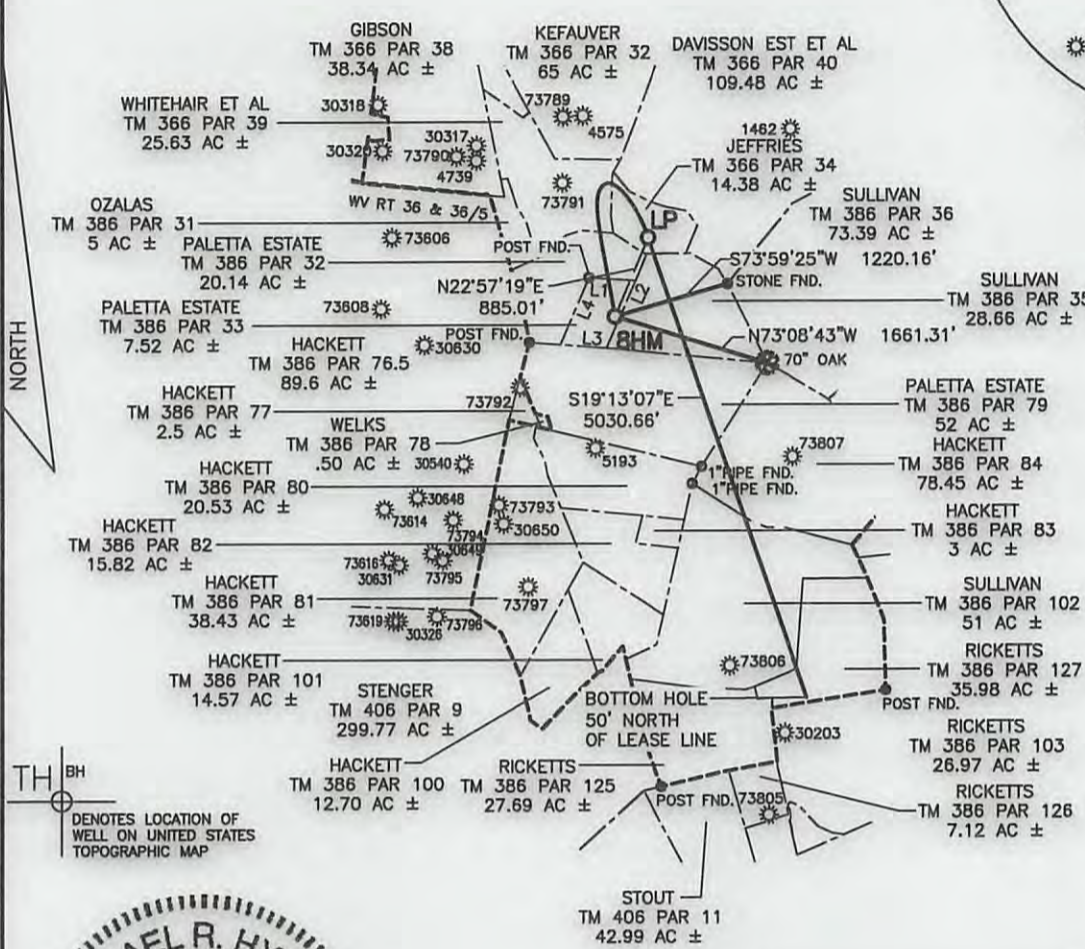
- THERE APPEARS TO BE NO WATER WELLS LOCATED WITHIN 1000' OF WELL BHM

9,571' TOP HOLE
7,533' BOTTOM HOLE
LATITUDE 39° 15' 00"



USER: kpoth
LAYOUT: 8HM (2)
PLOT DATE/TIME: 4/15/2013 - 1:55pm

LONGITUDE 80° 20' 00"
18,585' BOTTOM HOLE
14,669' TOP HOLE



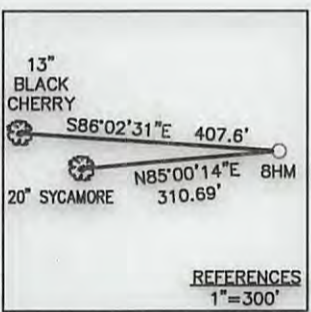
WELL NO. 8HM TOP HOLE
STATE PLANE COORDINATES (NAD 83 NORTH ZONE)
N:259688.153
E:1722798.611
LAT:39°12'35.02"
LON:80°22'01.65"
UTM COORDINATES (NAD 83-METER)
N:4340241.455
E:554639.924

