



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

March 06, 2015

WELL WORK PERMIT

Vertical Well

This permit, API Well Number: 47-6101705, issued to NORTHEAST NATURAL ENERGY LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: MIP SW
Farm Name: ENROUTE PROPERTIES, LLC
API Well Number: 47-6101705
Permit Type: Vertical Well
Date Issued: 03/06/2015

Promoting a healthy environment.

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours.
7. Well work activities shall not constitute a hazard to the safety of persons.
8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street, SE Charleston, WV 25304
(304)926-0499, Ext 1656

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
dep.wv.gov

January 22, 2015

Department of Environmental Protection
Office of Oil and Gas
Charleston, WV 25304

RE: Application for Deep Well Permit – API #47-061-01705

COMPANY: Northeast Natural Energy LLC

FARM: Enroute Properties LLC #MIP SW

COUNTY Monongalia DISTRICT: Grant QUAD: Morgantown South

The application for the above company is **approved to drill to Helderberg (vertical TEST)**.

The applicant has complied with the provision of Chapter 22C-9, of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

1. Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners; n/a
2. Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of all deep wells, well name, and the name and address of the operator; *see below
3. Provided a plat showing that the proposed location is a distance of 553 feet from the nearest lease line or **unit boundary** and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,

Cindy Raines
Executive Assistant

*47-061-01622 plugged back to Marcellus

WW - 2B
(Rev. 8/10)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Northeast Natural Energy LLC 494498281 Monongalia Grant Morgantown South
Operator ID County District Quadrangle

2) Operator's Well Number: MIP SW 3) Elevation: 1,070'

4) Well Type: (a) Oil _____ or Gas X
(b) If Gas: Production _____ / Underground Storage _____
Deep X / Shallow _____

5) Proposed Target Formation(s): Helderberg Proposed Target Depth: 8,000'

6) Proposed Total Depth: 8,000' Feet Formation at Proposed Total Depth: Helderberg

7) Approximate fresh water strata depths: 50', 450'

8) Approximate salt water depths: 1,600'

9) Approximate coal seam depths: 200', 225'

10) Approximate void depths, (coal, Karst, other): N/A

11) Does land contain coal seams tributary to active mine? No

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)

The MIP SW will be drilled to a depth of 8,000 ft. for the purposes of acquiring various geologic data and to be used for scientific observation.

13) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	13 3/8"	J-55	54.5	60'	60'	GTS
Fresh Water	9 5/8"	J-55	36	530'	500'	CTS
Coal						
Intermediate	7"	J-55	23	1,830'	1,800'	CTS
Production	4 1/2"	J-55	11.6	8,000'	7,970'	818 Cu. Ft.
Tubing						
Liners					Received	

Packers: Kind: _____

Sizes: _____

Depths Set _____

Office of Oil & Gas

DEC 29 2014

MJG/KC
12/15/2014

WW-2A
(Rev. 6-14)

1.) Date: 12/16/2014
2.) Operator's Well Number MIP SW
State County Permit
3.) API Well No.: 47- -

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

4) Surface Owner(s) to be served: 5) (a) Coal Operator
(a) Name Enroute Properties, LLC Name
Address 466 Christy Street, Suite 201 Address
Morgantown, WV 26505
(b) Name (b) Coal Owner(s) with Declaration:
Address Name Morgantown Industrial Park Associates, LP
 Address P.O. Box 1138
 Shepherdsville, KY 40165
(c) Name Name
Address Address
6) Inspector Gayne J. Knitowski (c) Coal Lessee with Declaration
Address P.O. Box 108 Name
Gormanian, WV 26720 Address
Telephone 304-546-8171

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas
OR

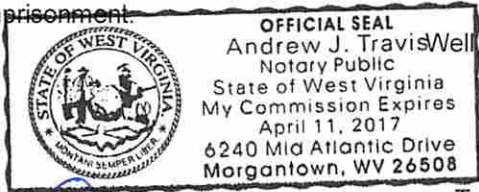
Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)
I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 20 on the above named parties by:

- Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Operator: Northeast Natural Energy LLC
By: Hollie Medlev *Hollie Medlev*
Its: Regulatory Coordinator
Address: 707 Virginia Street East, Suite 1200
Charleston, WV 25301
Telephone: 304-241-5752, ext. 7108
Email: hmedlev@nne-llc.com

Subscribed and sworn before me this 16th day of December, 2014

My Commission Expires April 11, 2017

Office of Oil & Gas
Notary Public
DEC 29 2014

Oil and Gas Privacy Notice

MIP SW

Surface Owner(s):

Enroute Properties, LLC ✓
c/o Glenn Adrian, member ✓
466 Christy Street, Suite 201
Morgantown, WV 26505

Coal Owner:

Morgantown Industrial Park Associates, LP ✓
c/o John R. Snider, president ✓
P.O. Box 1138
Shepherdsville, KY 40165

Water Sources to be Tested:

#1: Addivant USA, LLC ✓
c/o SK Capital Partners, III
Attn: Jack Norris
400 Park Avenue
New York, NY 10022

#2: Gary Lee Wade, et al ✓
c/o Joyce Dineen ✓
794 River Road
Morgantown, WV 26501

Received
Office of Oil & Gas

DEC 29 2014

6101705

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County Monongalia Operator Northeast Natural Energy LLC
Operator well number MIP SW

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure a dequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
2) The soil erosion and sediment control plan is not adequate or effective;
3) Damage would occur to publicly owned lands or resources;
4) The proposed well work fails to protect fresh water sources or supplies;
5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Signature
Print Name

Received
Office of Oil & Gas
Date
Company Name
By
DEC 29 2014

ENROUTE PROPERTIES, LLC
GROWN T. ADRIAN 11/26/14
MEMBER
Date
Signature
Date

6101705

WW-2A Coal Waiver

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Monongalia
Operator Northeast Natural Energy LLC Operator's Well Number MIP SW

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

To the coal operator, owner, or lessee named on page WW2-A. You are hereby notified that any objection you wish to make or are required to make by WV Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office. Mail objections to:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0499 extension 1654

WAIVER

The undersigned coal operator _____ / owner X / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

FOR EXECUTION BY A NATURAL PERSON

Signature Date

FOR EXECUTION BY A CORPORATION, ETC.

MORGANTOWN INDUSTRIAL PARK
Assoc. L.P.
Company Name John Sinder
By Gen. P.
Its 12-2-14 Date
John Sinder 12-2-14
Signature Date

Received
Office of Oil & Gas
DEC 29 2014

6101705

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County Monongalia

Operator Northeast Natural Energy LLC

Operator well number MIP SW

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

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- 3) Damage would occur to publicly owned lands or resources;
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I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Joyce Dineen
Signature

Date 12/2/14
Received

Company Name _____

Office of Oil & Gas

By _____

Date _____

Joyce Dineen

DEC 29 2014

Print Name

Signature

Date

Signature

MIP SW - Notice of Application

6101705

7013 3020 0002 3021 1465

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 5.75	0888
Certified Fee	3.30	03
Return Receipt Fee (Endorsement Required)	2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	\$ 11.75	11/25/2014

Sent To	Enroute Properties, LLC
Street, Apt. No.; or PO Box No.	c/o Glenn Adrian, member 466 Christy Street
City, State, ZIP+4	Suite 201 Morgantown, WV 26505

PS Form 3800, August 2005 See Reverse for Instructions

Received
Office of Oil & Gas
DEC 29 2014

6101705

7013 3023 3023 1434
4447 720E 2000 020E ETD2

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
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SHEPHERDSTOWN KY 40165
OFFICIAL USE

Postage	\$ 6.00	0888
Certified Fee	\$ 3.30	03
Return Receipt Fee (Endorsement Required)	\$ 2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 12.00	11/25/2014

Sent To

..... Morgantown Industrial Park Associates, LP
Street, Apt. No.,
or PO Box No.
City, State, ZIP+4 Shepherdsville, KY 40165

Received
Office of Oil & Gas
DEC 29 2014

6101705

7013 3020 0002 3021 1441
7013 3020 0002 3021 1441

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NEW YORK NY 10022

OFFICIAL USE

Postage	\$ 6.00	0888
Certified Fee	\$3.30	03
Return Receipt Fee (Endorsement Required)	\$2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 12.00	11/25/2014

<i>Sent To</i>	Addivant USA, LLC	
<i>Street, Apt. No.; or PO Box No.</i>	c/o SK Capital Partners, III	
<i>City, State, ZIP+4</i>	Attn: Jack Norris 400 Park Avenue New York, NY 10022	

PS Form 3800, August 2006 See Reverse for Instructions

Received
Office of Oil & Gas
DEC 29 2014

6101705

7013 3020 0002 3021 1458
PS4T T20E 2000 0202 ET02

U.S. Postal Service™
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For delivery information visit our website at www.usps.com

MORGANTOWN WV 26501
OFFICIAL USE

Postage	\$ 5.75	0888
Certified Fee	3.30	03
Return Receipt Fee (Endorsement Required)	2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	\$ 11.75	11/25/2014

<i>Sent To</i>	Gary Lee Wade, et al	<input checked="" type="checkbox"/>
<i>Street, Apt. No., or PO Box No.</i>	c/o Joyce Lyn Dineen 794 River Road	
<i>City, State, ZIP+4</i>	Morgantown, WV 26501	

PS Form 3800, August 2006 See Reverse for Instructions

Received
Office of Oil & Gas
DEC 29 2014

6101705

WW-2A1
(Rev. 1/11)

Operator's Well Number MIP SW

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that -

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
See Attachment	See Attachment	See Attachment	See Attachment

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

Received
Office of Oil & Gas
DEC 29 2014

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

RECEIVED
Office of Oil and Gas

Signature

MAR 3 2015

WV Department of
Environmental Protection

Well Operator:
By: Its:

Hollie Medley
Northeast Natural Energy LLC
Hollie Medley, Regulatory Coordinator

6101705

WW-2A1 ATTACHMENT

WW-6A1

Operator's Well No. _____ MIP SW

NNE Lease No.	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page	Tax Map & Parcel
WV-061-000577-000	KBG Partners LLC	Northeast Natural Energy LLC	0.125 or greater	1420/581	13G-3
WV-061-000322-001	Enroute Properties, LLC	Northeast Natural Energy LLC	0.125 or greater	1420/577	13G-3

*See Attachment

Received
Office of Oil & Gas
DEC 29 2014

WW-2B1
(5-12)

Well No. MIP SW

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contactor chosen to collect sample.

