

**PDC MOUNTAINEER, LLC
WELL NO. UNB 5HM**

LATITUDE 39° 27' 30"

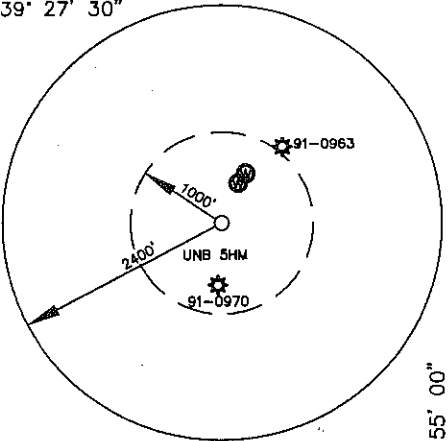
7,723' TOP HOLE

8,939' BOTTOM HOLE

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 5HM.

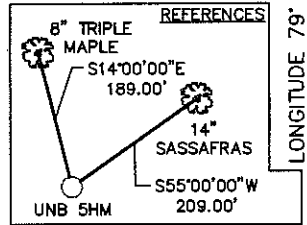
-BOTTOM HOLE 25' SOUTH OF LEASE LINE



LONGITUDE 79° 55' 00"

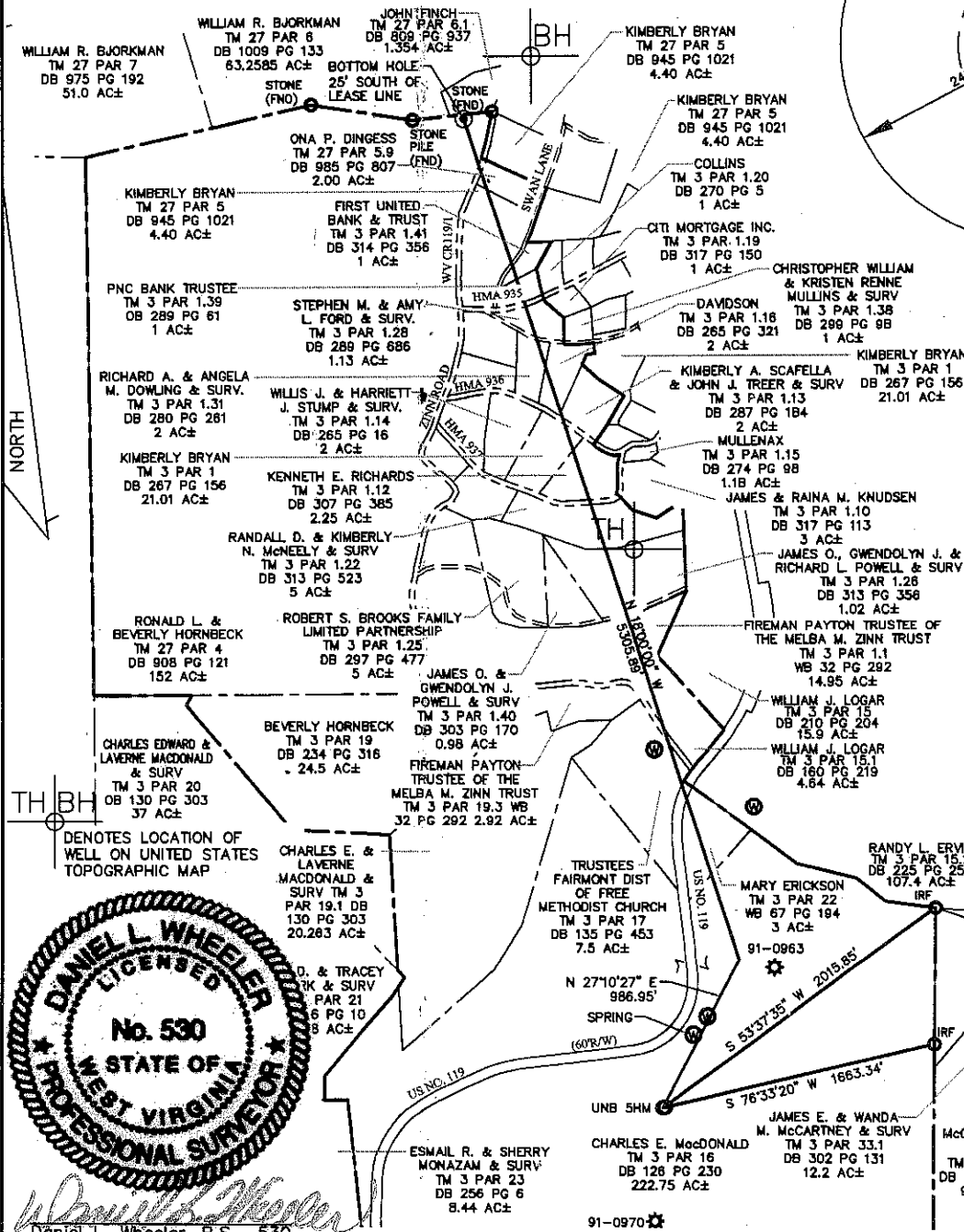
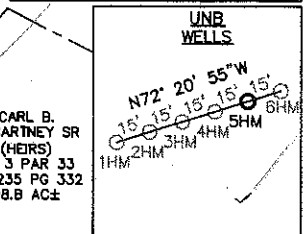
2,944' BOTTOM HOLE

