

**PDC MOUNTAINEER, LLC  
WELL NO. OES 2HM**

**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 NO WATER WELLS LOCATED WITHIN 1000' OF WELL OES 2HM.

JACOBS FAMILY TRUST  
TM 26 PAR 12  
DB 1033 PG 561  
42.0 AC±

ROBERT W. & KIMBERLY J. BRYAN & SURV  
TM 2 PAR 5  
DB 260 PG 70  
0.5 AC±

MARK D. & KAREN T. WOLF & SURV  
TM 2 PAR 2.2  
DB 270 PG 279  
96.53 AC±

SAMMY R. & SARA LEE JACOBS FAMILY TRUST  
TM 2 PAR 4  
DB 305 PG 403  
4 AC±

ANTHONY T. DORSEY & LAURA J. TOBIN & SURV.  
TM 2 PAR 8.1  
DB 291 PG 286  
16.60 AC±

ALVIN L. & JUDY K. LIPSCOMB  
TM 2 PAR 9  
DB 270 PG 272  
44.92 AC±

ALVIN L. & JUDY K. LIPSCOMB  
TM 7 PAR 8  
DB 270 PG 272  
66 AC±

ORTHODOX EDUCATIONAL SOCIETY  
TM 27 PAR 2  
DB 402 PG 440  
502.5 AC±

CHARLES E. McDONALD  
TM 2 PAR 6  
DB 126 PG 10  
18.5 AC±

BILLY D. & MILDRED J. CRANE & SURV  
TM 2 PAR 7.4  
DB 209 PG 523  
1.49 AC±

LARRY B. & LAURA L. WEAVER & SURV  
TM 2 PAR 7.1  
DB 255 PG 230  
1.50 AC±

RUTH E. PYSELL  
TM 2 PAR 7  
DB 158 PG 450  
70.62 AC±

HAROLD WESLEY HAMILTON & CAROLYN ANN BOWMAN & SURV  
TM 2 PAR 12  
DB 137 PG 270  
18.62 AC±

PAYTON FIREMAN TRUSTEE OF THE MELBA M. ZINN TRUST  
TM 7 PAR 11  
WB 32 PG 292  
228.97 AC±

PAYTON FIREMAN TRUSTEE OF THE MELBA M. ZINN TRUST  
TM 7 PAR 11  
WB 32 PG 292  
228.97 AC±

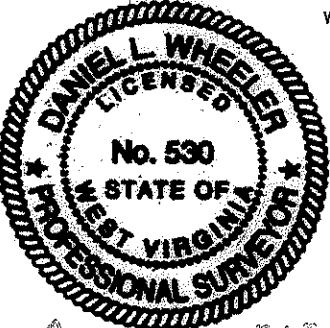
WILLIAM C. WILLIAMS  
TM 7 PAR 9  
DB 266 PG 390  
107.25 AC±

WESLEY H. & CAROLYN ANN HAMILTON & SURV  
TM 7 PAR 12  
DB 161 PG 196  
55 AC±

VIRGINIA MORGAN BREWER  
TM 6 PAR 1  
DB 162 PG 385  
87 AC±

VIRGINIA MORGAN BREWER  
TM 6 PAR 46  
DB 162 PG 385  
85 AC±

THBH  
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.

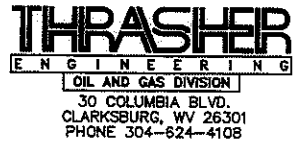
FILE NO. 030-2000  
SCALE: 1"=1000'  
MINIMUM DEGREE OF ACCURACY: 1 in 2500  
PROVEN SOURCE OF ELEVATION: OPUS SURVEY GRADE GPS

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL & GAS

DATE OCTOBER 12, 2011  
OPERATOR'S WELL NO. OES NO. 2HM  
API WELL NO. 47 - 091 - 01265H  
STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  (IF "GAS"), PRODUCTION  STORAGE  DEEP  SHALLOW