Certified Laboratory Name	<u>REI Consultants, Inc. *this is subject to change based on fees and availability</u>
Sampling Contractor	<u>CORE Environmental Services, Inc. *this is subject to change based on fees and availability</u>

Well Operator	<u>Northeast Natural Energy LLC</u>
Address	<u>707 Virginia Street East - Suite 1200</u>
	<u>Charleston, WV 25301</u>
Telephone	<u>304.241.5752 Ext. 7108</u>

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

Received
Office of Oil & Gas

DEC 29 2014

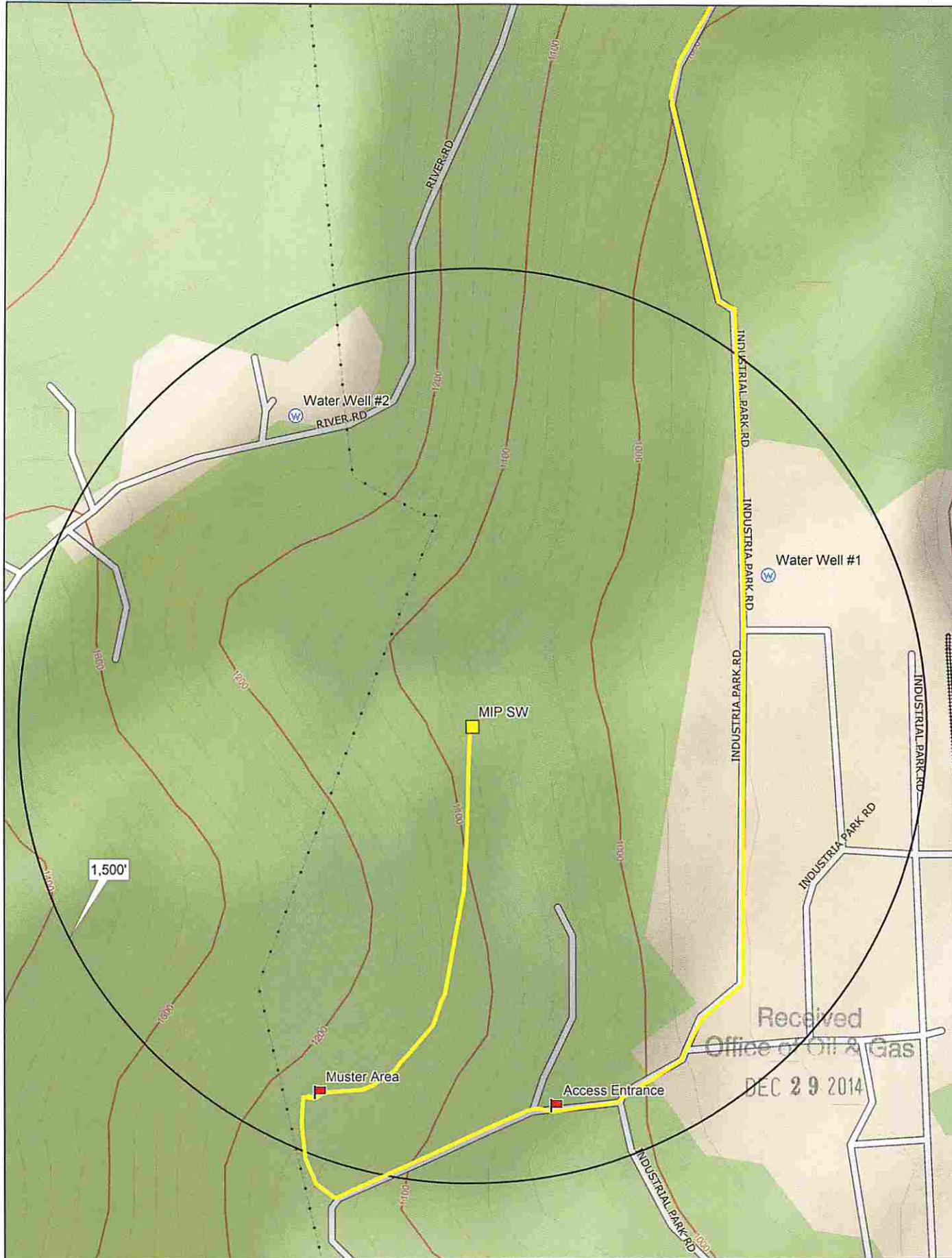
MIP SW

Water Sources to be Tested:

#1: Addivant USA, LLC
c/o SK Capital Partners, III
Attn: Jack Norris
400 Park Avenue
New York, NY 10022

#2: Gary Lee Wade, et al
c/o Joyce Dineen
794 River Road
Morgantown, WV 26501

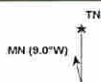
Received
Office of Oil & Gas
DEC 29 2014



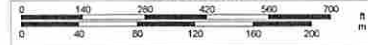
Data use subject to license.

© DeLorme, XMap® 7.

www.delorme.com



Scale 1 : 5,200



1" = 433.3 ft

Data Zoom 15-3

6101705

WW-9
(9/13)

API Number 47 - _____ - _____
Operator's Well No. MIP SW

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Northeast Natural Energy LLC OP Code 494498281

Watershed (HUC 10) Upper Monongahela River Quadrangle Morgantown South

Elevation 1,070' County Monongalia District Grant

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: N/A

Will a synthetic liner be used in the pit? Yes No If so, what ml.? N/A

Proposed Disposal Method For Treated Pit Wastes: N/A

- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Will closed loop system be used? If so, describe: Yes - See Attachment A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Air or Fresh Water

-If oil based, what type? Synthetic, petroleum, etc.

Additives to be used in drilling medium? Organophilic Clay Viscosifiers, Lime, Unsaturated Fatty Acids, CaCl, Barite, Emulsifiers, Mica LCM, Water Loss Agents

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Removed Offsite - See Attachment A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

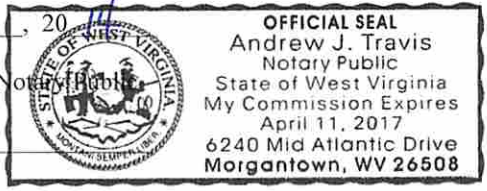
-Landfill or offsite name/permit number? See Attachment A

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Hollie Medley
Company Official (Typed Name) Hollie Medley
Company Official Title Regulatory Coordinator

Subscribed and sworn before me this 11th day of December
Andrew
My commission expires April 11, 2017



Form WW-9

Operator's Well No. MIP SW

Northeast Natural Energy LLC

Proposed Revegetation Treatment: Acres Disturbed 9.6 Prevegetation pH 4.5-8.0

Lime 2.0 Tons/acre or to correct to pH 6.5

Fertilizer type 10% Nitrogen, 20% Phosphate, 20% Potash

Fertilizer amount 500 lbs/acre

Mulch 3 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Kentucky Bluegrass	20	Kentucky Blue Grass	20
Red Top	20	Red Top	20
Common White Clover	15	Common White Clover	15

Attach:

Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Wayne J. Kmitnick

Comments: Verify distance to water well/funk. Also verify if public drinking source or intake

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Title: Inspector

Date: 12/15/2010

Field Reviewed? () Yes () No

Attachment A to WW-9

Northeast Natural Energy LLC ("NNE") plans to utilize a closed loop process for its drilling of the MIP SW well. Return flow from the well will be separated into its liquid and solid form. Liquids will be held in steel tanks and reused in the drilling process or disposed of at an approved facility listed below. Solids removed from the stream will be diverted to steel half-round tanks where they will be solidified on site and taken to disposal as they are accumulated.

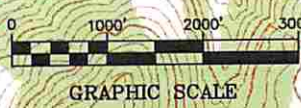
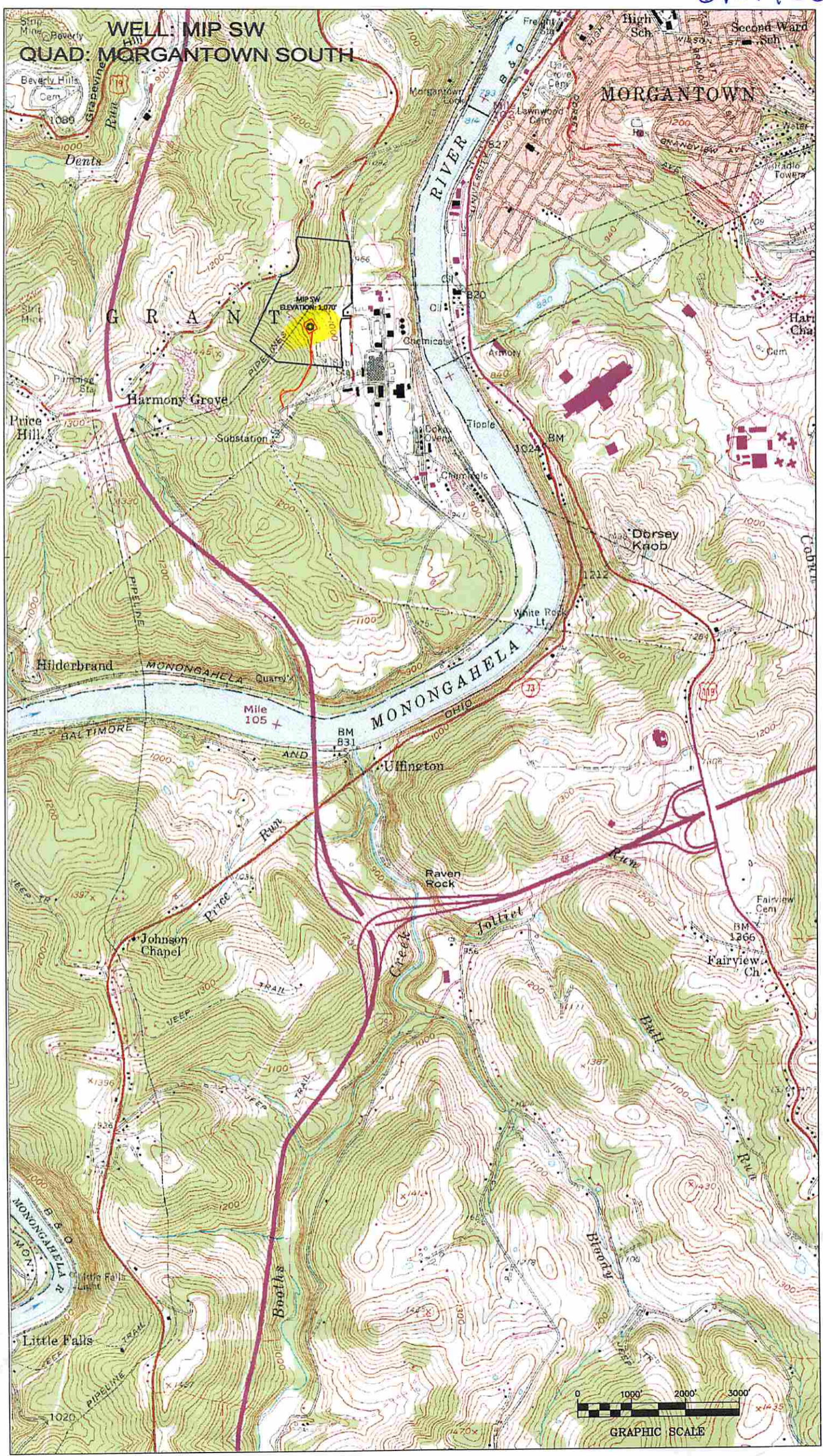
MIP SW Drill Cuttings will be taken to disposal at one or more of the following disposal/approved waste facilities, unless listed facilities are no longer approved to accept waste at time of disposal:

- Westmoreland Landfill (Tervita) – Belle Vernon, PA (Permit # 100277)
- Meadowfill Landfill (Waste Management) – Bridgeport, WV (Permit # SWF 103298)
- Max Environmental – Yukon, PA (PAD004835146 and 301071)
- Max Environmental – Bulger, PA (PAD059087072 and 301359)
- Chestnut Valley Landfill (Advanced Disposal) – Export, PA (Permit # 101421)

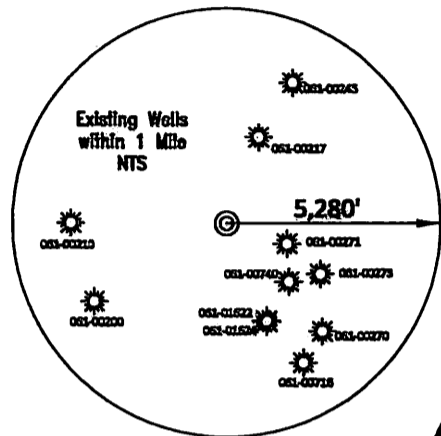
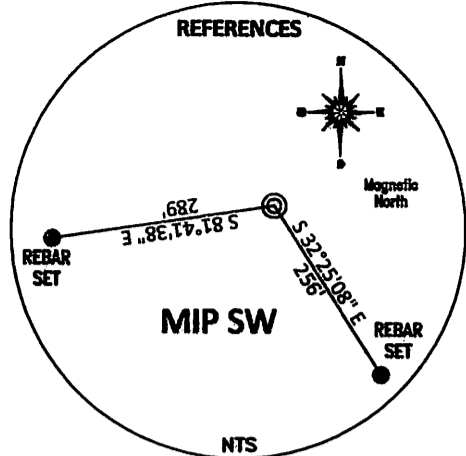
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WELL: MIP SW
QUAD: MORGANTOWN SOUTH