8,862' TOP HOLE



**WELL NO. UNB 5HM
TOP HOLE**
STATE PLANE COORDINATES
(NAD 27 NORTH ZONE)
N: 340498.0682
E: 1874593.4266
LAT: 39° 26' 02.483"
LON: 79° 56' 38.366"
STATE PLANE COORDINATES
(NAD 83 NORTH ZONE-METER)
N: 103795.788
E: 561794.940
UTM COORDINATES
(NAD 83-METER)
N: 4365483.796
E: 590899.236
LAT: 39° 26' 02.781"
LON: 79° 56' 37.617"

**WELL NO. UNB 5HM
BOTTOM HOLE**
STATE PLANE COORDINATES
(NAD 27 NORTH ZONE)
N: 346422.2802
E: 1873404.5570
LAT: 39° 27' 00.959"
LON: 79° 56' 53.895"
STATE PLANE COORDINATES
(NAD 83 NORTH ZONE-METER)
N: 105601.431
E: 561432.812
UTM COORDINATES
(NAD 83-METER)
N: 4367282.716
E: 590506.989
LAT: 39° 27' 19.404"
LON: 79° 56' 53.145"



DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP



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. 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 SEPTEMBER 23, 2011
OPERATOR'S WELL NO. UNB NO. 5HM
API WELL NO. 47 - 091 - 012624
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: 434.70 AC +
OIL & GAS ROYALTY OWNER: UNION NAT'L BANK, TRUSTEE FOR GORE-MORRIS, ET. AL LEASE NO.