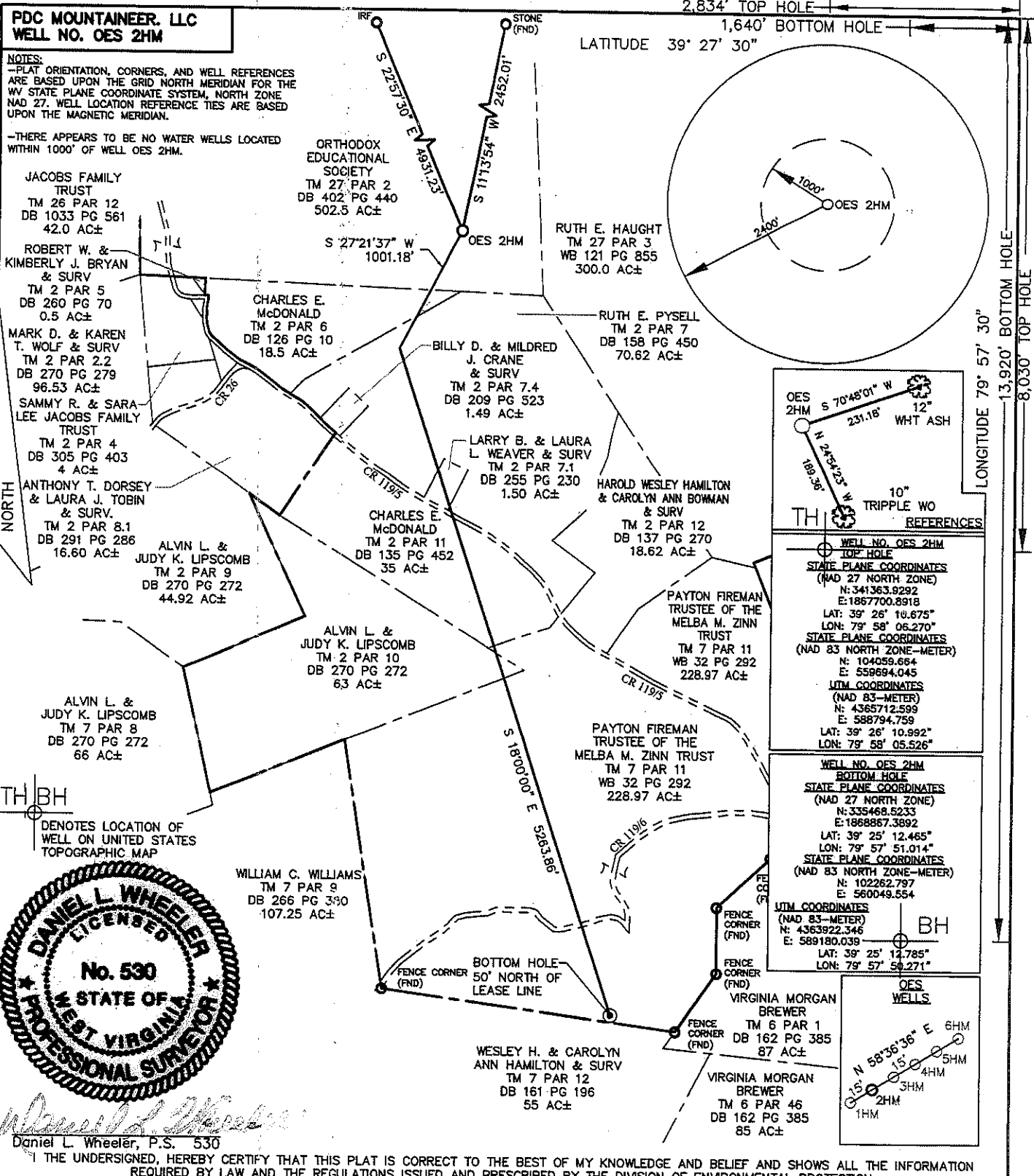
LOCATION: ELEVATION: 1945.5' WATER SHED: WHITE DAY CREEK  
DISTRICT: FETTERMAN COUNTY: TAYLOR  
QUADRANGLE: GLADESVILLE 7.5' ACREAGE: 502.5 AC±  
SURFACE OWNER: ORTHODOX EDUCATIONAL SOCIETY LEASE ACREAGE: 920.09 AC +  
OIL & GAS ROYALTY OWNER: ORTHODOX EDUCATIONAL SOCIETY, ET. AL. LEASE NO. \_\_\_\_\_



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: 7,965' TVD / 14,300' 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



**REFERENCES**

WELL NO. OES 2HM  
TOP HOLE  
STATE PLANE COORDINATES  
(NAD 27 NORTH ZONE)  
N: 341363.9292  
E: 1867700.8918  
LAT: 39° 26' 16.675"  
LON: 79° 58' 06.270"  
STATE PLANE COORDINATES  
(NAD 83 NORTH ZONE-METER)  
N: 104059.664  
E: 558694.045  
UTM COORDINATES  
(NAD 83-METER)  
N: 4365712.599  
E: 588794.759  
LAT: 39° 26' 10.992"  
LON: 79° 58' 05.526"