GRAPHIC SCALE



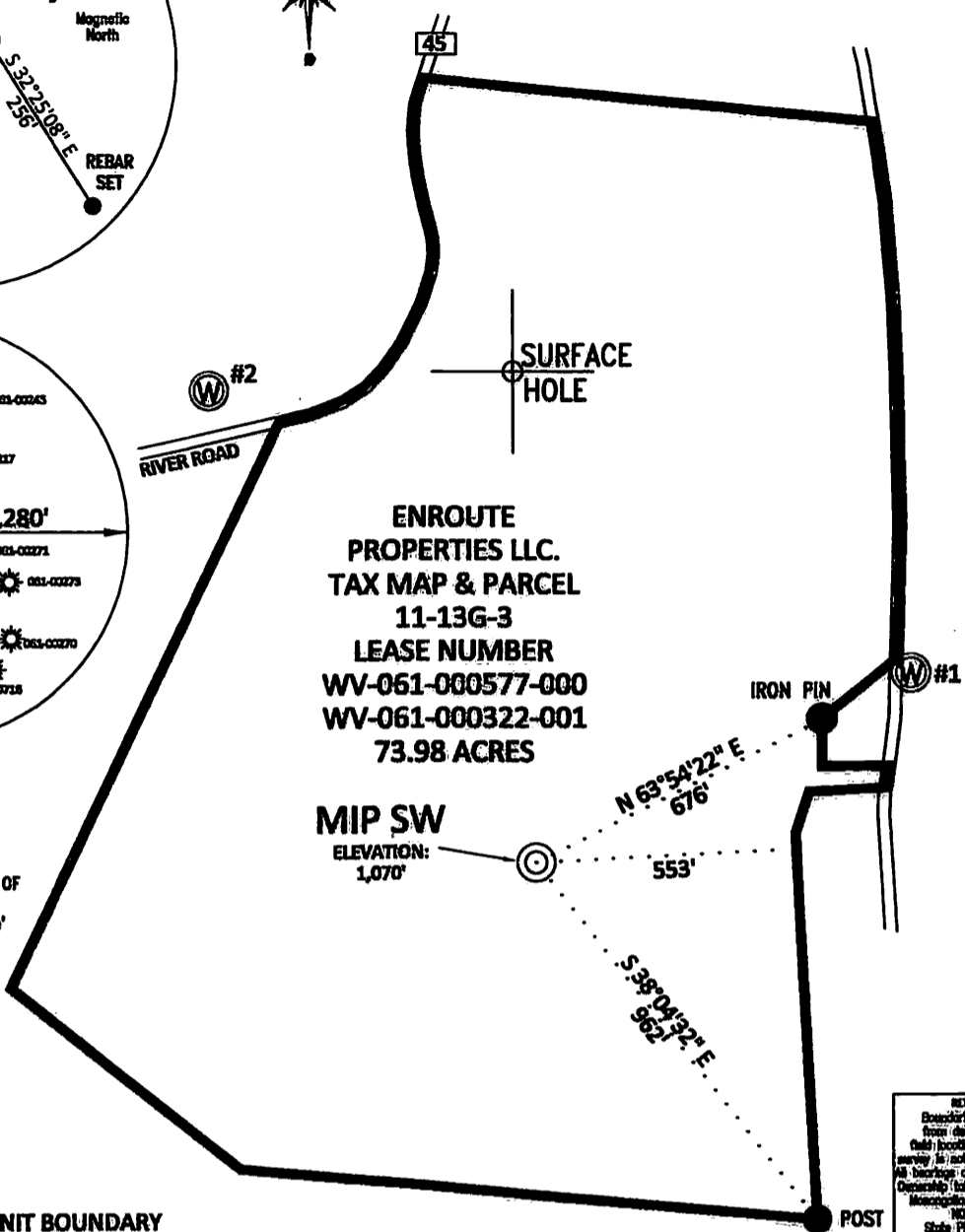
NO DWELLINGS FOUND WITHIN 850' OF THE CENTER OF THE WELL PAD.
 NO WATER WELLS FOUND WITHIN 250' OF THE CENTER OF WELL PAD.
 NO DEEP WELLS LOCATED WITHIN 3000' OF THE CENTER OF WELL.

WATER WELLS	
#1	N 63°35'08" E 889'
#2	N 34°44'27" W 1210'

LEGEND

- = UNIT BOUNDARY
- = TIE LINE TO UNIT BOUNDARY

TOP HOLE (UTM NAD 83)
 N) 4384844.7
 E) 587569.3



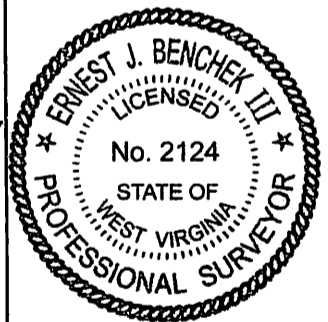
ENROUTE PROPERTIES LLC.
TAX MAP & PARCEL 11-13G-3
LEASE NUMBER WV-061-000577-000
WV-061-000322-001
73.98 ACRES

MIP SW
 ELEVATION: 1,070'

REFERENCE NOTES
 Boundaries on shown (shown from records, field notes, and field boundaries. A field boundary survey is not required for this. All bearings are based on true north. Ownership taken from public records Monongalia County, West Virginia NOVEMBER 2014 State Plane Coordinates & NAD 83 Lat/Long by differential subsurface mapping grade GPS provided by EAM.

FILE #: NNE004
 DRAWING #: 2453
 SCALE: 1"=400'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: GRADE GPS

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.
 Signed: [Signature]
 L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

DATE: JANUARY 7, 2015
 OPERATOR'S WELL #: MIP SW
 API WELL #: 47 61 01705
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow
 WATERSHED: UPPER MONONGAHELA RIVER ELEVATION : 1,070'
 COUNTY/DISTRICT: MONONGALIA/GRANT QUADRANGLE: MORGANTOWN SOUTH
 SURFACE OWNER: ENROUTE PROPERTIES LLC. ACREAGE: 73.98 +/-
 OIL & GAS ROYALTY OWNER: ENROUTE PROPERTIES LLC. ACREAGE: 73.98 +/-
 LEASE NUMBERS: _____

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____
 TARGET FORMATION: HELDERBERG ESTIMATED DEPTH: TVD: 8,000' TMD: 8,000'
 WELL OPERATOR : NORTHEAST NATURAL ENERGY LLC DESIGNATED AGENT : JOHN ADAMS
 ADDRESS: 707 VIRGINIA STREET - SUITE 1200 ADDRESS: 707 VIRGINIA STREET - SUITE 1200
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

6101705



northeast
NATURAL ENERGY

MSK
12/15/2014

MIP SW
SITE SAFETY PLAN

October 26, 2014

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SITE NAME MIP SW

COUNTY Monongalia

ACCESS ROAD ENTRANCE N39° 39' 10.22" , E -79° 58' 28.30" (NAD 83)

N 4384179.85, E 588039.81(NAD 83 UTM)

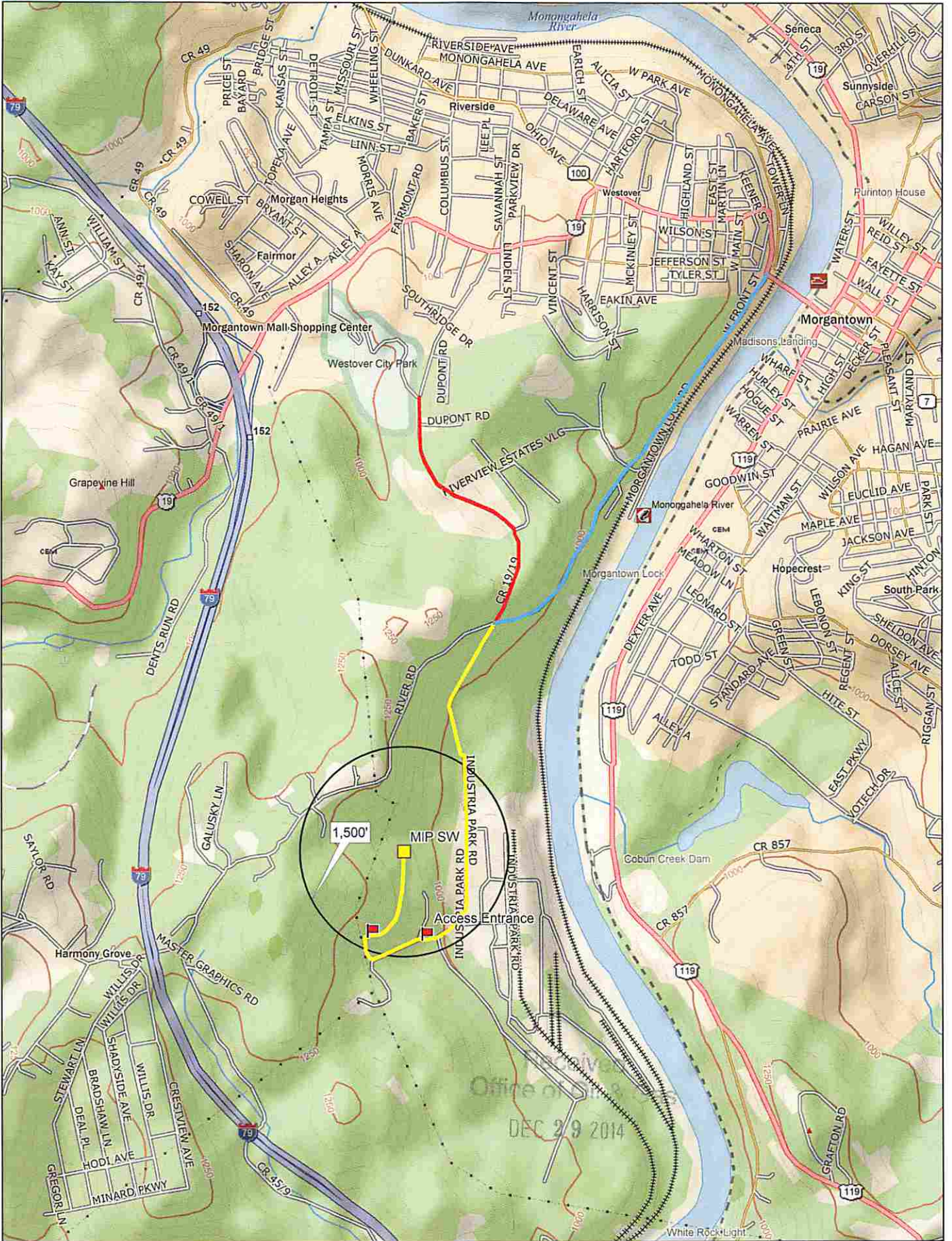
DIRECTIONS TO SITE:

From Westover, Take Fairmont Road to DuPont Road (CR 19/19), Follow DuPont Road (CR 19/19) for approximately 1.3 miles, Continue straight onto Industrial Park Road for approximately 0.8 miles, Turn right onto Industrial Park Road for approximately 0.1 miles, Turn right onto Industrial Park Road for approximately 0.1 miles, The MIP Well Pad Access Entrance will be on your right.

or

From Morgantown, Cross the Westover Bridge heading toward Westover, turn left onto River Road for approximately 1.3 miles, Turn left onto Industrial Park Road for approximately 0.8 miles, Turn right onto Industrial Park Road for approximately 0.1 miles, Turn right onto Industrial Park Road for approximately 0.1 miles, The MIP Well Pad Access Entrance will be on your right.

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www.delorme.com



Scale 1 : 22,400



1" = 1,866.7 ft Data Zoom 13-2

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Introduction

Northeast Natural Energy LLC (“NNE”) is an oil and gas exploration and production company with company headquarters located at the following address:

Northeast Natural Energy LLC
707 Virginia Street East, Suite 1200
Charleston, WV 25301

And a Field Operations Office located at the following address:

Northeast Natural Energy LLC
48 Donley Street, Suite 601
Morgantown, WV 26501

NNE is committed to protecting the people, property, and resources of the company and of the communities in which it works by establishing a safe and healthy work environment that is free from recognized hazards and complies with all local, state and federal regulations.

