

PDC MOUNTAINEER, LLC
WELL NO. UNB 4HM

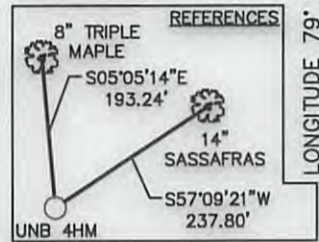
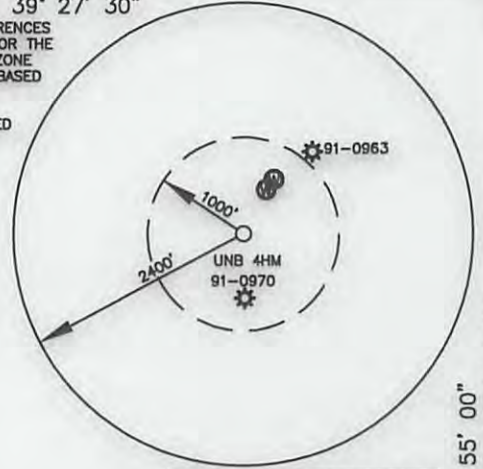
9,679' BOTTOM HOLE

LATITUDE 39° 27' 30"

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 1 WATER WELL LOCATED WITHIN 1000' OF WELL UNB 1HM.

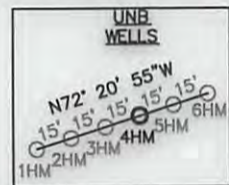
-BOTTOM HOLE 25' SOUTH OF LEASE LINE



WELL NO. 4HM TOP HOLE
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)
N: 340493.5198
E: 1874579.1328
LAT: 39°28'02.7354"
LON: 79°58'37.7988"
UTM COORDINATES (NAD 83-METER)
N: 4365482.338
E: 590894.904

WELL NO. 4HM LAUNCH POINT
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)
N: 341178.663
E: 1874372.095
LAT: 39°28'09.497"
LON: 79°56'40.481"
UTM COORDINATES (NAD 83-METER)
N: 436590.032
E: 590828.350

WELL NO. 4HM BOTTOM HOLE
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)
N: 346433.3258
E: 1872864.7511
LAT: 39°27'01.3465"
LON: 79°57'02.5771"
UTM COORDINATES (NAD 83-METER)
N: 4367282.324
E: 590281.520



USER: kpoth
LAYOUT: WELLS (4)
PLOT DATE/TIME: 10/7/2013 - 2:34pm
CAD FILE: R:\030-1999 PDC Compton A\Survey\030-1999 WELLS 9-3-13.dwg



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. 030-1999
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 OCTOBER, 2013
OPERATOR'S WELL NO. UNB NO. 4HM
API WELL NO. MOD
47 - 091 - 01261 HGA
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS"), PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1878' WATER SHED: WHITE DAY CREEK
DISTRICT: FETTERMAN COUNTY: TAYLOR
QUADRANGLE: GLADESVILLE 7.5' ACREAGE: 222.75 AC±
SURFACE OWNER: CHARLES E. MacDONALD LEASE ACREAGE: 420.88 AC +
OIL & GAS ROYALTY OWNER: UNION NAT'L BANK, TRUSTEE FOR GORE-MORRIS, ET. AL LEASE NO. WVL00459 WVL00519 WVL02896.001-003

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: 7,830' TVD / 13,750' MD

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

01/10/2014