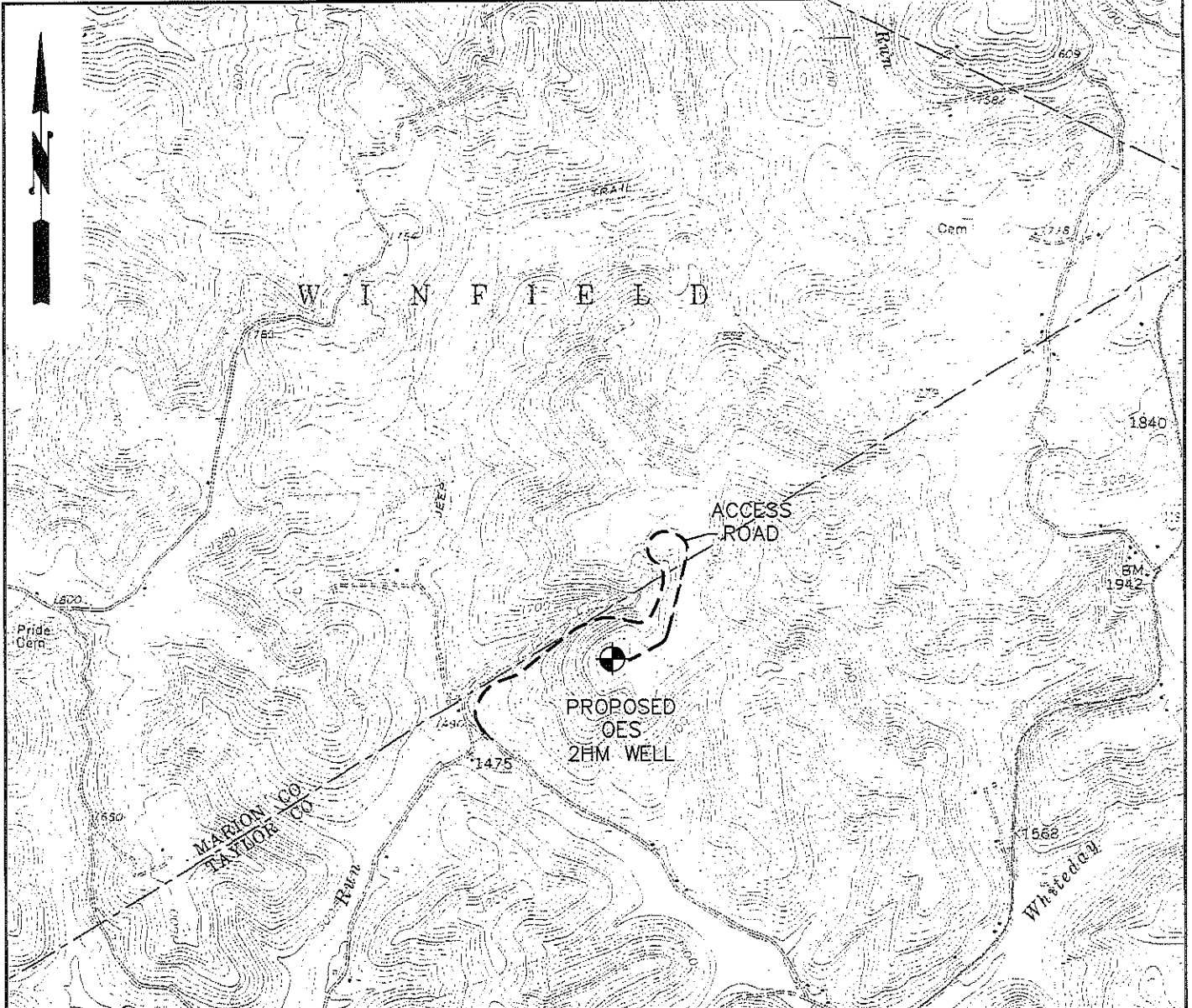
WELL NO. OES 2HM  
BOTTOM HOLE  
STATE PLANE COORDINATES  
(NAD 27 NORTH ZONE)  
N: 335468.5233  
E: 1868867.3892  
LAT: 39° 25' 12.465"  
LON: 79° 57' 51.014"  
STATE PLANE COORDINATES  
(NAD 83 NORTH ZONE-METER)  
N: 102262.797  
E: 560049.554  
UTM COORDINATES  
(NAD 83-METER)  
N: 4363922.346  
E: 589180.039  
LAT: 39° 25' 12.785"  
LON: 79° 57' 50.271"

**OES WELLS**

6HM  
5HM  
4HM  
3HM  
2HM  
1HM

N 58°36'36" E  
15'  
15'

91012654



**LEGEND**

WELL= (W)

DRILL SITE= (D)

WELL SPOT= (S)

SPRING= (O)

BUILDING= (B)

COMPACTED FILL WALLS= (C)

PIT CUT WALLS= (P)

PIT WASTE= (W)

GRAVEL= (G)

SILT FENCE= — SF — SF —

PROPERTY LINE= (P)

EXISTING FENCE= — X — X —

PLANNED FENCE= — O — O —

ROAD= (R)

OPEN DITCH= (D)

STREAM LINE= (S)

CROSS DRAIN= (C)

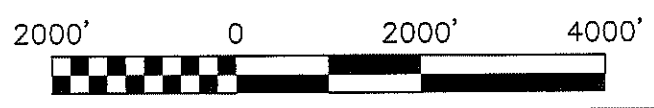
FILTER STRIP= (F)

DIVERSION= (V)

RECEIVED  
Office of Oil & Gas  
NOV 15 2011

WV Department of  
Environmental Protection

WELL RECLAMATION PLAN  
PDC OES 2HM  
GLADESVILLE 7.5 QUADRANGLE



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

(FAX) (304) 624-7831

WELL RECLAMATION PLAN  
FOR  
PDC OES 2HM

SCALE: NOT TO SCALE  
DRAWN: KJP  
CHECKED:  
APPROVED:

PROJECT# 030-2000

SHEET No.  
**6**