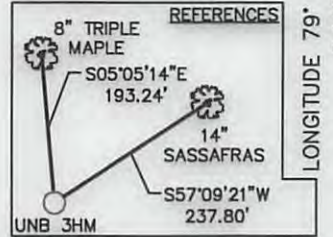
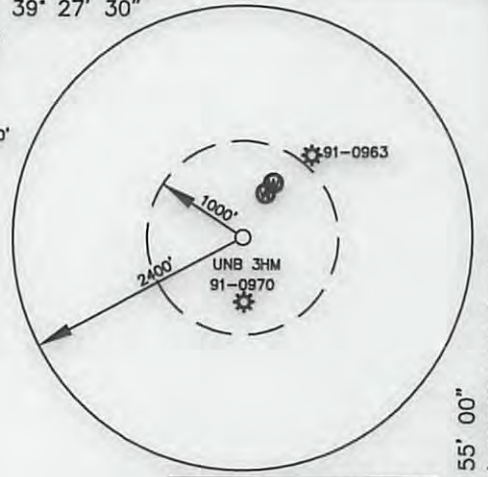


**PDC MOUNTAINEER, LLC**  
**WELL NO. UNB 3HM**

10,663' BOTTOM HOLE  
LATITUDE 39° 27' 30"

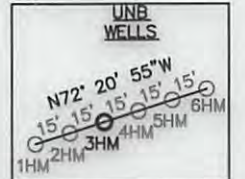
**NOTES:**  
-PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 27. WELL LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.  
-THERE APPEARS TO BE 1 WATER WELL LOCATED WITHIN 1000' OF WELL UNB 1HM.



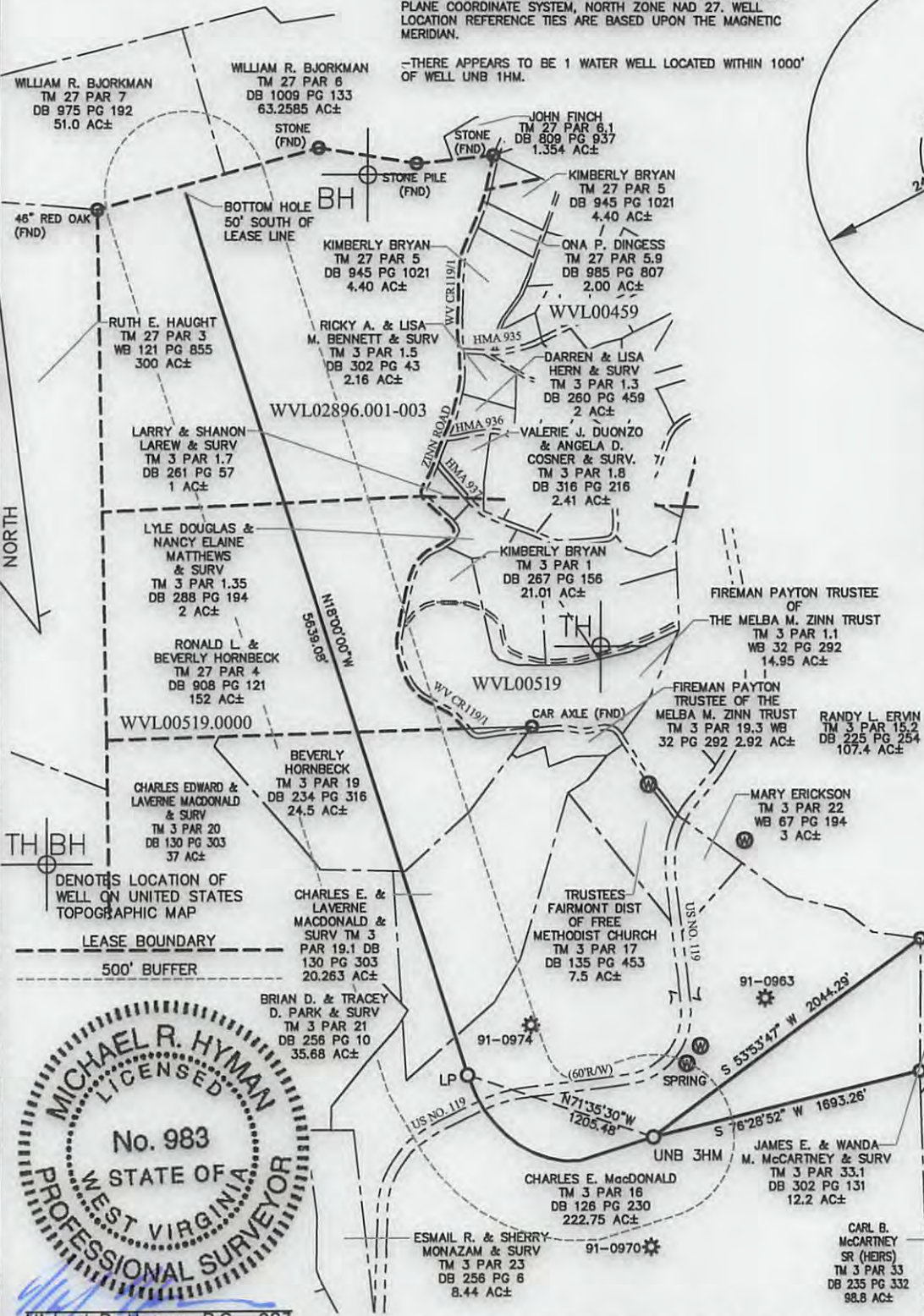
**WELL NO. 3HM TOP HOLE**  
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)  
N: 340488.9714  
E: 1874564.8391  
LAT: 39°26'02.6898"  
LON: 79°56'37.9807"  
UTM COORDINATES (NAD 83-METER)  
N: 4365480.880  
E: 590890.572

