

SURVEYED LONGITUDE -80°09'08.59"

7,710'

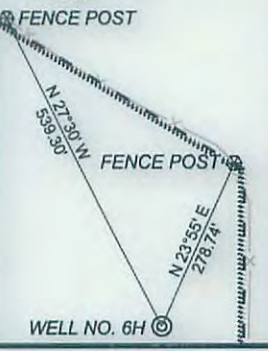
LATITUDE: 39°40'00"

NORTHEAST NATURAL ENERGY LLC MEPCO WELL NO. 6H LEASE NO. WV-061-003478-001

- NOTES ON SURVEY**
- NO OCCUPIED DWELLINGS OR BUILDINGS 2500 SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY WITHIN 625' OF THE CENTER OF THE WELL PAD WERE OBSERVED.
 - NO WATER WELLS OR DEVELOPED SPRINGS USED FOR HUMAN OR DOMESTIC ANIMAL CONSUMPTION WERE FOUND WITHIN 250'.
 - SURFACE OWNERSHIP TAKEN FROM THE MONONGALIA COUNTY TAX ASSESSOR AND COUNTY CLERK OFFICES IN OCTOBER, 2015.
 - WELL LATITUDE AND LONGITUDE FROM SURVEY GRADE VRS SOLUTIONS.
 - BEARINGS SHOWN ARE BASED UPON THE WV STATE PLANE COORDINATE SYSTEM, NAD 83 GRID NORTH ZONE.
 - LEASE INFORMATION PROVIDED BY NORTHEAST NATURAL ENERGY LLC.
 - PARCEL AND LEASE BOUNDARY LOCATIONS ARE APPROXIMATE AND BASED UPON RELEVANT GIS INFORMATION, FIELD LOCATION BOUNDARY EVIDENCE AND DEED DESCRIPTIONS.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

REFERENCES 1"=300'



MEPCO PAD LAYOUT



WV-061-003478-001

SURFACE HOLE WELL NO. 6H

SCALE: 1" = 2000'

061-00578
061-00582

061-00443
WELL NO. 6H

061-00856
061-00433
061-00442
061-00525
061-00247

LANDING POINT
WV-061-0012877-001

WV-061-004002-000

WV-061-001107-000

WV-061-002305-001

ID	BEARING	DISTANCE
L1	N 56°38' W	1652.17'
L2	N 44°17' W	916.53'
L3	N 53°42' E	291.08'

LEASING BOUNDARY
OUTER LEASE BOUNDARY
SURFACE BOUNDARY
CREEK/STREAM
ROADS
PROPOSED LATERAL
PERMITTED LATERAL
500' LATERAL OFFSET
EXISTING FENCE LINE
EXISTING GAS WELL (active)
EXISTING GAS WELL (plugged)
EXISTING GAS WELL (abandoned)
GAS WELL (never drill)
FOUND MONUMENT (as noted)

TOP HOLE (UTM NAD 83)	N) 4390682.04 E) 572707.07
LANDING POINT (UTM NAD 83)	N) 4390703.40 E) 573003.15
BOTTOM HOLE (UTM NAD 83)	N) 4388657.58 E) 574355.03

600 Marketplace Avenue, Suite 200
 Bridgeport, WV 26330
 Toll Free 855-488-9539
 Fax 304-933-3327
Civil & Environmental Consultants, Inc.



DATE DECEMBER 21, 2015
 SCALE 1" = 1600' ACCURACY 1:2500
 OPERATORS
 WELL No. 6H
47 - 061 - 01745
 API No.

TYPE OF WELL:

GAS:
 Production Storage *Deep *Shallow

PROPOSED WORK ON LOCATION:

Drill Drill Deeper Redrill Convert
 Fracture/ Stimulate *Plug off to Formation
 Perforate New Formation Plug and Abandon
 Clean/ Replug Other Than Above
 If "Other" Please see Details below—
 DETAILS OF PROPOSED WORK _____

*TARGET FORMATION MARCELLUS
 ESTIMATED DEPTH TVD: 8,222' TMD: 16,854.49'

WELL OPERATOR NORTHEAST NATURAL ENERGY LLC
 ADDRESS 707 VIRGINIA STREET EAST, SUITE 1200
CHARLESTON, WV 25301



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 Division of Environmental Protection.

