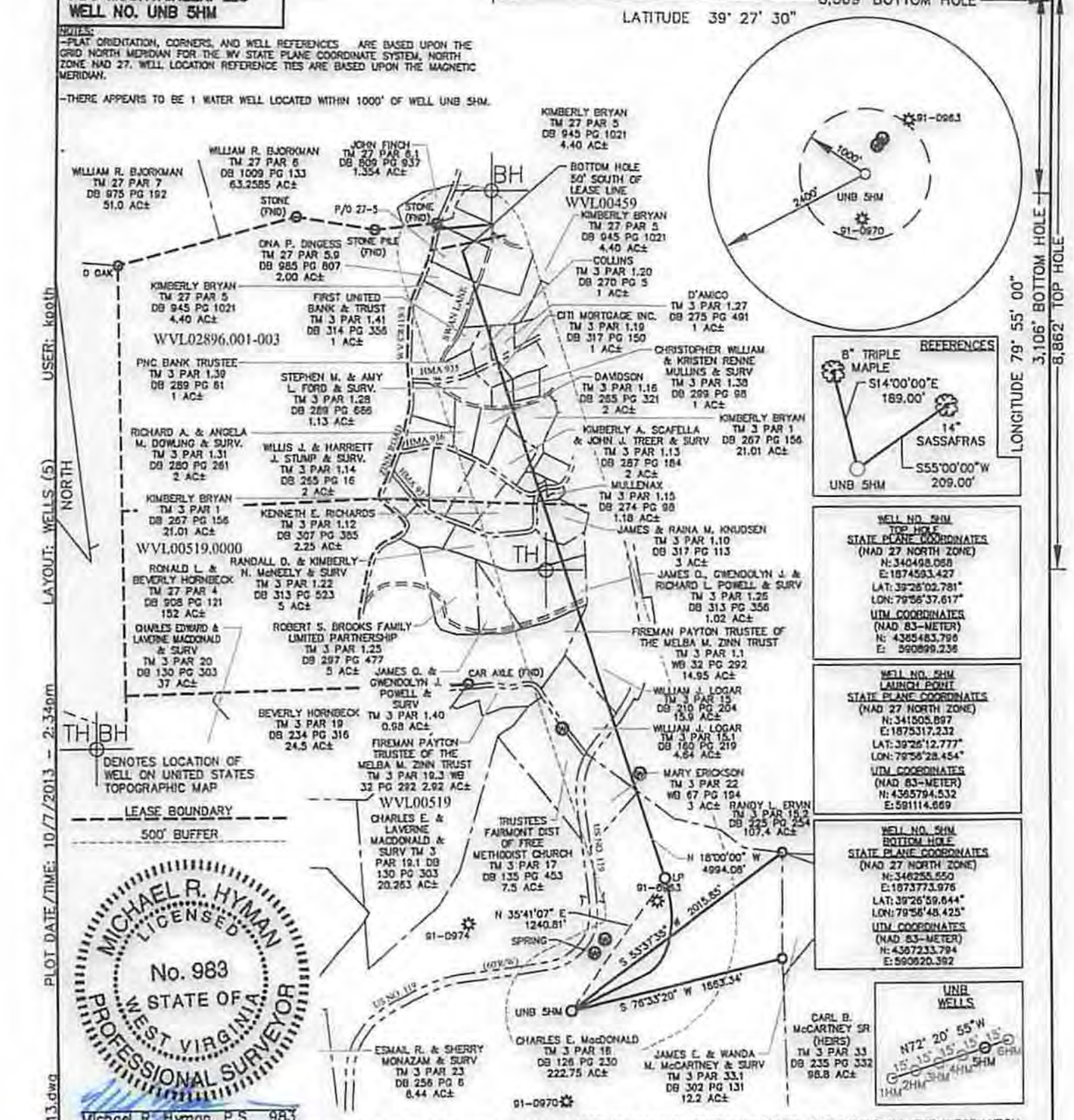
FORM WW-6

PDC MOUNTAINEER, LLC
WELL NO. UNB 5HM

7,723' TOP HOLE
8,569' BOTTOM HOLE
LATITUDE 39° 27' 30"
3,106' BOTTOM HOLE
8,862' TOP HOLE
LONGITUDE 79° 55' 00"

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: 340498.068
E: 1874593.427
LAT: 39°26'02.781"
LON: 79°56'37.617"
UTM COORDINATES
(NAD 83-METER)
N: 4365483.798
E: 590899.236

WELL NO. 5HM
LAUNCH POINT
STATE PLANE COORDINATES
(NAD 27 NORTH ZONE)
N: 341505.897
E: 1875317.232
LAT: 39°25'12.777"
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

UNB WELLS
N72° 20' 55"W
15' 15' 15' 15' 15'
6HM 5HM 4HM 3HM 2HM 1HM

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 HGA
STATE COUNTY PERMIT
CAVE GLADE

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.
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
ADDRESS: 120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330

DESIGNATED AGENT: JAMES A HAGA
ADDRESS: 120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330

08/15/2014

USER: knoth
LAYOUT: WELLS (5)
PLOT DATE/TIME: 10/7/2013 - 2:34pm
CAD FILE: R:\030-1999 PDC Compton A\Survey\030-1999 WELLS 9-3-13.dwg