This Plan will be reviewed annually and may be subject to revision and/or update whenever any of the following occur:

- An incident occurs.
- A new chemical or process is utilized onsite.
- Existing processes are modified significantly.
- Regulations are revised significantly.
- The current Plan fails in an emergency situation.
- Changes in emergency response equipment occur.
- Changes in internal and external emergency resources occur.

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TABLE OF CONTENTS

- 1 – Contacts, Schedules and Meetings**
- 2 – Maps and Diagrams**
- 3 – Well Work**
- 4 – Chemical Inventory & MSDS**
- 5 – BOP and Well Control**
- 6 – Hydrogen Sulfide (H₂S)**
- 7 – Flaring**
- 8 – Collision Avoidance**
- 9 – Deep Well Additional Requirements**

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1

Contacts, Schedules and Meetings

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A. NORTHEAST NATURAL ENERGY LLC CONTACTS:

24 hour emergency number 1-866-207-1846

Construction/Reclamation

- Mike Shreve – Construction Coordinator 304.918.3050
- Dave McDougal – Manager of Civil Engineering 304.941.5033
- Brett Loflin – VP of Regulatory Affairs 304.414.7063

Drilling/Completion

- Ian Costello – Drilling Engineer 304.610.9764
- Jay Hewitt – Drilling Manager 304.382.1825
- Zack Arnold – Manager of Operations 304.203.8059

Production

- Ryan Warner – Production Engineer 304.777.3287
- Zack Arnold – Manager of Operations 304.203.8059

B. EMERGENCY CONTACTS :

In the case of an emergency call 911

1. OPERATOR CONTACTS

- 24 hour emergency number 1-866-207-1846

2. DRILLING CONTRACTORS

- Performance Drilling 304.553.2180
- Pioneer Drilling 570.465.2151

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KEY CONTRACTORS AND VENDORS

- Baker Hughes – Cement/Pumping 724.743.9208
- Halliburton – Cement/Pumping 888.223.4255
- Schlumberger – Logging/Cement 724.820.3360

3. WV DEP/ OFFICE OF OIL AND GAS

Pollution and Emergency Spills 1-800-642-3074

- James Martin – Chief 304.926.0499 Ext. 1654
- Gayne Knitowski – Inspector 304.546.8171
- Joe McCourt– WV DEP Northern Inspector Supervisor 304.380.2467

4. LOCAL EMERGENCY RESPONSE UNITS

FIRE DEPARTMENTS

- Westover Volunteer 304.296.0840

AMBULANCE / EMS

- MON EMS 304.599.0650
- JAN-CARE 304.296.9700

LIFE FLIGHT AMBULANCE SERVICE (HELICOPTER)

- Angel MedFlight 866.604.8307

STATE POLICE

- Morgantown Detachment 304.285.3200

COUNTY POLICE

- Monongalia Sheriff 304.291.7290

5. LOCAL ER PERSONNEL

HOSPITAL

- Ruby Memorial (trauma 1) 304.598.4000
- Monongalia General (trauma 4) 304.598.1200

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Database Used to Determine:

Coal

WV Geologic Survey at <http://www.wvgs>

Adjacent wells identified as the MIP 4H (47-061-01622) and MIP 6H (47-061-01624)

Permits

WV Copy at <http://www.wvcopy.com>

WV Geologic Survey at <http://www.wvgs>

WV DEP

Boundaries

Boundaries are taken from deeds, tax maps and field locations.

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RESIDENTS

MAP #	Name	Physical Address	Phone Number	LONG	LAT
1	Dianna Johnson	2 Mescal Lane, Morgantown, WV 26501	N/A	-79.97485738	39.61812097
2	Andrew Rafus	778 Dupont Road, Morgantown, WV 26501	304-296-2466	-79.97514858	39.61969747
3	William Rafus	774 Dupont Road, Morgantown, WV 26501	304-292-6813	-79.97612659	39.61963984
4	Karen Rogers	1971 Dents Run Road, Morgantown, WV 26501	304-983-2763	-79.99188268	39.61704333
5	Randall and Alicia Murray	1995 Dents Run Road, Morgantown, WV 26501	304-983-2321	-79.99275146	39.61624246
6	Junior Chisler	177 Vine Street, Westover, WV 26501	304-983-2738	-79.99442374	39.61613532
7	Brenda Chisler	178 Vine Street, Westover, WV 26501	304-983-2738	-79.9958999	39.61633984
8	R&R Lease Hold Properties, LLC	14 Lower Hildebrand Road, Morgantown, WV 26501	304-842-6611	-79.99546867	39.61643788
9	Junior & Joyce Chisler	2041 Dents Run Road, Morgantown, WV 26501	304-983-2339	-79.99402054	39.61609686
10	Donald & Katherine Brafford,	520 Hornbeck Road, Morgantown, WV 26508	304-292-3289	-79.99458212	39.61569468
11	Evelyn Donovan	2032 Dents Run Blvd, Morgantown WV 26501	304-983-2998	-79.99449039	39.61653311
12	Barbara Bruce	37 Price Hill Road, Morgantown, WV 26501	304-296-1831	-79.99702096	39.60313145
13	Esther Wilson	2032 Eugenia Avenue, Morgantown, WV 26501	304 241-1896	-79.99673843	39.60284525
14	Ernest & Twila Park	49 Price Hill Road, Morgantown, WV 26501	304-292-6939	-79.99578235	39.60243434
15	Dorothy Moore	28 Price Hill Road, Morgantown, WV 26501	304-292-7946	-79.99702837	39.60356969
16	Gregory & Tanya Aucremanne	1229 River Road, Morgantown, WV 26505	304-296-0245	-79.9970729	39.60415475
17	Shawnda Cook	1237 River Road, Morgantown, WV 26501	304-296-8443	-79.99733918	39.60446443
18	Joyce Blosser	1251 River Road, Morgantown, WV 26501	304-292-6094	-79.9977448	39.60475624
19	Joy Forman	Route 2 Box 22, Morgantown, WV 26505	304-292-0147	-79.99747803	39.60521244
20	Ronald & Joann Forman	20 Saylor Road, Morgantown, WV 26501	304-296-2379	-79.99784062	39.6061679
21	Joy Forman	1249 River Road, Morgantown, WV 26501	304-292-0147	-79.99628142	39.60678115
22	River Road Land Trust	777 N. Rainbow Blvd. #250, Las Vegas, NV 89107	N/A	-79.99629526	39.60575032
23	Joan & Kyle Linscheid	1256 River Road, Morgantown, WV 26501	304-292-2335	-79.9966115	39.60617134
24	William & Diana Moore	708 Powell AVE Morgantown, WV 26505	304-291-5472	-79.99222689	39.60570708
25	Columba & Jacintha Nwoko	2116 Peach Street, Morgantown, WV 26505	304-292-2345	-79.99175224	39.60620363
26	Bruce Rollins	8 Old River Road, Morgantown, WV 26501	703-684-4049	-79.99068322	39.60744142
27	Hetrick Rentals LLC	Route 2 Box 22, Morgantown, WV 26505	304-291-2835	-79.99013412	39.60754047
28	Dorothy Dusenberry	1016 River Road, Morgantown, WV 26501	304-292-4778	-79.98986321	39.60774564
29	Dorothy Dusenberry	1017 River Road, Morgantown, WV 26501	304-292-4778	-79.98950055	39.60805969
30	Donzel & Nettie Carpenter	996 River Road, Morgantown, WV 26501	304-291-1217	-79.99052535	39.6087469
31	Donzel & Nettie Carpenter	996 River Road, Morgantown, WV 26501	304-291-1217	-79.99107407	39.60904479
32	Donzel & Nettie Carpenter	996 River Road, Morgantown, WV 26501	304-291-1217	-79.99155953	39.60968821
33	Charles J. Galusky	9 Galusky Lane, Morgantown, WV 26501	304-381-2791	-79.98938143	39.60880097
34	Charles E & Kimberly Galusky	58 Galusky Lane, Morgantown, WV 26501	304-381-2791	-79.99087951	39.60982736
35	Timothy & Sherry McCord	45 Galusky Lane, Morgantown, WV 26501	304-381-2043	-79.9904074	39.60945602
36	David Puderbaugh & Wendy Thomas	968 River Road, Morgantown WV 26501	304-296-4636	-79.98898543	39.61151332
37	Philip Burge	869 River Road, Morgantown, WV 26505	304-291-5359	-79.98616889	39.60865267
38	Beverly Kirby	1025 River Road, Morgantown, WV 26501	304-292-2304	-79.98935789	39.60726987
39	James & Kathy Hamrick	1045 River Road, Morgantown, WV 26501	304-292-1916	-79.98972902	39.60684871
40	Donald & Linda Baer	1047 River Road, Morgantown, WV 26505	304-296-4068	-79.98990124	39.60643042
41	Harold Guthrie	21 Old River Road, Morgantown, WV 26501	304-292-1879	-79.99089275	39.60646754
42	Alton Myers	1538 Summers School Road, Morgantown, WV 26508	304-379-3114	-79.99114904	39.60629913
43	William & Anna Lanham	123 Brentwood Lane, Morgantown, WV 25143	304-776-4163	-79.99130801	39.60588998
44	Robert & Karen Devito	3111 River Road, Morgantown, WV 26505	304-296-1362	-79.99171805	39.60562938
45	Sharlene & Candace Fortney	27 Master Graphics Road, Morgantown, WV 26501-2315	304-292-2781	-79.98978033	39.60408156
46	Janet Burkle	216 River Road, Morgantown, WV 26501	304-293-5703	-79.99549067	39.60551849
47	Robert & Linda Carmody	1220 River Road, Morgantown, WV 26505	304-291-4564	-79.9944239	39.60582936
48	Cassie & Ryan Harvey	1214 River Road, Morgantown, WV 26501	304-662-6113	-79.99599889	39.60466813
49	Gregory Faber	367 Master Graphics Road, Morgantown, WV 26501	304-291-5361	-79.98511204	39.59538501
50	Richard Panico	333 Master Graphics Road, Morgantown, WV 26501	N/A	-79.98610014	39.59593856
51	Gregory Faber	367 Master Graphics Road, Morgantown, WV 26501	304-291-5361	-79.98583489	39.59567155
52	Joe Panico	310 Master Graphics Road, Morgantown, WV 26501	N/A	-79.98749918	39.59578612
53	Gorman Newman	401 Master Graphics Road, Morgantown, WV 26501	304-296-8531	-79.98380519	39.59483993
54	William Mayer	660 Callen Avenue, Morgantown, WV 26501	304-296-5933	-79.968545	39.61628832
55	Donn Ann Swartzfeger	670 Callen Avenue, Morgantown, WV 26501	304-291-1908	-79.96866382	39.61608765

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RESIDENTS

MAP #	Name	Physical Address	Phone Number	LONG	LAT
56	Michael Konchesky	708 Madigan Avenue, Morgantown, WV 26501	304-292-5396	-79.96825522	39.61535526
57	Helen Mayer	749 Madigan Avenue, Morgantown, WV 26501	304-296-3125	-79.9684602	39.61445238
58	Maria Alfieri	804 Elysian Avenue, Morgantown, WV 26501	304-599-5494	-79.96837669	39.61394867
59	Smith Rentals. LLC	426 Drummond Street, Morgantown, WV	304-322-1112	-79.96813968	39.6175472
60	John McCabe	721 West Virginia Avenue, Morgantown, WV 26501	304-296-3509	-79.96656168	39.61889766
61	Kimberly Matuga	504 Callen Avenue, Morgantown, WV 26501	304-864-6169	-79.96669883	39.61878811
62	Natalie Sal	449 Callen Avenue, Morgantown, WV 26501	304-296-8107	-79.96686354	39.61873446
63	Janet Sal	514 Callen Avenue, Morgantown, WV 26501	304-292-4366	-79.96685106	39.61860259
64	Karen S. Ice	516 Callen Avenue, Morgantown, WV 26501	304-337-8217	-79.96689984	39.61848158
65	Mary Ann S. Hopkins	524 Callen Avenue, Morgantown, WV 26501	304-292-1233	-79.96702064	39.61834687
66	MJM Holdings. LLC	606 Jefferson Street, Morgantown, WV 26505	304-376-2730	-79.96714609	39.6182199
67	Mary A Rye	540 Callen Avenue, Morgantown, WV 26501	304-296-8664	-79.96747342	39.61783028
68	William Rader	645 Callen Avenue, Morgantown, WV 26501	304-292-6560	-79.96772337	39.61753435
69	Brenda Ely	612 Callen Avenue, Morgantown, WV 26501	304-296-5661	-79.96790273	39.61728076
70	Eberhard Werner	640 Callen Avenue, Morgantown, WV 26501	304-292-2510	-79.96812836	39.61704343
71	MJM Holdings. LLC	606 Jefferson Street, Morgantown, WV 26505	304-376-2730	-79.9682406	39.6168723
72	Nicolene Roberts	652 Callen Avenue, Morgantown, WV 26501	304-241-4096	-79.96835559	39.6166936
73	Mary Templeton	653 Callen Avenue, Morgantown, WV 26501	304-292-4190	-79.96799933	39.61645318
74	William C. Rader	645 Callen Avenue, Morgantown, WV 26501	304-296-8664	-79.9674307	39.61805633
75	William C. Rader	645 Callen Avenue, Morgantown, WV 26501	304-296-8664	-79.96791267	39.61666682
76	Wilda Bradley	633 Callen Avenue, Morgantown, WV 26501	304-292-1809	-79.96768617	39.61686027
77	Stark Little, Doanda Wheeler Little	613 Callen Avenue, Morgantown, WV 26501	304-291-5599	-79.96756344	39.61704834
78	Suzanne E. Smith	609 Callen Avenue, Morgantown, WV 26501	304-292-9775	-79.96745494	39.61725197
79	Daniel Oziemblosky	605 Callen Avenue, Morgantown, WV 26501	724-966-7943	-79.96738502	39.61734391
80	Jonathan R. Cumming	601 Callen Avenue, Morgantown, WV 26501	304-296-0970	-79.96731757	39.61743591
81	James L. Bost Jr.	545 Callen Avenue, Morgantown, WV 26501	304-292-5123	-79.96717894	39.61765415
82	Philip Edwin Keeting	537 Callen Avenue, Morgantown, WV 26501	304-296-7917	-79.96693475	39.61792731
83	Jane M. Bowen	529 Callen Avenue, Morgantown, WV 26501	304-292-4224	-79.96677626	39.61801352
84	Beth A. Stafford	525 Callen Avenue, Morgantown, WV 265001	724-438-4076	-79.9667424	39.61813103
85	Mary Diann Murray	521 Callen Avenue, Morgantown, WV 26501	310-392-1412	-79.96663455	39.61824885
86	Micah D. Anthony	513 Callen Avenue, Morgantown, WV 26501	304-292-3172	-79.96645735	39.6183747
87	Kimberly Lynn Cordingly	511 Callen Avenue, Morgantown, WV 26501	304-291-4112	-79.9663859	39.61850857
88	Morley James McBee	509 Callen Avenue, Morgantown, WV 26501	304-296-5739	-79.96628791	39.6186266
89	Michael Roberts, Margaret Ann Roberts	500 Madigan Avenue, Morgantown, WV 26501	304-296-5842	-79.9659341	39.61838623
90	Michael Roberts, Margaret Ann Roberts	500 Madigan Avenue, Morgantown, WV 26501	304-296-5842	-79.96614189	39.6183011
91	Ashley A. Glock	528 Madigan Avenue, Morgantown, WV 26501	304-594-2923	-79.96635177	39.61788605
92	Lianne Zaltzman	532 Madigan Avenue, Morgantown, WV 26501	304-296-1298	-79.9664597	39.61776632
93	Michael W. Selmer	536 Madigan Avenue, Morgantown, WV 26501	304-296-0047	-79.96660746	39.61763602
94	Allan R. Liddle	544 Madigan Avenue, Morgantown, WV 26501	304-292-1088	-79.96674525	39.61744065
95	Soundra Kay Poling, Michael Fagert	600 Madigan Avenue, Morgantown, WV 26501	304-296-9561	-79.96690686	39.61726869
96	Ahmend Fakhri	606 Madigan Avenue, Morgantown, WV 26501	304-291-2981	-79.96698226	39.61716161
97	Angela M. Lacey	616 Madigan Avenue, Morgantown, WV 26501	304-296-1264	-79.96703726	39.61707316
98	Michael G. Morasco	624 Madigan Avenue, Morgantown, WV 26501	304-292-1263	-79.96712696	39.61697974
99	John DeProspero, Kimberly DeProspero	628 Madigan Avenue, Morgantown, WV 26501	304-291-5007	-79.96725736	39.61678421
100	Hugh R. Blaker, Janet K. Blaker	632 Madigan Avenue, Morgantown, WV 26501	304-296-7460	-79.96734453	39.61669264
101	Kristine M. Karner	648 Madigan Avenue, Morgantown, WV 26501	304-594-9372	-79.96748204	39.6165049
102	Justin W. Semack	656 Madigan Avenue, Morgantown, WV 26501	304-291-2109	-79.96755682	39.61641497
103	Tingler Rental Properties, LLC, (Scott Tingler)	652 Madigan Avenue, Morgantown, WV 26501	304-241-4068	-79.96769438	39.61629398
104	Nicklaua A. Oliver, Mary T. Oliver	112 Mississippi Street, Morgantown, WV 26501	304-292-8148	-79.96852263	39.61562341
105	Cord Incorporated	743 Madigan Avenue, Morgantown, WV 26501	304-296-8111	-79.96838898	39.61475269
106	Ergia Eva Liberatore Wright	717 Madigan Avenue, Morgantown, WV 26501	304-292-3296	-79.96812207	39.61504063
107	Eric Brown	669 Madigan Avenue, Morgantown, WV 26501	304-292-3296	-79.967552	39.61552797
108	Ergia Eva Liberatore Wright	669 Madigan Avenue, Morgantown, WV 26501	304-296-1812	-79.96772481	39.61559085
109	Timothy J. Stockdale	412 Callen Avenue, Morgantown, WV 26501	304-777-2083	-79.96760075	39.61567971
110	Brian C. Leggett, Tarra Y. Leggett	665 Madigan Avenue, Morgantown, WV 26501	304-949-4350	-79.96756019	39.61577801

RESIDENTS					
MAP #	Name	Physical Address	Phone Number	LONG	LAT
111	Edwin F. Bodkin Jr., Karen Ann Bodkin	655 Madigan Avenue, Morgantown, WV 26501	304-296-6732	-79.96742508	39.61596771
112	Matthew D. Solomon, Terri R. Solomon	653 Madigan Avenue, Morgantown, WV 26501	304-368-0221	-79.96733079	39.61605149
113	David Hauser	645 Madigan Avenue, Morgantown, WV 26501	304-284-8616	-79.9672469	39.61618891
114	Vaughan R. Myers	641 Madigan Avenue, Morgantown, WV 26501	304-241-1548	-79.96713746	39.61635056
115	Eric Bowen, Cari Carpenter	637 Madigan Avenue, Morgantown, WV 26501	304-296-1017	-79.96704817	39.61643254
116	Doris J. Calvert	633 Madigan Avenue, Morgantown, WV 26501	N/A	-79.96697318	39.61652819
117	Bruce E. Jenkins, Kelly R. Jenkins	629 Madigan Avenue, Morgantown, WV 26501	304-291-6117	-79.96689573	39.61662378
118	Cynthia Lynn Bucy, Robert Lee Bucy	625 Madigan Avenue, Morgantown, WV 26501	304-292-0521	-79.96680554	39.61673054
119	Brock A. Tetrick, Mandy D. Tetrick	605 Madigan Avenue, Morgantown, WV 26501	N/A	-79.96661412	39.61684082
120	Brock A. Tetrick, Mandy D. Tetrick	605 Madigan Avenue, Morgantown, WV 26501	N/A	-79.96659085	39.61700625
121	Jimmy Doss, Katherine M. Doss	230 Lawnwood Street, Morgantown, WV 26501	304-284-9916	-79.96614319	39.61683823
122	Richard A. Little, Charlotte Ann Little	612 Elysian Avenue, Morgantown, WV 26501	304-680-0491	-79.96624906	39.61670702
123	Goldie I. Jenkins	620 Elysian Avenue, Morgantown, WV 26501	304-292-5870	-79.96632425	39.61660565
124	Bonita Joann Meadows, Daniel Meadows	624 Elysian Avenue, Morgantown, WV 26501	304-291-3726	-79.96639636	39.61652139
125	Edward, T. Cesa, June D. Cesa	628 Elysian Avenue, Morgantown, WV 26501	304-292-6549	-79.96646635	39.61642755
126	Darren Jackson, Sherri Jackson	635 Elysian Avenue, Morgantown, WV 26501	304-594-3591	-79.96655797	39.61634943
127	Reagan P. Curtis, Sharleen L. Curtis	640 Elysian Avenue, Morgantown, WV 26501	304-241-4337	-79.96670419	39.61612563
128	Mark R. Clingan, Darlene T. Clingan	650 Elysian Avenue, Morgantown, WV 26501	304-296-0073	-79.96695689	39.61595755
129	Kathy Lynn Snyder, Elizabeth Ann Reese	656 Elysian Avenue, Morgantown, WV 26501	304-292-4473	-79.96697436	39.61574813
130	Jonathan Richie, Kayle Richie	664 Elysian Avenue, Morgantown, WV 26501	570-742-3325	-79.96715512	39.61559184
131	Scott J. Sonntag, Loriann Sonntag	668 Elysian Avenue, Morgantown, WV 265001	304-284-0638	-79.96730566	39.61552072
132	Michale Lee, Jennifer Marie Go	670 Elysian Avenue, Morgantown, WV 26501	304-291-2949	-79.96734677	39.61540717
133	Smith Rentals. LLC	426 Drummond Street, Morgantown, WV	304-322-1112	-79.96755956	39.61525158
134	Gabriele J. Votta, Edgar Brent Suite	712 Elysian Avenue, Morgantown, WV 26501	304-296-4950	-79.96765995	39.61493142
135	Donovan Monday, Lisa Monday	716 Elysian Avenue, Morgantown, WV 26501	304-296-1950	-79.96769627	39.61481396
136	Ralph A. Hofer, V. Faye	720 Elysian Avenue, Morgantown, WV 26501	304-292-5285	-79.96780015	39.61466935
137	Solomon D. Stanger	732 Elysian Avenue, Morgantown, WV 26501	204-296-8535	-79.96804187	39.61439613
138	Mary T. Reda, Davin Garth Watne	740 Elysian Avenue, Morgantown, WV 26501	304-296-4168	-79.96810216	39.61422959
139	Barbara Riley Boone	805 Elysian Avenue, Morgantown, WV 26501	304-292-3676	-79.96795895	39.61389462
140	James F. Taylor	741 Elysian Avenue, Morgantown, WV 26501	304-292-0958	-79.96780357	39.61409914
141	Bonnie F. Perkins, Dawna Perkins Hicks	733 Elysian Avenue, Morgantown, WV 26501	304-292-4598	-79.96767845	39.61428525
142	Rebecca K. Davis	725 Elysian Avenue, Morgantown, WV 26501	304-983-2267	-79.96747483	39.61446012
143	Terry Ramsey, Sheey Ramsey	715 Elysian Avenue, Morgantown, WV 26501	304-284-0121	-79.96734508	39.61456983
144	Smith Rentals. LLC	426 Drummond Street, Morgantown, WV	304-322-1112	-79.96713381	39.61503188
145	MJM Holdings. LLC	606 Jefferson Street, Morgantown, WV 26505	304-376-2730	-79.96723902	39.61485106
146	Phillip G. Coombs, Phyllis M. Coombs	713 Elysian Avenue, Morgantown, WV 26501	304-296-7831	-79.96727486	39.61473806
147	Antoinetta Forlini, Josephia M. Forlini	669 Elysian Avenue, Morgantown, WV 26501	304-292-5034	-79.96685002	39.61524125
148	Wendy Dillon	665 Elysian Avenue, Morgantown, WV 26501	304-241-1097	-79.96683436	39.61540112
149	Robert M. Maxon, Felicia E. Maxon	657 Elysian Avenue, Morgantown, WV 26501	304-293-4731	-79.96664558	39.6155744
150	Donna Meadowcroft	649 Elysian Avenue, Morgantown, WV 26501	304-292-3217	-79.96650395	39.61580783
151	John W. Ely	633 Elysian Avenue, Morgantown, WV 26501	304-291-6934	-79.96643923	39.61589226
152	Mark A. Yost, Linda G. Yost	641 Elysian Avenue, Morgantown, WV 26501	201-828-5818	-79.96628622	39.61596332
153	Beth Ann Dameier	637 Elysian Avenue, Morgantown, WV 26501	304-284-8615	-79.96630404	39.61608387
154	Cary K. Johnson	645 Elysian Avenue, Morgantown, WV 26501	304-291-6971	-79.96619442	39.61618257
155	Edwin Henry John	627 Elysian Avenue, Morgantown, WV 26501	304-296-6609	-79.96610506	39.61626646
156	Christine L. Wilcox, Leona M. Wilcox	619 Elysian Avenue, Morgantown, WV 26501	304-290-4607	-79.96605239	39.61635878
157	Jonathan Kimball	613 Elysian Avenue, Morgantown, WV 26501	571-217-7650	-79.96599732	39.61644913
158	Lennie Samsell	609 Elysian Avenue, Morgantown, WV 26501	304-292-9514	-79.96591029	39.61653689
159	Carl Lewis DeMedici, Diane F. DeMedici	300 Lawnwood Street, Morgantown, WV 26501	304-296-4768	-79.96578176	39.61668096
160	Jane G. Harvey	310 Lawnwood Street, Morgantown, WV 26501	304-296-8233	-79.96542517	39.61658548
161	Benjamin Tuel, Laura Tuel	612 West Virginia Avenue, Morgantown, WV 26501	304-293-8627	-79.96546909	39.61646246
162	Melody Wilkins	616 West Virginia Avenue, Morgantown, WV 26501	304-292-1549	-79.96554107	39.61638201
163	Julia F. Christopher	620 West Virginia Avenue, Morgantown, WV 26501	304-296-2138	-79.9656216	39.61626932
164	George Darren Taylor	624 West Virginia Avenue, Morgantown, WV 26501	304-980-2376	-79.96569392	39.61617934
165	John E. Laughlin	628 West Virginia Avenue, Morgantown, WV 26501	N/A	-79.96574673	39.61608321

Registered Gas
 Office of Public Gas
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RESIDENTS					
MAP #	Name	Physical Address	Phone Number	LONG	LAT
166	Michael D. Slaven	632 West Virginia Avenue, Morgantown, WV 26501	304-265-0019	-79.96583123	39.61599731
167	Penny Lee Pugh	636 West Virginia Avenue, Morgantown, WV 26501	304-296-8527	-79.96589671	39.61589192
168	Sarah E. Miles	640 West Virginia Avenue, Morgantown, WV 26501	604-872-0456	-79.96597093	39.61581724
169	Jennifer S. Wagner	652 West Virginia Avenue, Morgantown, WV 26501	304-292-4616	-79.96614988	39.61557509
170	Avery F. Gaskins, Norma Jo Gaskins	644 West Virginia Avenue, Morgantown, WV 26501	304-292-4814	-79.96607406	39.6156936
171	John J. Sottile, Donna M. Sottile	656 West Virginia Avenue, Morgantown, WV 26501	304-291-3753	-79.966247	39.61541317
172	Virgil Edwin Boone, Danita Marie Boone	660 West Virginia Avenue, Morgantown, WV 26501	304-292-3676	-79.96629735	39.61531699
173	Alyse Marie Schrecongost	664 West Virginia Avenue, Morgantown, WV 26501	517-231-3501	-79.96636303	39.61520588
174	Virginia A. Keener	668 West Virginia Avenue, Morgantown, WV 26501	304-599-4063	-79.96652992	39.61515991
175	Virginia A. Keener	668 West Virginia Avenue, Morgantown, WV 26501	304-599-4063	-79.9665828	39.61506188
176	Anita J. Smith DeBolt	670 Elysian Avenue, Morgantown, WV 26501	304-291-6082	-79.96686029	39.61468645
177	Green Properties, LLC	1006 Marcus Drive, Morgantown, WV 26505	304-692-5845	-79.96681598	39.61454816
178	Peggy B. Johnson	724 West Virginia Avenue, Morgantown, WV 26501	304-292-8002	-79.96714024	39.61431106
179	William P. Stockwell	728 West Virginia Avenue, Morgantown, WV 26501	N/A	-79.96709881	39.61416139
180	Emily Jean Moll	732 West Virginia Avenue, Morgantown, WV 26501	304-253-6267	-79.96725865	39.61410573
181	Tina Marie Sager	736 West Virginia Avenue, Morgantown, WV 26501	304-296-2807	-79.96731118	39.61401723
182	Heather S. Stickler	740 West Virginia Avenue, Morgantown, WV 26501	304-682-4657	-79.96744072	39.61391323
183	Fatt Keystone Irrevocable Trust	804 West Virginia Avenue, Morgantown, WV 26501	N/A	-79.96750758	39.61376973
184	Terri Lynn Dickerson	733 West Virginia Avenue, Morgantown, WV 26501	304-361-4009	-79.96687733	39.61394488
185	Terri Lynn Dickerson	733 West Virginia Avenue, Morgantown, WV 26501	304-361-4009	-79.96675099	39.61409662
186	John L. McCabe	721 West Virginia Avenue, Morgantown, WV 26501	304-296-3509	-79.96666539	39.61421302
187	John L. McCabe	721 West Virginia Avenue, Morgantown, WV 26501	304-296-3509	-79.96662216	39.61431698
188	Todd W. Queen	711 West Virginia Avenue, Morgantown, WV 26501	304-296-3682	-79.96654006	39.61440484
189	Lambrini & Christina Pizanas	703 West Virginia Avenue, Morgantown, WV 26501	304-296-4419	-79.9663779	39.61459205
190	Michael Commodore	625 Astor Avenue, Morgantown, WV 26501	304-864-4136	-79.96593312	39.61516031
191	Matthew & Sarah Wolfe	653 West Virginia Avenue, Morgantown, WV 26501	814-724-3554	-79.96581178	39.61531026
192	Tanya Headley	647 West Virginia Avenue, Morgantown, WV 26501	304-290-7120	-79.9657159	39.61543787
193	Thomas Gillespie	645 West Virginia Avenue, Morgantown, WV 26501	304-292-0803	-79.96564879	39.61552034
194	Lila Thomas	641 West Virginia Avenue, Morgantown, WV 26501	910-798-8940	-79.96557113	39.61562165
195	Eric McEwuen & Jessie Reckhart	633 West Virginia Avenue, Morgantown WV 26501	304-292-5092	-79.96543382	39.61580367
196	Bonetta Witmyer	627 West Virginia Avenue, Morgantown WV 26501	972-563-2934	-79.96535863	39.61590503
197	Zachary Barker	619 West Virginia Avenue, Morgantown, WV 26501	304-292-8276	-79.96526157	39.61606505
198	Richard Little	613 Callen Avenue, Morgantown, WV 26501	304-291-5599	-79.96517781	39.61619865
199	Twyman Estates LLC	364 Patteson Drive #312, Morgantown WV 26501	304-692-5949	-79.96501146	39.61643345
200	Anita Lawson	545 West Virginia Avenue, Morgantown, WV 26501	304-291-6123	-79.9649086	39.61654947
201	Joshua & Tara Cook	541 West Virginia Avenue, Morgantown, WV 26501	N/A	-79.96483236	39.61667941
202	Ian & Sara Lunden	525 West Virginia Avenue, Morgantown, WV 26501	304-241-1544	-79.96455145	39.61701281
203	Laura Farina & Catherine Gouge	532 Madison Avenue, Morgantown, WV 26501	304-292-2071	-79.96433948	39.61680603
204	James & Margaret Frymyer	532 Delaware Avenue, Morgantown, WV 26501	304-296-6949	-79.96443393	39.61664978
205	Barbara Warsinsky	548 Madison Avenue, Morgantown, WV 26501	304-242-2792	-79.96456344	39.61647903
206	Mark & Sandra Rogers	540 Madison Avenue, Morgantown, WV 26501	304-292-6492	-79.96413308	39.61651355
207	Jeremiah & Kalie Perdue	544 Madison Avenue, Morgantown, WV 26501	N/A	-79.96428032	39.61632983
208	Barbara Warsinsky	548 Madison Avenue, Morgantown, WV 26501	304-242-2792	-79.9643879	39.61621964
209	Christopher Zannier	556 Madison Avenue, Morgantown, WV 26501	304-292-1881	-79.96455787	39.61602115
210	Margaret G. Schmezer	310 Vorbach Drive, Morgantown, WV 26501	304-292-6868	-79.96493051	39.61601399
211	Bridgette & Christy Campbell	560 Madison Avenue, Morgantown, WV 26501	304-296-0352	-79.9646634	39.61589947
212	James D Barnes	564 Madison Avenue, Morgantown, WV 26501	304-284-9279	-79.96476105	39.61579097
213	Thomas Harman	600 Madison Avenue, Morgantown, WV 26501	304-296-5617	-79.96491031	39.6156874
214	Ann Pickett	632 Madison Avenue, Morgantown, WV 26501	304-292-2225	-79.96499616	39.61563205
215	Kevin & Anne Carroll	636 Madison Avenue, Morgantown, WV 26501	304-243-1975	-79.96505172	39.61552835
216	Alfred & Lydia Heck	640 Madison Avenue, Morgantown, WV 26501	304-296-5176	-79.96515662	39.61542382
217	Thaddeus Law	644 Madison Avenue, Morgantown, WV 26505	304-554-4089	-79.96523331	39.6153492
218	Scott Templeton	646 Madison Avenue, Morgantown, WV 26501	304-292-7042	-79.96540525	39.61516411
219	Jacob Coe	684 Madison Avenue, Morgantown, WV 26501	N/A	-79.96563327	39.61513282
220	William Webb	664 Madison Avenue, Morgantown, WV 26501	203-791-9501	-79.96561536	39.61487876

RESIDENTS					
MAP #	Name	Physical Address	Phone Number	LONG	LAT
221	Darlene Simmons	668 Madison Avenue, Morgantown, WV 26501	304-292-4727	-79.96569021	39.61478693
222	Darlene Simmons	668 Madison Avenue, Morgantown, WV 26501	304-292-4727	-79.96574562	39.61468704
223	Mary Liberatore & Teresa Davison	705 Madison Avenue, Morgantown, WV 26501	304-292-3296	-79.96592277	39.61449444
224	Smith Rentals. LLC	511 Burroughs Street, Suite #105 Morgantown, WV 26505	304-676-0930	-79.96605261	39.61431416
225	Lindsei Da Silva	712 Madison Avenue, Morgantown, WV 26505	N/A	-79.96612055	39.61420882
226	MJM Holdings. LLC	606 Jefferson Street, Morgantown, WV 26501	304-413-4000	-79.96617541	39.61412418
227	S Kids Rentals, LLC	520 Madison Avenue, Morgantown, WV	410-671-7028	-79.96625334	39.61401525
228	Linda Millan	724 Madison Avenue, Morgantown, WV 26501	304-291-3019	-79.96631559	39.61393078
229	Robert & Judith Justus	721 Madison Avenue, Morgantown, WV 26501	304-296-8087	-79.965928	39.61387468
230	Zhen Weng	717 Madison Avenue, Morgantown, WV 26501	304-292-1280	-79.9659066	39.61398865
231	Carl & Susan Sullivan	155 Little Falls Road, Morgantown, WV 26508	304-292-8220	-79.96550623	39.61392798
232	Carl & Susan Sullivan	155 Little Falls Road, Morgantown, WV 26508	304-292-8220	-79.96533044	39.6146437
233	Carl & Susan Sullivan	155 Little Falls Road, Morgantown, WV 26508	304-292-8220	-79.96533652	39.61417034
234	Kimberly Sue Jordan	709 Madison Avenue, Morgantown, WV 26501	724-943-4016	-79.96571023	39.61416749
235	Wilma Gauntlett	713 Madison Avenue, Morgantown, WV 26501-6721	304-296-2084	-79.96577303	39.61406777
236	Mary Liberatore & Ergia Wright	705 Madison Avenue, Morgantown, WV 26501	304-292-3296	-79.96565947	39.6142751
237	Judith Kennell	602 Windwood Place, Morgantown, WV 26505	304-296-4853	-79.96557997	39.61435921
238	Stephen Dodrill	673 Madison Avenue, Morgantown WV 26501	304-284-9648	-79.96543957	39.61455833
239	Kathy Billoti	667 Madison Avenue, Morgantown, WV 26505	304-284-9907	-79.96522775	39.61468724
240	Sara McMullen	659 Madison Avenue, Morgantown, WV 26505	304-381-2772	-79.96521524	39.61482811
241	Susan Maczko	657 Madison Avenue, Morgantown, WV 26501	304-296-8455	-79.96513306	39.61491788
242	Scott Templeton	649 Madison Avenue, Morgantown, WV 26501	304-296-8857	-79.96499301	39.61510747
243	Rebecca Sutton	424 Mildred Street, Morgantown, WV 26501	304-284-8205	-79.96483065	39.6149609
244	Robert Tressler	436 Mildred Street, Morgantown, WV 26501	304-296-9252	-79.96459633	39.61482611
245	Matthew Bauman	440 Mildred Street, Morgantown, WV 26501	N/A	-79.96440717	39.61460266
246	Bradley Nathan Morgan	452 Mildred Street, Morgantown, WV 26501	N/A	-79.96408219	39.61458797
247	Gary M. Huffman, Ella M. Huffman	460 Mildred Street, Morgantown, WV 265001	304-292-7410	-79.96376062	39.61441124
248	Joseph Voithofer, Theresa Voithofer	661 Standard Avenue, Morgantown, WV 26501	304-291-6024	-79.96338674	39.61431728
249	Donald E. West, Deborah A. West	651 Standard Avenue, Morgantown, WV 26501	304-291-6355	-79.96316519	39.61444216
250	Donald E. West, Deborah A. West	651 Standard Avenue, Morgantown, WV 26501	304-291-6355	-79.96313047	39.61465121
251	Ronald H. Sanders	422 Twigg Street, Morgantown, WV 26501	N/A	-79.96345704	39.61496157
252	John B. Lamb, Heidi S. Lamb	416 Twigg Street, Morgantown, WV 26501	304-292-5824	-79.96384679	39.61509402
253	David Scott Woodford	609 Adeline Avenue, Morgantown, WV 26501	304-296-4505	-79.96396669	39.61498409
254	Tammy Lynn King, Kent Lee King	620 Adeline Avenue, Morgantown, WV 26501	304-296-3297	-79.96418266	39.61528441
255	Deborah D. Gallegly	612 Adeline Avenue, Morgantown, WV 26501	304-284-8119	-79.96435995	39.615088
256	Karl W. Sommer, Debra Ann Sommer	427 Mildred Street, Morgantown, WV 26501	304-292-7291	-79.96467495	39.6152417
257	Stephen Strader, Huston Matthew Strader	452 Mildred Avenue, Morgantown, WV 26501	304-284-8932	-79.96477742	39.61540796
258	John R. Lewis, Laura K. Lewis	124 Twigg Street, Morgantown, WV 26501	304-291-6507	-79.96454719	39.61550023
259	Mary K. Mayfield	452 Mildred Street, Morgantown, WV 26501	304-292-0880	-79.96422898	39.61584235
260	Gabriel Tapia, Jessica Marie Tapia	533 Madison Avenue, Morgantown, WV 26501	304-296-2504	-79.96410613	39.61596557
261	Earl N. Straight Jr.	549 Madison Avenue, Morgantown, WV 26501	304-296-3142	-79.96402628	39.6160592
262	Sandra Lee Weimer	543 Madison Avenue, Morgantown, WV 26501	304-292-3569	-79.96392492	39.61620195
263	Linda Jean Shriver	512 Adeline Avenue, Morgantown, WV 26501	304-296-0635	-79.9636555	39.61587948
264	Ken Simon	516 Adeline Avenue, Morgantown, WV 26501	304-291-5137	-79.96373788	39.615784
265	Morton I. Taber, Kelly Regan Taber	520 Adeline Avenue, Morgantown, WV 26501	304-292-8282	-79.96383554	39.6156755
266	David M. Hefner, Melissa R. Hefner	524 Adeline Avenue, Morgantown, WV 26501	304-594-3811	-79.96397056	39.61555637
267	Paula J. Neal	433 Twigg Street, Morgantown, WV 26501	304-296-1041	-79.96363078	39.61540593
268	Nicky S. Arnold, Tracy L. Arnold	517 Adeline Avenue, Morgantown, WV 26501	304-292-7826	-79.96344225	39.61564025
269	Bridgette R. Campbell	513 Adeline Avenue, Morgantown, WV 26501	304-298-0332	-79.96340991	39.61573352
270	Jeffrey Lynn Bolyard	441 Twigg Street, Morgantown, WV 26501	304-284-3600	-79.96338894	39.6152748
271	Frances D. Lattanzi	449 Twigg Street Morgantown, WV 26501	304-296-7554	-79.96314818	39.61518183
272	Richard E. Henderson	433 Mississippi Street, Morgantown, WV 26501	304-212-5115	-79.96452364	39.61431528
273	Frank G. Mitchell	435 Mississippi Street, Morgantown, WV 26501	304-296-8415	-79.96420185	39.61421293
274	Barbara R. Peters Legacy Protector Trust	437 Mississippi Street, Morgantown, WV 26501	304-291-2066	-79.96399193	39.61401764
275	Matthew K. Bauman	440 Mississippi Street, Morgantown, WV 26501	304-296-7601	-79.96491646	39.61449929

RESIDENTS					
MAP #	Name	Physical Address	Phone Number	LONG	LAT
276	Elizabeth Genco	813 Elysian Avenue, Morgantown, WV 26501	304-292-6849	-79.96810805	39.61371949
277	Catherine Bowers	825 Elysian Avenue, Apt A, Morgantown, WV 26501	304-291-5254	-79.9683306	39.61336587
278	Delbert and Cathy Hilling	819 Elysian Avenue, Morgantown, WV 26501	304-292-6265	-79.96817179	39.61357624
279	Richard Ripley	836 West Virginia Avenue, Morgantown, WV 26501	304-296-5833	-79.96806897	39.61294986
280	Willa Vealey	816 West Virginia Avenue, Morgantown, WV 26501	304-296-0405	-79.96777957	39.61344436
281	Charles Shields	808 West Virginia Avenue, Morgantown, WV 26501	304-363-4073	-79.96760508	39.61361427
282	Richard Howard	741 West Virginia Avenue, Morgantown, WV 26501	304-627-8438	-79.96700228	39.61378352
283	Elizabeth Warman	801 West Virginia Avenue, Morgantown, WV 26501	304-485-0759	-79.96714883	39.61358274
284	Katie Bilotta	813 West Virginia Avenue, Morgantown, WV 26501	304-292-8828	-79.96737242	39.61338165
285	Jennfier Gosley & Jerry Toppins	817 West Virginia Avenue, Morgantown, WV 26501	304-291-3433	-79.96747309	39.6132311
286	Casdorph Properties LLC	823 West Virginia Avenue, Morgantown, WV 26501	304-322-0102	-79.96758623	39.61310195
287	Casdorph Properties LLC	826 West Virginia Avenue, Morgantown, WV 26501	304-322-0102	-79.96768706	39.61297523
288	Valerie Moore	832 Madison Avenue, Morgantown, WV 26501	304-291-6173	-79.96731865	39.61271694
289	Jeanne Strader	828 Madison Avenue, Morgantown, WV 26501	304-292-3979	-79.96712552	39.61286548
290	Frances Brownfield	820 Madison Avenue, Morgantown, WV 26501	304-284-8923	-79.9670616	39.61298252
291	Amy Cottrell	816 Madison Avenue, Morgantown, WV 26501	N/A	-79.96699138	39.61307813
292	Christopher & Kimberly Knotts	812 Madison Avenue, Morgantown, WV 26501	304-291-5731	-79.96693662	39.61318321
293	Sharon Brescoach	806 Madison Avenue, Morgantown, WV 26501	304-241-5134	-79.966845	39.61330512
294	Margaret Smith	802 Madison Avenue, Morgantown, WV 26501	304-328-5109	-79.96675041	39.61344373
295	Tracy & Jeffrey Hartley	736 Madison Avenue, Morgantown, WV 26501	304-296-1533	-79.96656383	39.61364944
296	John & Paula Sisler	Po Box 732, Morgantown, WV 26501	304-284-0175	-79.96648739	39.61373792
297	Susan Montgomery	725 Madison Avenue, Morgantown, WV 26505	304-292-5840	-79.96603177	39.61379933
298	Edith & Marcus Levy	727 Madison Avenue, Morgantown, WV 26501	304-292-5077	-79.9661141	39.61367031
299	Christopher and Trisha Trylch	741 Madison Avenue, Morgantown, WV 26501	304-292-1622	-79.96625131	39.61345527
300	Susan Melenric	805 Madison Avenue, Morgantown, WV 26501	304-291-9236	-79.9664499	39.61320185
301	Jason & Victoria Henry	813 Madison Avenue, Morgantown, WV 26501	304-292-5231	-79.96664909	39.61303899
302	Ann Logan	823 Madison Aveue, Morgantown WV 26501	314-645-5795	-79.96678958	39.61285253
303	Kathryn Madison	825 Madison Avenue, Morgantown, WV 26501	304-291-2584	-79.96685361	39.61275218
304	Bryan Tatar	819 Ohio Avenue, Morgantown, WV 26501	304-292-0292	-79.96653432	39.61246748
305	Jeffery Elmo	1309 Sabraton Avenue, Morgantown, WV 26505	304-292-5140	-79.96641568	39.61269436
306	Kevin Elmo	817 Ohio Avenue, Morgantown, WV 26501	304-296-7434	-79.96632522	39.61253028
307	Delbert and Debra Helmick	813 Ohio Avenue, Morgantown, WV 26501	304-296-1206	-79.96632403	39.6128115
308	Ferrell Jones	807 Ohio Avenue, Morgantown, WV 26501	304-291-2616	-79.96616483	39.61296467
309	Frances Bennett	805 Ohio Avenue, Morgantown, WV 26501	304-296-1489	-79.96612242	39.61307447
310	Marc Sanko & Amanda Morley	801 Ohio Avenue, Morgantown, WV 26501	906-487-2404	-79.96601821	39.61315592
311	John & Anita Debolt	729 Ohio Avenue, Morgantown, WV 26501	304-241-5399	-79.96570704	39.61362189
312	Vanessa Sigley	725 Ohio Avenue, Morgantown, WV 26501	304-322-6194	-79.96565236	39.61373889
313	Erik & Katie Howell	1004 Willis Drive, Morgantown, WV 26501	304-292-6437	-79.99363098	39.60397742
314	Mary & Edwin Riffle	1012 Willis Drive, Morgantown, WV 26501	304-292-0616	-79.99454344	39.60309698
315	Gary & Debra Stiles	1016 Willis Drive, Morgantown, WV 26501	304-296-9180	-79.99499642	39.60259171
316	David Cady	1020 Willis Drive, Morgantown, WV 26501	304-291-2204	-79.99542006	39.60289734
317	Thomas Aitken	1024 Willis Drive, Morgantown, WV 26501	304-296-8519	-79.99473758	39.60206517
318	Cheryl Gump	1102 Crest Drive, Morgantown, WV 26501	304-292-1301	-79.99353215	39.60348749
319	Charlotte & Allen Michael	1104 Crest Drive, Morgantown, WV 26501	304-296-2478	-79.99348211	39.60240631
320	Stanley Dlugos	1106 Crest Drive, Morgantown, WV 26501	304-296-0259	-79.99321667	39.60190398
321	J.M & Dawn Smith	1110 Crest Drive, Morgantown, WV 26501	304-241-5054	-79.99317884	39.60145728
322	Charles & Dane Moore	1151 Crest Drive, Morgantown, WV 26501	304-296-5950	-79.99309072	39.60104261
323	Douglas & Antoinette Hill	1135 Crest Drive, Morgantown, WV 26501	304-296-6055	-79.99298409	39.60034382
324	Jerry Cochran	1137 Crest Drive, Morgantown, WV 26501	304-291-5493	-79.99282623	39.59997843
325	Stephen & Cynthia Miranov	1031 Willis Drive, Morgantown, WV 26501	304-292-5097	-79.99331876	39.5998362
326	Jack & Jobeth Paugh	1025 Willis Drive, Morgantown, WV 26501	304-291-5883	-79.99360614	39.60100039
327	James & Josephine Livengood	1027 Willis Drive, Morgantown, WV 26501	304-291-2008	-79.99346286	39.60060633
328	Dale Rice	1021 Willis Drive, Morgantown, WV 26501	304-296-8869	-79.99396813	39.60197526
329	Dwayne Stutler	1023 Willis Drive, Morgantown, WV 26501	304-296-1517	-79.99384248	39.60148413
330	James & Sharron Lovell	1026 Willis Drive, Morgantown, WV 26501	304-296-6474	-79.99444135	39.60147872

