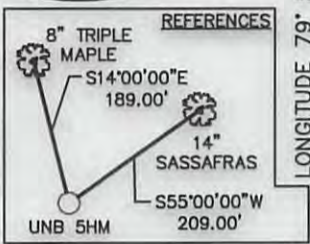
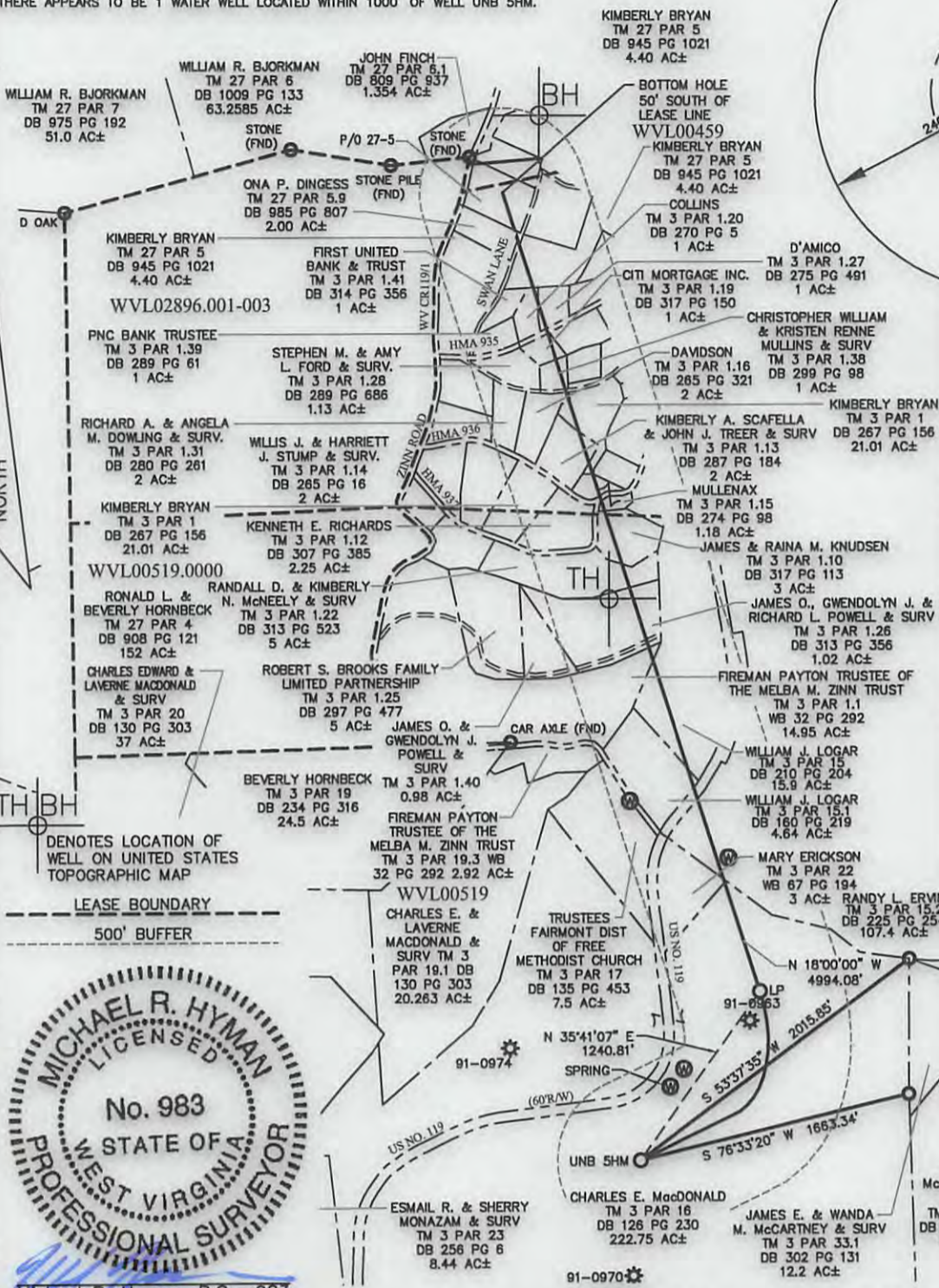


PDC MOUNTAINEER, LLC
WELL NO. UNB 5HM

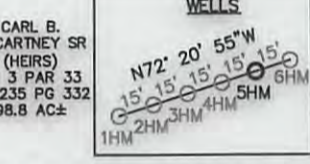
NOTES:
-PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 27. WELL LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.
-THERE APPEARS TO BE 1 WATER WELL LOCATED WITHIN 1000' OF WELL UNB 5HM.