**WELL NO. 3HM LAUNCH POINT**  
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)  
N: 340869.6459  
E: 1873421.0380  
LAT: 39°26'06.3958"  
LON: 79°56'52.5836"  
UTM COORDINATES (NAD 83-METER)  
N: 4365591.053  
E: 590540.138

**WELL NO. 3HM BOTTOM HOLE**  
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)  
N: 346232.7337  
E: 1871678.4651  
LAT: 39°26'59.3147"  
LON: 79°57'15.1383"  
UTM COORDINATES (NAD 83-METER)  
N: 4367216.200  
E: 589982.024



USER: kpoth  
LAYOUT: WELLS (3)  
NORTH  
PLOT DATE/TIME: 10/17/2013 - 2:34pm  
CAD FILE: R:\030-1999-PDC Comp\030-1999 WELLS 9-3-13.dwg



**MICHAEL R. HYMAN**  
LICENSED  
No. 983  
STATE OF WEST VIRGINIA  
PROFESSIONAL SURVEYOR

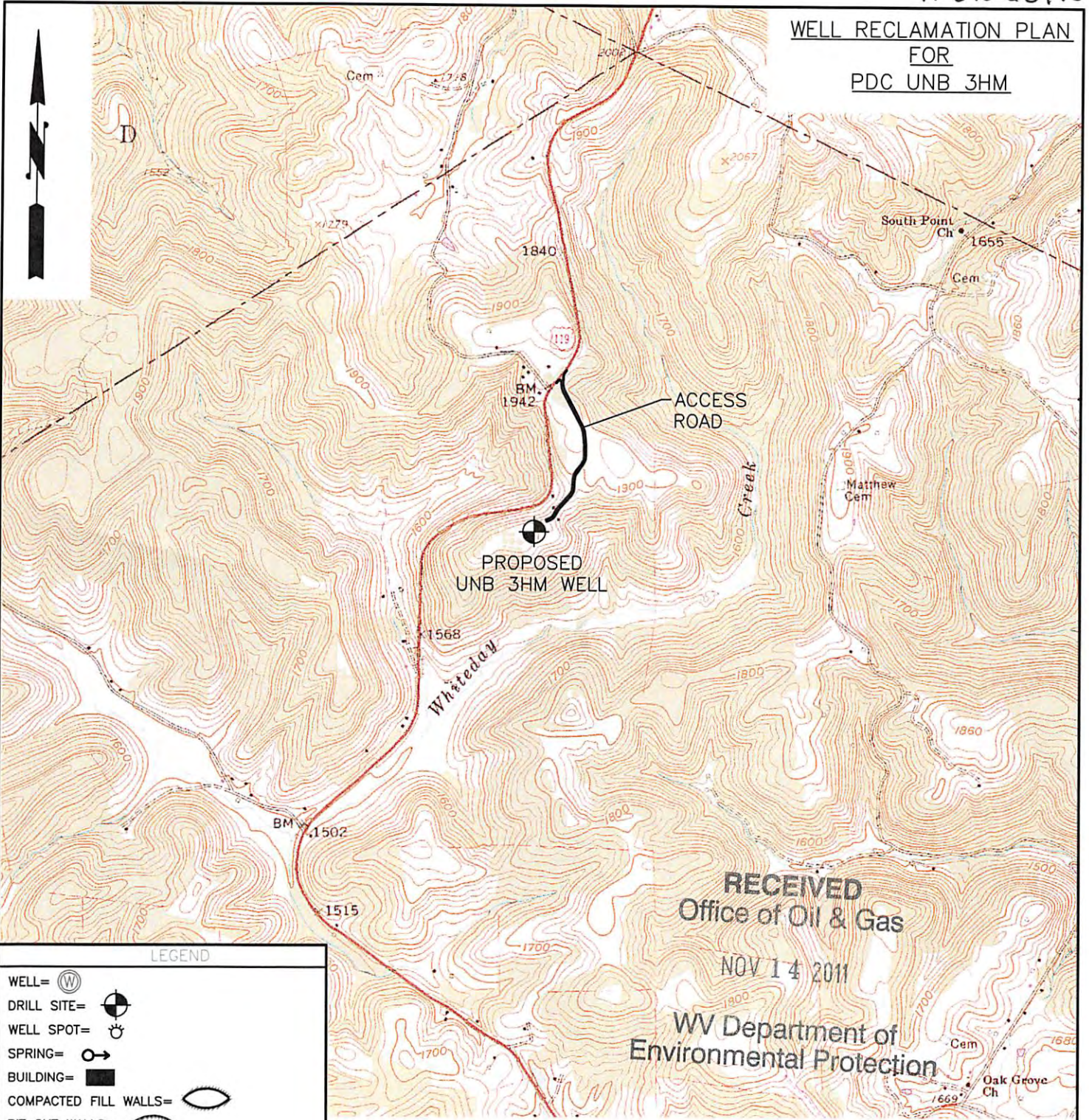
Michael R. Hyman, P.S. 983

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. <u>030-1999</u>	DATE <u>OCTOBER</u> , 2013
SCALE: <u>1"=1000'</u>	OPERATOR'S WELL NO. <u>UNB NO. 3HM</u>
MINIMUM DEGREE OF ACCURACY: <u>1 in 2500</u>	API WELL NO. <u>HGA</u>
PROVEN SOURCE OF ELEVATION: <u>OPUS SURVEY GRADE GPS</u>	<u>47</u> - <u>091</u> - <u>0160MOD</u>
	STATE COUNTY PERMIT
WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> (IF "GAS"), PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	
LOCATION: ELEVATION: <u>1878'</u> WATER SHED: <u>WHITE DAY CREEK</u>	
DISTRICT: <u>FETTERMAN</u> COUNTY: <u>TAYLOR</u>	
QUADRANGLE: <u>GLADESVILLE 7.5'</u> ACREAGE: <u>222.75 AC±</u>	
SURFACE OWNER: <u>CHARLES E. MacDONALD</u> LEASE ACREAGE: <u>419.51 AC +</u>	
