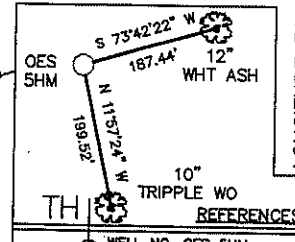
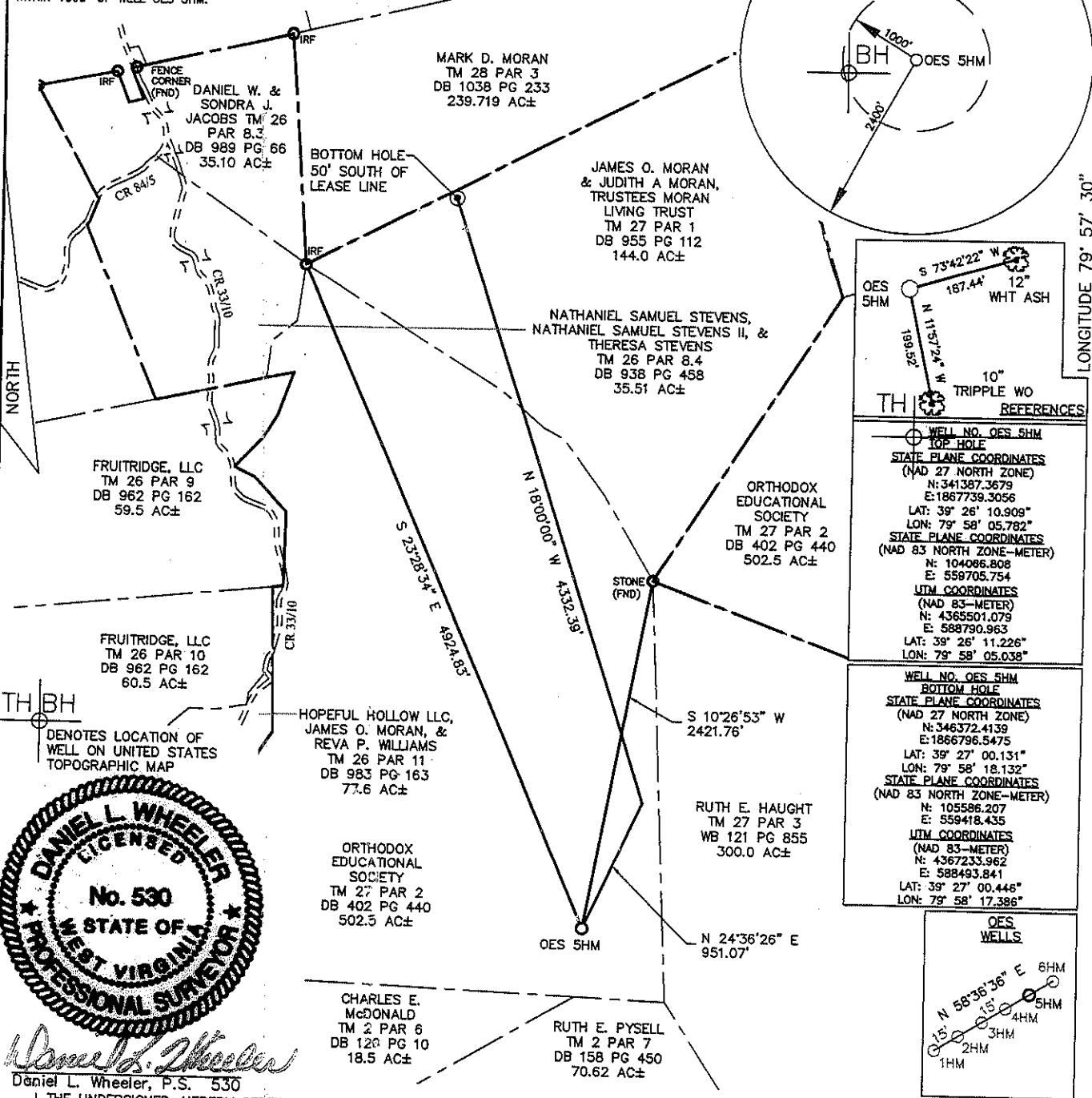
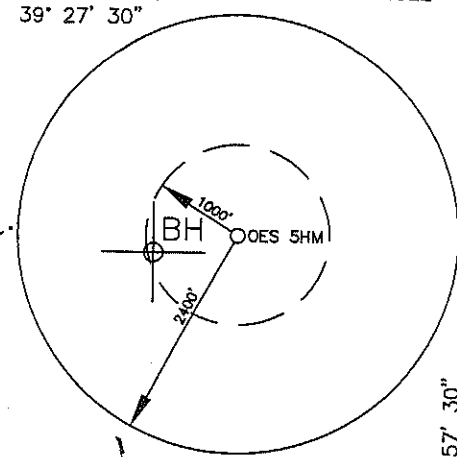