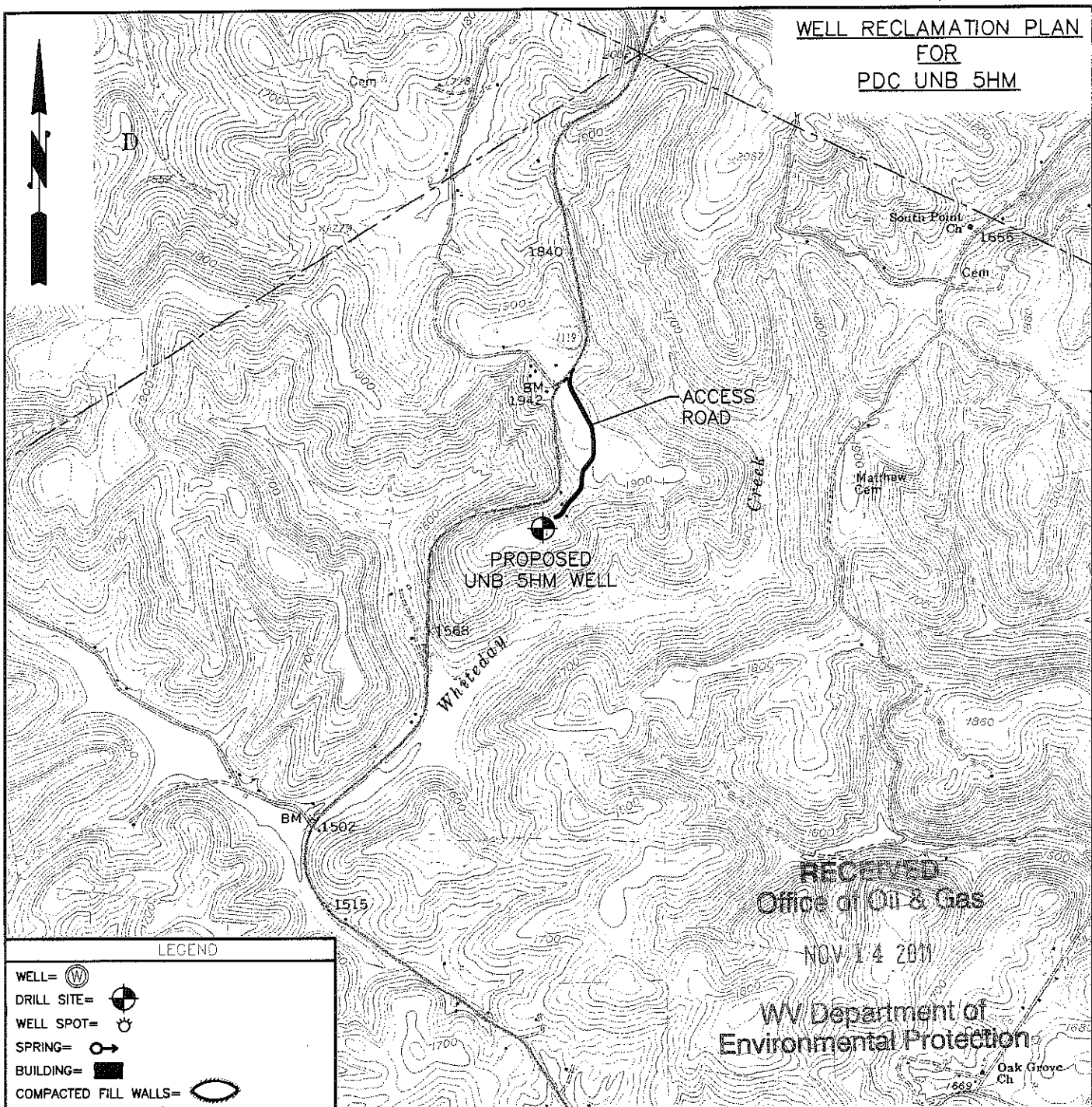
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PERFORATE NEW FORMATION PLUG OFF OLD FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 7,830' TVD / 14,200' 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

91-012624

WELL RECLAMATION PLAN
FOR
PDC UNB 5HM



RECEIVED
Office of Oil & Gas
NOV 14 2011

WV Department of
Environmental Protection

LEGEND

- WELL=
- DRILL SITE=
- WELL SPOT=
- SPRING=
- BUILDING=
- COMPACTED FILL WALLS=
- PIT CUT WALLS=
- PIT WASTE=
- GRAVEL=
- SILT FENCE=
- PROPERTY LINE=
- EXISTING FENCE=
- PLANNED FENCE=
- ROAD=
- OPEN DITCH=
- STREAM LINE=
- CROSS ORAIN=
- FILTER STRIP=
- DIVERSION=

WELL RECLAMATION PLAN
DONALD VINCENT 101
FELLOWSVILLE 7.5 QUADRANGLE

2000' 0 2000' 4000'



PHONE (304) 624-4108
THRASHER
 ENGINEERING
 CIVIL, ENVIRONMENTAL, AND CONSULTING
 30 COLUMBIA BOULEVARD - CLARKSBURG, WV 26301
 (FAX) (304) 624-7831

WELL RECLAMATION PLAN
FOR
PROJECT# 030-1999

SCALE: NOT TO SCALE
 DRAWN: JCP
 CHECKED:
 APPROVED:

SHEET No.
4