WELL NO. 5HM TOP HOLE
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)
N: 340498.088
E: 1874593.427
LAT: 39°26'02.781"
LON: 79°56'37.617"
UTM COORDINATES (NAD 83-METER)
N: 4365483.786
E: 590888.236

WELL NO. 5HM LAUNCH POINT
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)
N: 341505.897
E: 1875317.232
LAT: 39°26'12.777"
LON: 79°56'28.454"
UTM COORDINATES (NAD 83-METER)
N: 4365794.532
E: 591114.669

WELL NO. 5HM BOTTOM HOLE
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)
N: 346255.550
E: 1873773.976
LAT: 39°26'59.644"
LON: 79°56'48.425"
UTM COORDINATES (NAD 83-METER)
N: 4367233.794
E: 590620.392



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. 5HM
API WELL NO. MOD
47 - 091 - 01262 H64
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: 411.25 AC +
OIL & GAS ROYALTY OWNER: UNION NAT'L BANK, TRUSTEE FOR GORE-MORRIS, ET. AL. LEASE NO. WV100457 WV100519 WV100665 WV100459 WV100556

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

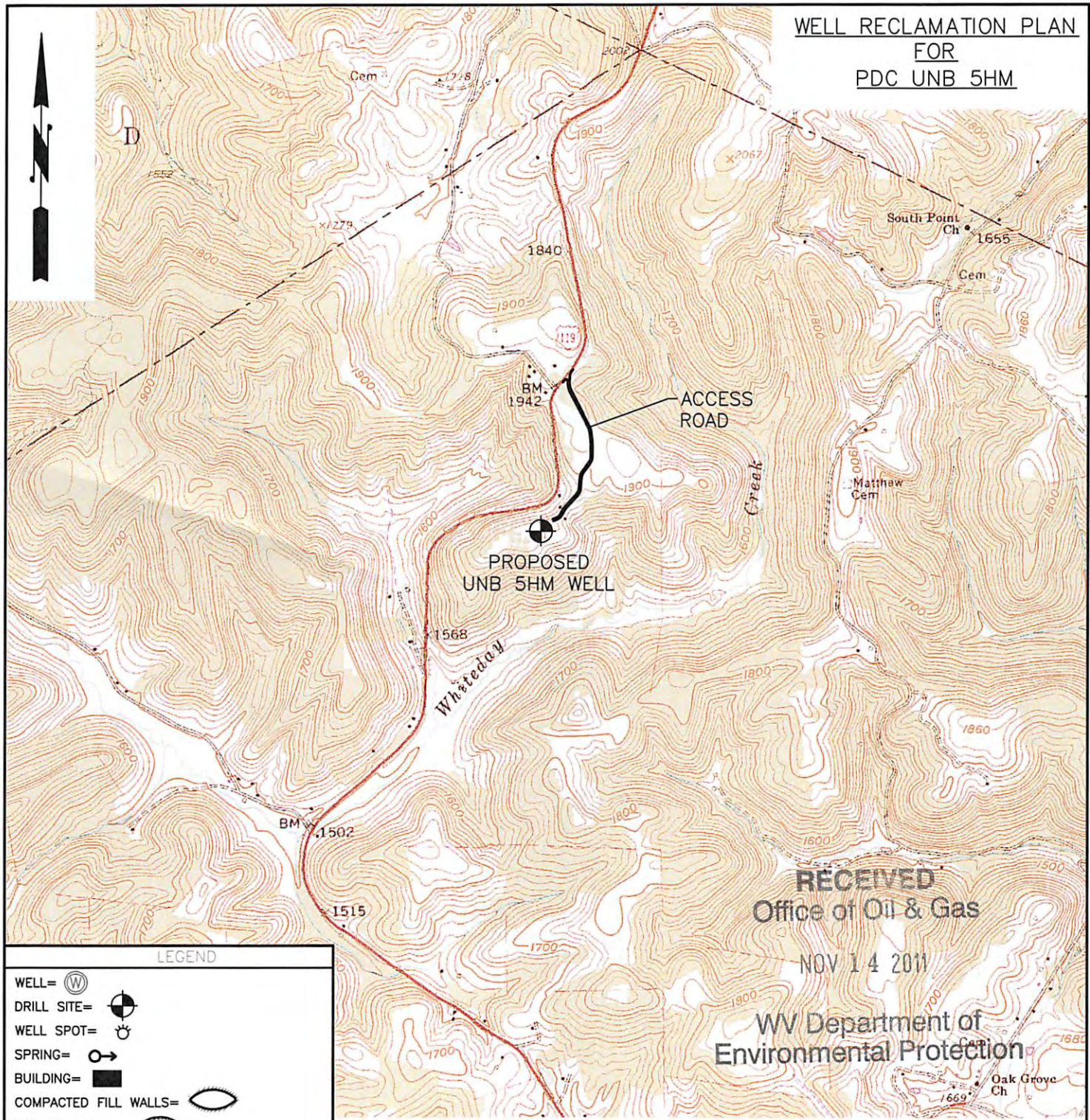
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 7,830' TVD / 13,410' MD

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

CAD FILE: R:\030-1999 PDC Compton A Survey\030-1999 WELLS 9-3-13.dwg
PLOT DATE/TIME: 10/17/2013 - 2:34pm
LAYOUT: WELLS (5)
USER: kpoth
NORTH

WELL RECLAMATION PLAN FOR PDC UNB 5HM



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) 624-4108 (FAX) (304) 624-7831

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