**PDC MOUNTAINEER, LLC
WELL NO. OES 5HM**

2,795' TOP HOLE
3,761' 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 NO WATER WELLS LOCATED WITHIN 1000' OF WELL OES 5HM.



**WELL NO. OES 5HM
TOP HOLE**

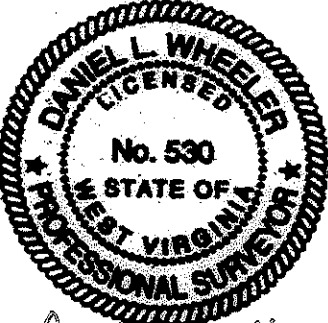
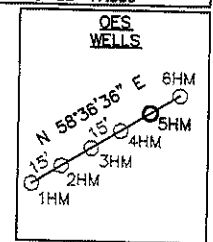
STATE PLANE COORDINATES (NAD 27 NORTH ZONE)
N: 341387.3679
E: 1867739.3056
LAT: 39° 26' 10.909"
LON: 79° 58' 05.782"

STATE PLANE COORDINATES (NAD 83 NORTH ZONE-METER)
N: 104066.808
E: 559705.754
UTM COORDINATES (NAD 83-METER)
N: 4365501.079
E: 588790.963
LAT: 39° 26' 11.226"
LON: 79° 58' 05.039"

**WELL NO. OES 5HM
BOTTOM HOLE**

STATE PLANE COORDINATES (NAD 27 NORTH ZONE)
N: 346372.4139
E: 1866796.5475
LAT: 39° 27' 00.131"
LON: 79° 58' 18.132"

STATE PLANE COORDINATES (NAD 83 NORTH ZONE-METER)
N: 105586.207
E: 559418.435
UTM COORDINATES (NAD 83-METER)
N: 4367233.962
E: 588493.841
LAT: 39° 27' 00.446"
LON: 79° 58' 17.386"



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. <u>030-2000</u>		DATE <u>OCTOBER 12</u> , 2011
SCALE: <u>1"=1000'</u>		OPERATOR'S WELL NO. <u>OES NO. 5HM</u>
MINIMUM DEGREE OF ACCURACY: <u>1 in 2500</u>		API WELL NO.
PROVEN SOURCE OF ELEVATION: <u>OPUS SURVEY GRADE GPS</u>		<u>47</u> - <u>091</u> - <u>012108H</u>
		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: 646.50 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) _____

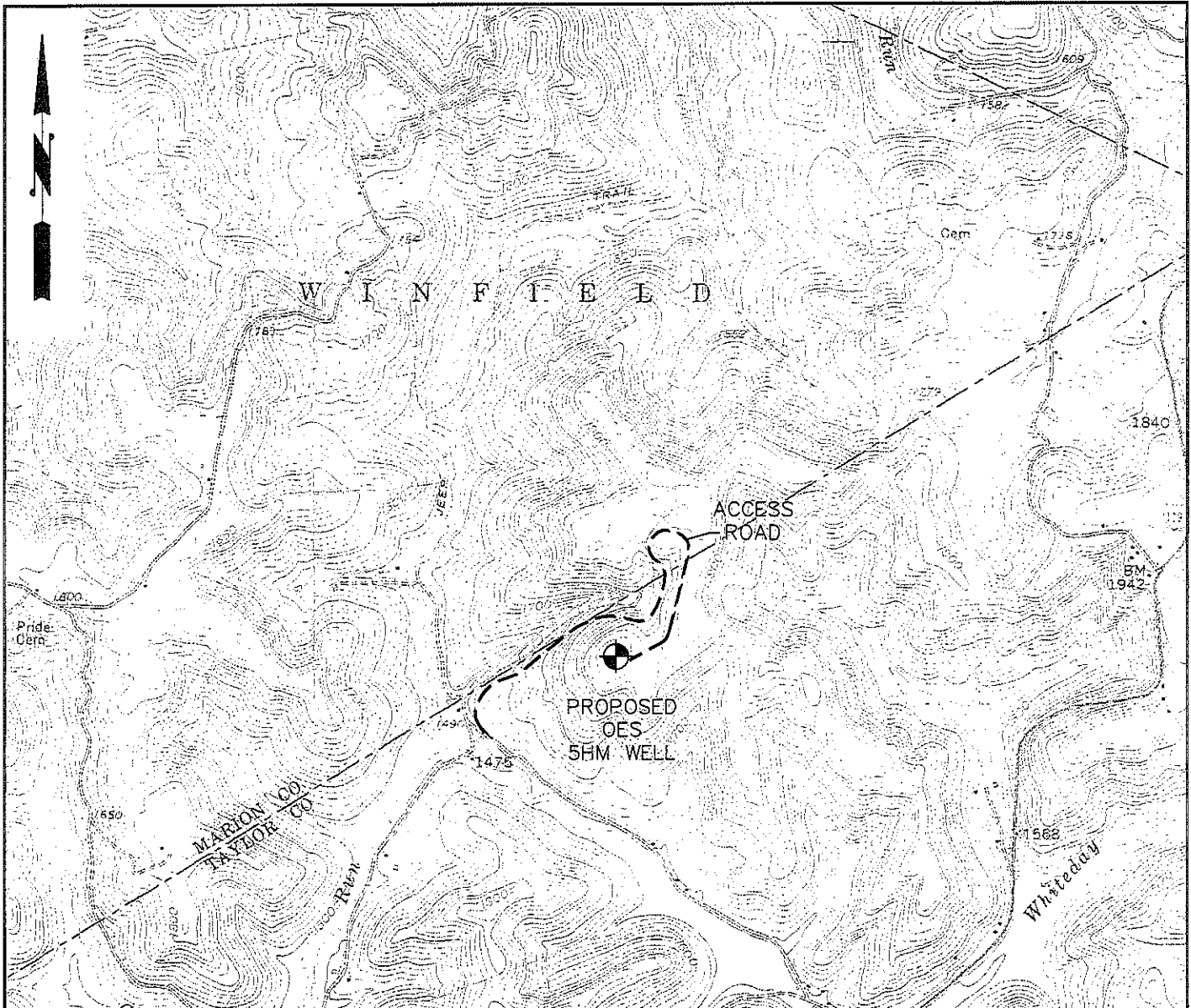


PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____

TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 7,965' TVD / 13,500' 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



LEGEND

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

RECEIVED
 Office of Oil & Gas
 NOV 15 2011
 WV Department of
 Environmental Protection

WELL RECLAMATION PLAN
PDC OES 5HM
GLADESVILLE 7.5 QUADRANGLE

2000' 0 2000' 4000'

PHONE (304) 824-4108 THRASHER ENGINEERING CIVIL, ENVIRONMENTAL, AND CONSULTING 30 COLUMBIA BOULEVARD - CLARKSBURG, WV 26301	(FAX) (304) 824-7831	WELL RECLAMATION PLAN	SCALE: NOT TO SCALE	SHEET No.
		FOR PDC OES 5HM	DRAWN: KJP CHECKED: APPROVED:	
PROJECT# 030-2000				