WELL NO. 8HM LAUNCH POINT
STATE PLANE COORDINATES (NAD 83 NORTH ZONE)
N:260503.075
E:1723143.776
LAT:39°12'43.11"
LON:80°21'57.36"
UTM COORDINATES (NAD 83-METER)
N:4340491.477
E:554740.950

WELL NO. 8HM BOTTOM HOLE
STATE PLANE COORDINATES (NAD 83 NORTH ZONE)
N:255752.777
E:1724799.747
LAT:39°11'56.31"
LON:80°21'35.74"
UTM COORDINATES (NAD 83-METER)
N:4339052.654
E:555269.530



Table with 3 columns: LINE, BEARING, DISTANCE. Contains lines L1, L2, L3, L4 with their respective bearings and distances.

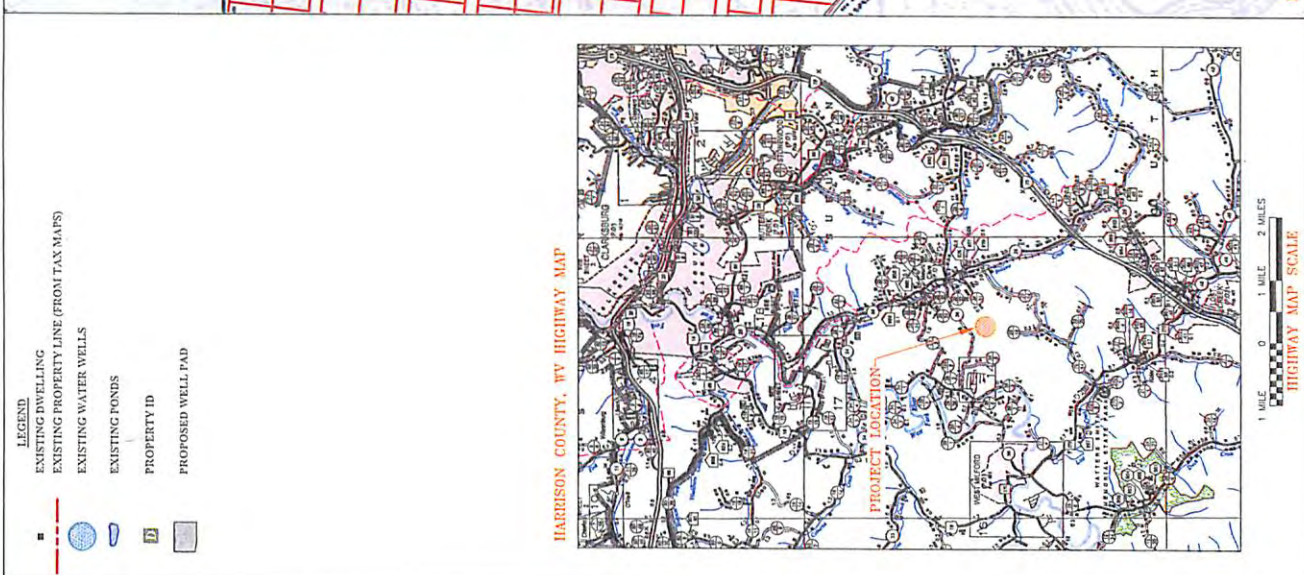
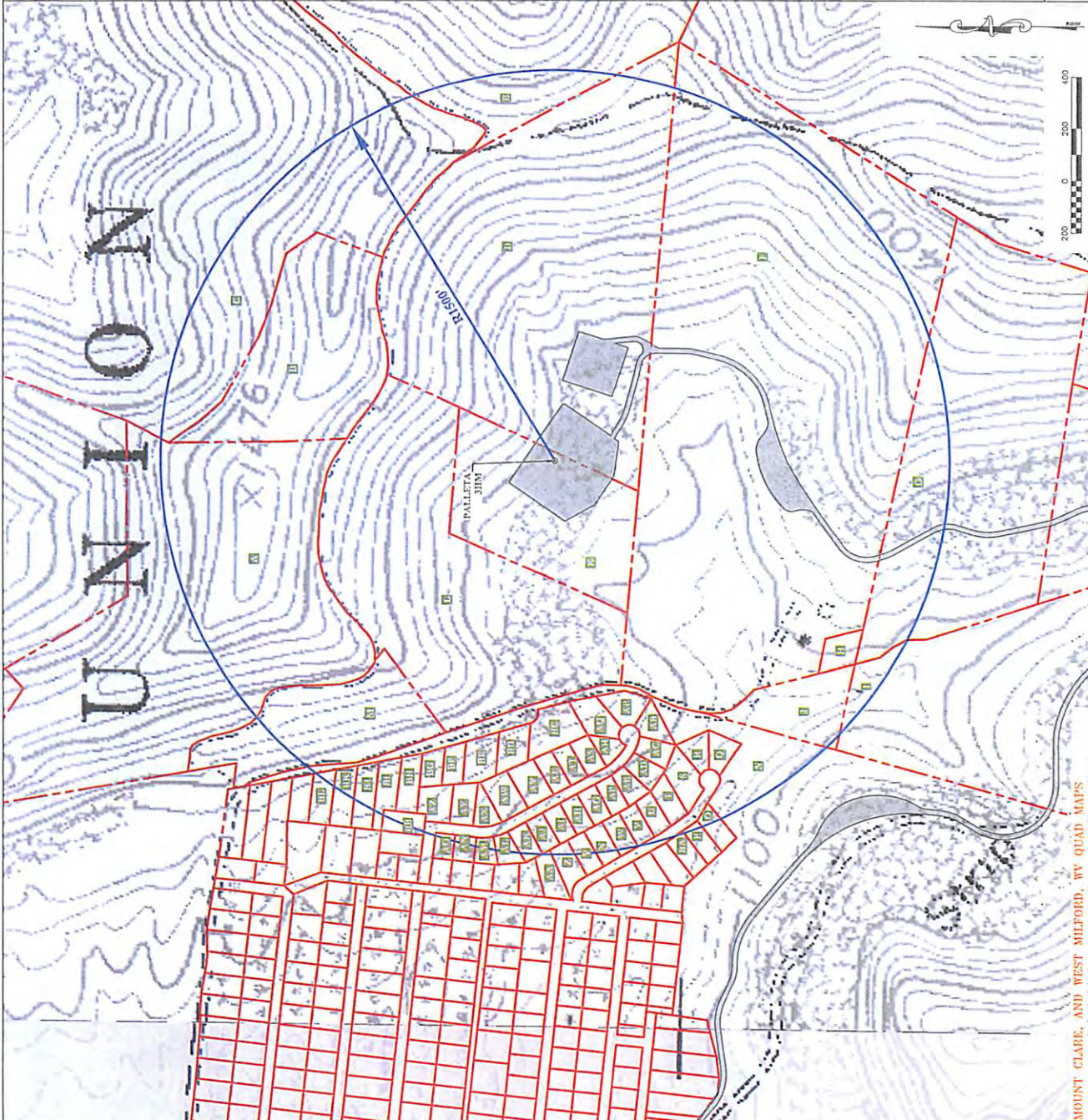


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

Form containing well details: FILE NO. 030-2292, SCALE: 1"=2000', DATE APRIL 15, 2013, OPERATOR'S WELL NO. GECO, PALETTA PAD NO. 8HM, STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL & GAS, WELL TYPE: LIQUID INJECTION, 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: 304.75 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 / 13,470' MD, WELL OPERATOR: PDC MOUNTAINEER, LLC., ADDRESS: 120 GENESIS BOULEVARD, BRIDGEPORT, WV 26330, DESIGNATED AGENT: JAMIE HAGA, ADDRESS: 120 GENESIS BOULEVARD, BRIDGEPORT, WV 26330.



09/20/2013



Received
 Office of Oil & Gas
 JUN 6 2013

33-05733