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



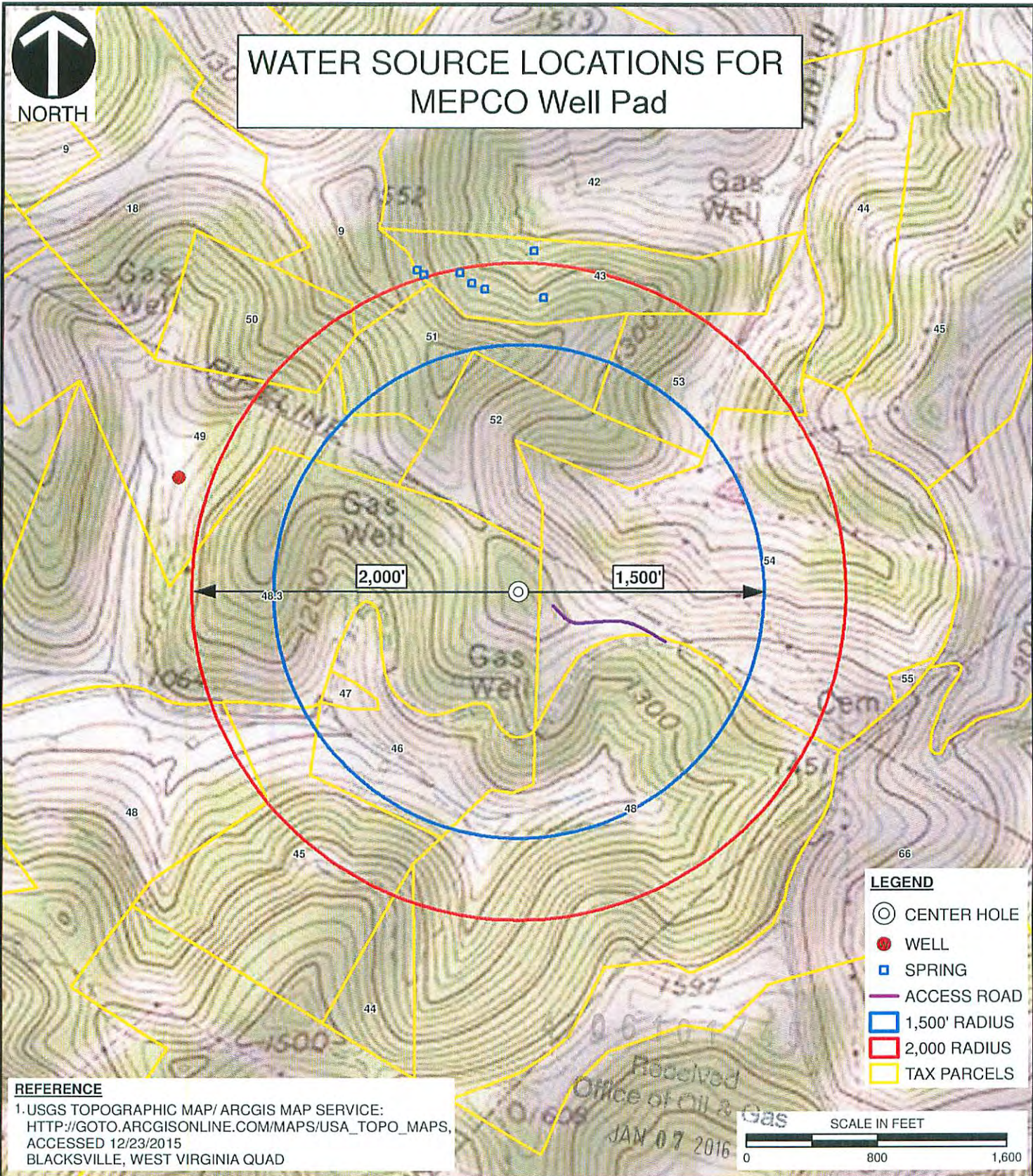
WELL AREA & LOCATION INFORMATION:

ELEVATION SOURCE DGPS (OPUS)
 ELEVATION 1453.44' (EXISTING), 1424.00' (PROPOSED)
 WATERSHED JAKES RUN OF DUNKARD CREEK DISTRICT 03/18/2016
 COUNTY MONONGALIA TOPO QUAD BLACKSVILLE
 SURFACE OWNER MEPCO LLC
 ACREAGE 103.49 ±
 ROYALTY OWNER GARY G. LORING, ET AL (LEASE NO. WV-061-003478-001)
 LEASE ACREAGE 546.98 ±

DESIGNATED AGENT JOHN ADAMS
 ADDRESS 707 VIRGINIA STREET EAST, SUITE 1200
CHARLESTON, WV 25301

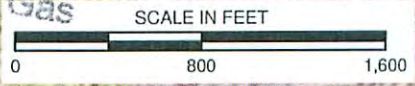


WATER SOURCE LOCATIONS FOR MEPCO Well Pad



- LEGEND**
- CENTER HOLE
 - WELL
 - SPRING
 - ACCESS ROAD
 - 1,500' RADIUS
 - 2,000 RADIUS
 - TAX PARCELS

REFERENCE
 1. USGS TOPOGRAPHIC MAP/ ARCGIS MAP SERVICE:
[HTTP://GOTO.ARCGISONLINE.COM/MAPS/USA_TOPO_MAPS](http://gto.arcgis.com/maps/usa_topo_maps),
 ACCESSED 12/23/2015
 BLACKSVILLE, WEST VIRGINIA QUAD



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Civil & Environmental Consultants, Inc.
 600 Marketplace Suite 200 - Bridgeport, WV 26330-2820
 Ph: 304-933-3119 Toll: 855-488-9539 Fax: 304-933-3327
www.cecinc.com

NORTHEAST NATURAL ENERGY LLC
 MEPCO PAD
 MONONGALIA COUNTY, WEST VIRGINIA

WATER SOURCES FOR MEPCO PAD

DRAWN BY: MAF	CHECKED BY: JDR	APPROVED BY: [*] Hand signature on file SAC*	FIGURE NO: WT
DATE: 12/21/2015	SCALE: 1" = 800'	PROJECT NO: 150-445.0021	08/18/2016