OIL & GAS ROYALTY OWNER: <u>UNION NAT'L BANK, TRUSTEE FOR GORE-MORRIS, ET. AL</u> LEASE NO. <u>WV L00519 WVL02896.001-003 WVL00519.0000</u>	
PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____	
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____	
TARGET FORMATION: <u>MARCELLUS SHALE</u> ESTIMATED DEPTH: <u>7,830'</u> TVD / <u>14,360'</u> MD	
WELL OPERATOR: <u>PDC MOUNTAINEER, LLC</u> DESIGNATED AGENT: <u>JAMES A HAGA</u>	
ADDRESS: <u>120 GENESIS BOULEVARD</u> ADDRESS: <u>120 GENESIS BOULEVARD</u>	
<u>BRIDGEPORT, WV 26330</u> <u>BRIDGEPORT, WV 26330</u>	

01/10/2014

# WELL RECLAMATION PLAN FOR PDC UNB 3HM



RECEIVED  
Office of Oil & Gas  
NOV 14 2011

WV Department of  
Environmental Protection

**LEGEND**

- WELL= (W)
- DRILL SITE= (Symbol)
- WELL SPOT= (Symbol)
- SPRING= (Symbol)
- BUILDING= (Symbol)
- COMPACTED FILL WALLS= (Symbol)
- PIT CUT WALLS= (Symbol)
- PIT WASTE= (Symbol)
- GRAVEL= (Symbol)
- SILT FENCE= — SF — SF —
- PROPERTY LINE= (Symbol)
- EXISTING FENCE= — x — x —
- PLANNED FENCE= — o — o —
- ROAD= (Symbol)
- OPEN DITCH= (Symbol)
- STREAM LINE= (Symbol)
- CROSS DRAIN= (Symbol)
- FILTER STRIP= (Symbol)
- DIVERSION= (Symbol)

## WELL RECLAMATION PLAN DONALD VINCENT 101 FELLOWSVILLE 7.5 QUADRANGLE



**THRASHER**  
ENGINEERING  
CIVIL, ENVIRONMENTAL, AND CONSULTING  
30 COLUMBIA BOULEVARD - CLARKSBURG, WV 26301

PHONE (304) 824-4108 (FAX) (304) 824-7831

WELL RECLAMATION PLAN FOR	SCALE: NOT TO SCALE	SHEET No.  <b>4</b>
	DRAWN: JCP	
	CHECKED:	
PROJECT# 030-1999		APPROVED: