

PDC MOUNTAINEER, LLC
WELL OES NO. R5HM

NOTES:
-PLAT BEARINGS AND DISTANCES ARE BASED ON NAD2011 (CORS) WV STATE PLANES NORTH. GRID NORTH ELEVATIONS BASED ON GEOID2012A US SURVEY FEET UNLESS SHOWN OTHERWISE.

-THERE ARE NO (0) WATER WELL(S) LOCATED WITHIN 250' OF WELL OES R5HM.

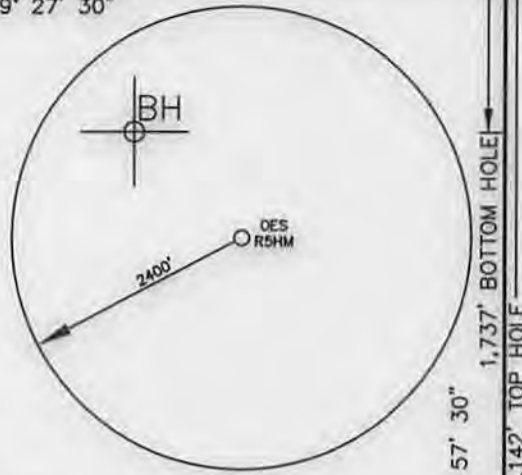
-THERE ARE NO (0) DWELLINGS OR AGRICULTURAL STRUCTURES WITHIN 625' OF WELL OES R5HM.

MONUMENT FOUND IRON REBAR UNLESS NOTED OTHERWISE.

UT= UNNAMED TRIBUTARY

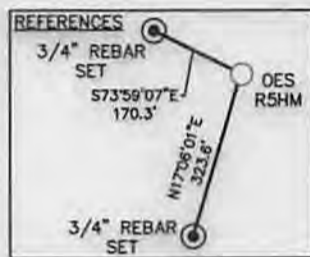
WELL OES NO. R5HM
TOP HOLE
STATE PLANE COORDINATES
(NORTH ZONE-NAD 83)
N: 341288.4
E: 1836245.3
GEO: LAT: 39°26'09.9"
LON: 79°58'05.7"
UTM COORDINATES-ZONE17
(NAD 83-METER)
N: 4365677.8
E: 588790.0

2,871' TOP HOLE
3,867' BOTTOM HOLE
LATITUDE 39° 27' 30"



LONGITUDE 79° 57' 30"
8,142' TOP HOLE
1,737' BOTTOM HOLE

USER: kpoth
LAYOUT: 5HM
PLOT DATE/TIME: 4/24/2014 - 10:16am
CAD FILE: R:\030-2000 PDC Compton D\Survey\WELLS 1.3.5 (4-24-14).dwg



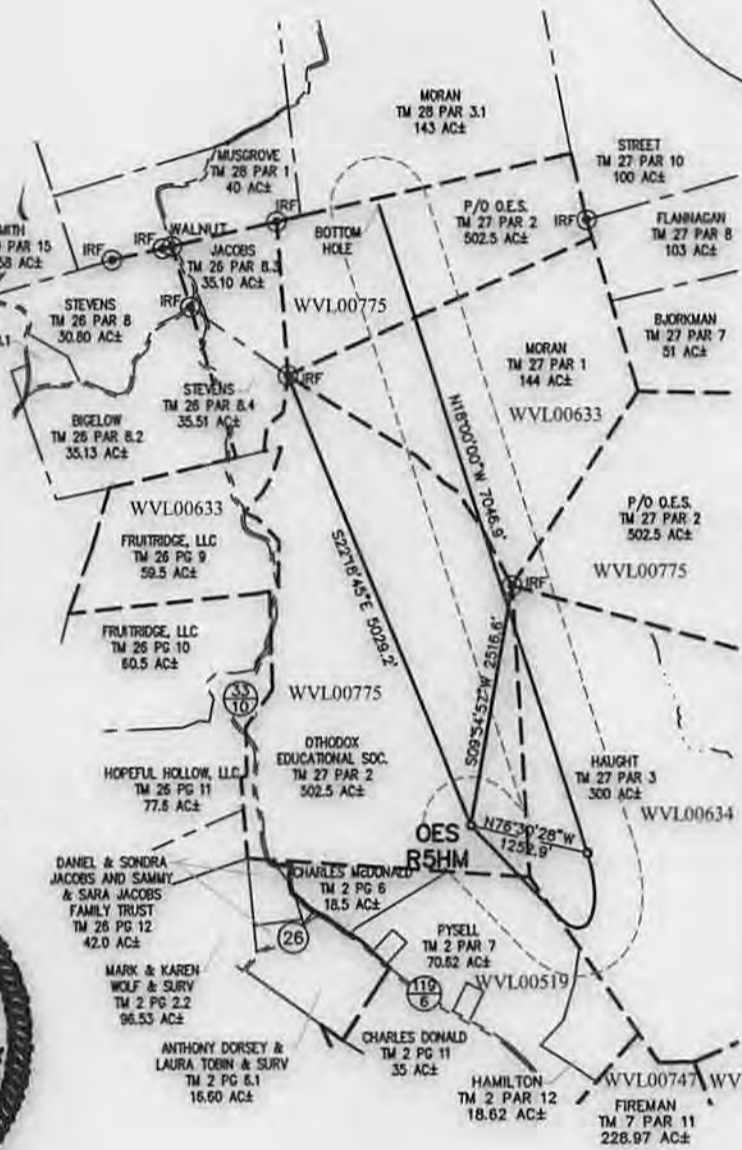
TH BH
DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP

LEASE BOUNDARY
500' BUFFER



Michael S. Wolf, P.S. 2270

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



WELL OES NO. R5HM
LAUNCH POINT
STATE PLANE COORDINATES
(NORTH ZONE-NAD 83)
N: 340996.1
E: 1837463.6
GEO: LAT: 39°26'07.0"
LON: 79°57'50.2"
UTM COORDINATES-ZONE17
(NAD 83-METER)
N: 43655950.0
E: 589162.7

WELL OES NO. R5HM
BOTTOM HOLE
STATE PLANE COORDINATES
(NORTH ZONE-NAD 83)
N: 347698.1
E: 1835285.9
GEO: LAT: 39°27'13.2"
LON: 79°58'18.4"
UTM COORDINATES-ZONE17
(NAD 83-METER)
N: 4367625.8
E: 588465.2



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

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

DATE APRIL 24, 2014
OPERATOR'S WELL NO. OES NO. R5HM
API WELL NO. 47 - 091 - 0129946A
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS"), PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1951.00' WATER SHED: WHITE DAY CREEK
DISTRICT: FETTERMAN COUNTY: TAYLOR
QUADRANGLE: GLADESVILLE 7.5' ACREAGE: 502.5 AC±
SURFACE OWNER: ORTHODOX EDUCATIONAL SOCIETY LEASE ACREAGE: 1017.12 AC+
OIL & GAS ROYALTY OWNER: ORTHODOX EDUCATIONAL SOCIETY/UNION NATIONAL BANK, TRUSTEE TRUMAN GORE & C.BURKE MORRIS/CHARLES & LEVERNE MACDONALD/CHARLES & LEVERNE MACDONALD, ET AL. LEASE NO. WVL00775/WVL00519/WVL00634/WVL00633



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: 7,875' TVD / 16,025' MD
WELL OPERATOR: PDC MOUNTAINEER, LLC. DESIGNATED AGENT: STEVEN P. JOHNSON
ADDRESS: 120 GENESIS BOULEVARD ADDRESS: 120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

08/29/2014

91-01299



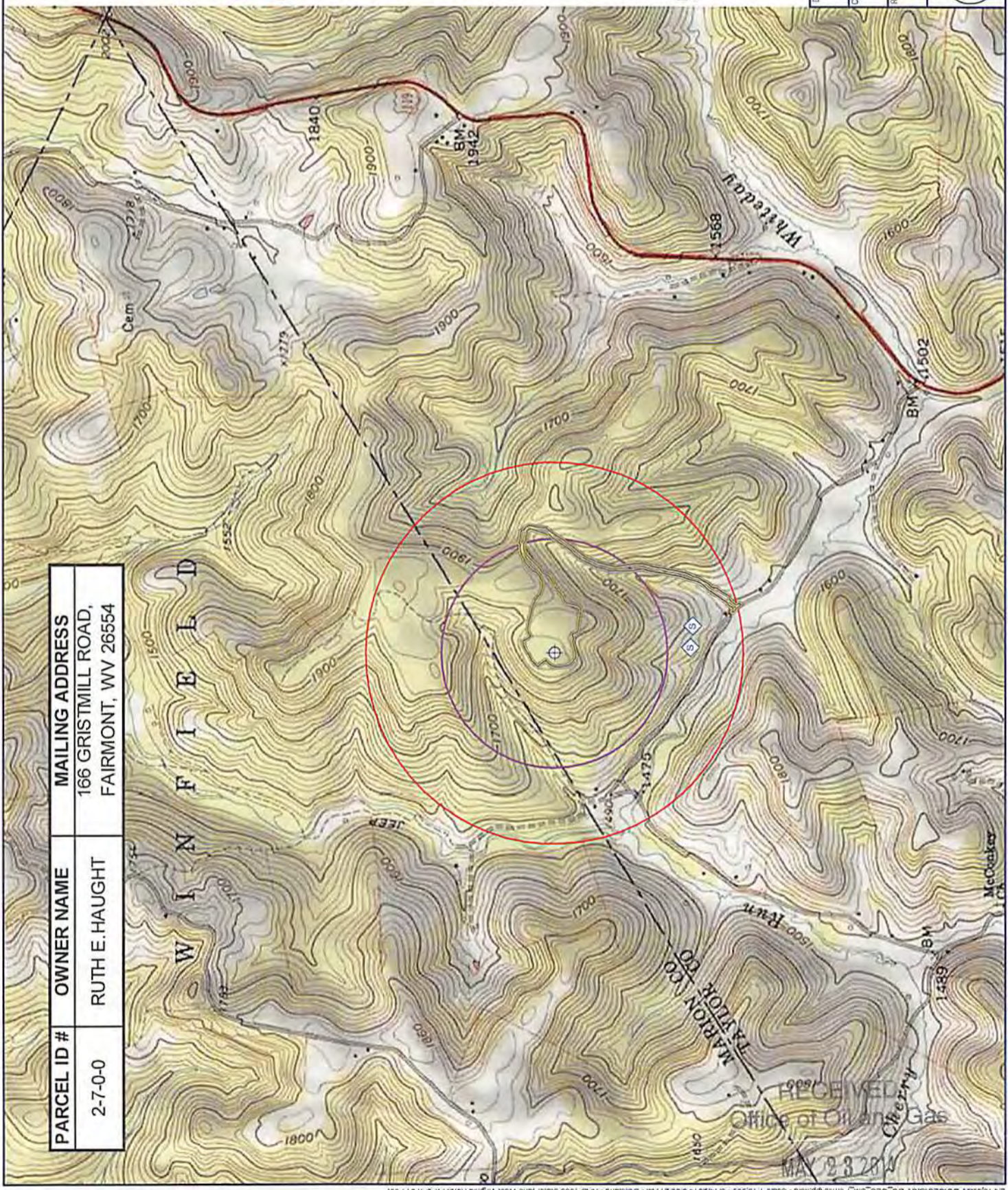
Legend

- Spring
- Well
- Oil/Gas Well
- Access Road
- 1,500 ft Buffer
- 2,500 ft Buffer

Notes:
1) No sources located within the 1,500' radius.

DRAFTED BY: DMC	SITE MAP OES R1HM, R3HM, R5HM	
CHECKED BY:	PDC MOUNTAINEER, LLC TAYLOR COUNTY, WV	
REVIEWED BY:	Groundwater & Environmental Services, Inc. 827 FAIRMONT ROAD, SUITE 201, MORGANTOWN, WV 26501	
NORTH	SCALE IN FEET 0 1,000	DATE 5-14-14
	FIGURE	

PARCEL ID #	OWNER NAME	MAILING ADDRESS
2-7-0-0	RUTH E. HAUGHT	166 GRISTMILL ROAD, FAIRMONT, WV 26554



L:\Projects\PDC\OES\GIS\OES\GIS\Map\15539 - 5/14/2014 8:53:21 AM - D:\land - MD 1983 State\lane West Virginia North FIPS 4701 Feet

WV Department of
Environmental Protection

08/29/2014