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RESIDENTS					
MAP #	Name	Physical Address	Phone Number	LONG	LAT
331	Robert Hazucka & Sylvia Powley	1028 Willis Drive, Morgantown, WV 26501	304-292-5797	-79.99418697	39.60079915
332	James & Peggy Strano	1036 Willis Drive, Morgantown, WV 26501	304-292-1365	-79.99387436	39.59972803
333	James & Deborah Ridgway	1032 Willis Drive, Morgantown, WV 26501	304-296-9336	-79.99405801	39.60033926
334	Jason Sadlek	3 Mescal Lane, Morgantown, WV 26501	724-592-5079	-79.97598292	39.62304749
335	William Rinehart	1 Duvall Lane, Morgantown, WV 26501	304-381-2021	-79.97515474	39.62267073
336	Carolyn Stacey	2 Mescal Lane, Morgantown, WV 26501	N/A	-79.97589355	39.62255331
337	Anthony Parravani	1 Tj Lane, Morgantown, WV 26501	304-599-1031	-79.97719888	39.62279819
338	Karen Hancock	65 Dupont Heights, Morgantown, WV 26501	304-292-1488	-79.97716722	39.6232932
339	Ryan Thorne	111 Birds Eye View Drive, Morgantown, WV 26501	304-295-0933	-79.9737156	39.61991912
340	Greg Wolfe	113 Birds Eye View Drive, Morgantown, WV 26501	304-292-1288	-79.97368634	39.61996643
341	Gregory Sabak	115 Birds Eye View Drive, Morgantown, WV 26501	304-292-0463	-79.97365525	39.62001661
342	David Gersting	117 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97362229	39.62006393
343	Paul & Cleo Hewitt	119 Birds Eye View Drive, Morgantown, WV 26501	304-292-2129	-79.97359307	39.62011696
344	Adam & Jocelyn Bibbee	121 Birds Eye View Drive, Morgantown, WV 26501	304-291-5463	-79.97356754	39.62016854
345	Joseph Baltimore	123 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97353464	39.62022444
346	Kevin Philyaw	125 Birds Eye View Drive, Morgantown, WV 26501	619-447-8636	-79.97350539	39.62027318
347	Brenda DeVito	112 Birds Eye View Drive, Morgantown, WV 26501	304-983-8910	-79.97330611	39.61979067
348	Jason & Bethany Drvar	114 Birds Eye View Drive, Morgantown, WV 26501	304-983-2838	-79.97328429	39.6198451
349	Luke & Andrea Yost	116 Birds Eye View Drive, Morgantown, WV 26501	304-381-2785	-79.9732532	39.61989527
350	Tisha Haught	118 Birds Eye View Drive, Morgantown, WV 26501	304-366-0985	-79.97321659	39.61994976
351	Nathan & James Bowman	120 Birds Eye View Drive, Morgantown, WV 26501	304-489-9104	-79.97319658	39.61999703
352	Michelle Snyder	122 Birds Eye View Drive, Morgantown, WV 26501	304-284-0181	-79.97316544	39.62004005
353	Matthew Divok	124 Birds Eye View Drive, Morgantown, WV 26501	304-241-4576	-79.97313996	39.62010021
354	Michael Richard	126 Birds Eye View Drive, Morgantown, WV 26501	304-292-3044	-79.97310888	39.62015182
355	Candace Hudson	127 Birds Eye View Drive, Morgantown, WV 26501	304-291-0382	-79.97342255	39.62041698
356	Nicholas Borrer	129 Birds Eye View Drive, Morgantown, WV 26501	304-212-5538	-79.97338715	39.62046861
357	Emily Falcon	131 Birds Eye View Drive, Morgantown, WV 26501	724-592-6723	-79.97335667	39.6205183
358	David Rodavich	133 Birds Eye View Drive, Morgantown, WV 26501	724-966-5577	-79.97333482	39.62056796
359	Marko Mijuskovic	135 Birds Eye View Drive, Morgantown, WV 26501	304-599-0378	-79.97330562	39.62062337
360	Andres & Cecilia Orrego	137 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97327633	39.62066734
361	Casey Neehouse	139 Birds Eye View Drive, Morgantown, WV 26501	304-722-5288	-79.97324463	39.620718
362	Adam & Jenna Marlowe	141 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97321786	39.62076958
363	Rayna & Jessie Momen	128 Birds Eye View Drive, Morgantown, WV 26501	304-594-3828	-79.97303715	39.62029749
364	Jared Steele	130 Birds Eye View Drive, Morgantown, WV 26501	860-613-0819	-79.97300295	39.62034434
365	Rodney Bolyard	132 Birds Eye View Drive, Morgantown, WV 26501	304-743-9704	-79.97297498	39.62040069
366	Robert Young	134 Birds Eye View Drive, Morgantown, WV 26501	412-828-4682	-79.97293955	39.6204466
367	Jeremy & Meredith Waters	136 Birds Eye View Drive, Morgantown, WV 26501	304-241-5503	-79.97291032	39.62049915
368	Stacy & Shane Brost	138 Birds Eye View Drive, Morgantown, WV 26501	304-241-5652	-79.97287739	39.62055076
369	Audrey Shipe	140 Birds Eye View Drive, Morgantown, WV 26501	301-334-8330	-79.97285309	39.62060233
370	Judith & Steven Lightner	142 Birds Eye View Drive, Morgantown, WV 26501	304-292-3461	-79.97282137	39.62065108
371	Adam Goff	144 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97276917	39.62075044
372	Gabrielle Sakellarides	146 Birds Eye View Drive, Morgantown, WV 26501	804-355-0460	-79.97272634	39.62079732
373	Jay & Diane Mason	148 Birds Eye View Drive, Morgantown, WV 26501	330-386-1103	-79.97269958	39.62084891
374	James Fisher	150 Birds Eye View Drive, Morgantown, WV 26501	559-225-5697	-79.97266664	39.62089957
375	Jeffrey Graham & Randi Dove	152 Birds Eye View Drive, Morgantown, WV 26501	304-241-1776	-79.97263615	39.62094831
376	John Wyatt	154 Birds Eye View Drive, Morgantown, WV 26501	304-284-8022	-79.97261063	39.6210018
377	Ross, Jerome, & Cindy Menarcheck	156 Birds Eye View Drive, Morgantown, WV 26501	304-241-1556	-79.97258385	39.62105052
378	Norma & David Smith	158 Birds Eye View Drive, Morgantown, WV 26501	304-291-2777	-79.97247842	39.62113675
379	Jennifer Watkins	160 Birds Eye View Drive, Morgantown, WV 26501	813-253-0599	-79.97244303	39.62118837
380	Ashley Johnson	162 Birds Eye View Drive, Morgantown, WV 26501	724-627-6729	-79.97241379	39.62123997
381	Brian Richardson	159 Birds Eye View Drive, Morgantown, WV 26501	304-428-4890	-79.9728439	39.62131686
382	Maxwell & Lydia Neubauer	157 Birds Eye View Drive, Morgantown, WV 26501	304-212-5163	-79.97286329	39.62126721
383	Leonard & Gloria Jacoby	155 Birds Eye View Drive, Morgantown, WV 26501	814-676-5340	-79.97289746	39.6212175
384	Suzanne Vensköske	153 Birds Eye View Drive, Morgantown, WV 26501	304-241-1789	-79.97292546	39.62116591
385	Andrei & Mario Perhinschi	151 Birds Eye View Drive, Morgantown, WV 26501	304-296-0399	-79.97295468	39.62111145

BUSINESSES

Map #	Business Name	Physical Address	Phone Number	Longitude	Latitude
85	Waterfront Family Pharmacy	215 Don Knotts Blvd., Morgantown, WV 26501	(304) 225-7979	-79.970493	39.611921
86	WV United Linen Services	2100 Rail St. Morgantown, WV 26501	(304) 216-7644	-79.975488	39.603797
87	WVU College of Engineering	Morgantown Industrial Park, Morgantown, WV 26501	(304) 293-0111	-79.974105	39.607957
88	Craig Mouser Recycling	P.O. Box 2491, Westover, WV 26502	(304) 290-8163	-79.99063	39.61964
89	Touchdown Vending	1843 Dents Run Road, Westover, WV 26501	N/A	-79.99096	39.619368
90	New Beginnings Day Care	101 N. Metro Drive, Morgantown, WV 26501	(304) 292-4963	-79.974035	39.617596
91	BFS #25/Subway/Citgo	305 Don Knotts Boulevard, Morgantown, WV 26501	(304) 292-6434	-79.969763	39.616362
92	Mundy's Public House	669 Madigan Avenue, Morgantown, WV 26501	(304)381-2822	-79.967763	39.615607
93	Morgantown Church of God	664 Madigan Avenue, Morgantown, WV 26501	(304) 292-3773	-79.967973	39.615912
94	Jack Roberts Park	West Virginia Avenue, Morgantown, WV 26501	N/A	-79.965864	39.617489
95	W.L. Kennell & Associates	400 Mississippi Avenue, Morgantown, WV 26501	(304) 296-6290	-79.965615	39.614368
96	Little Tikes Child Care Facility	428 Mississippi Avenue, Morgantown, WV 26501	(304) 292-1377	-79.965304	39.614213
97	Skyview Elementary School	668 River Road, Morgantown, WV 26501	(304) 284-2890	-79.981407	39.616939
98	Westwood Middle School	670 River Road, Morgantown, WV 26501	(304) 291-9300	-79.978664	39.618319
99	Morgantown Lock and Dam	26 Morgantown Lock Road, Morgantown, WV 26501	(304) 292-1885	-79.969752	39.620384
100	Hope Natural Gas	1220 River Road, Morgantown, WV 26501	(800) 688-4673	-79.99391617	39.60591383
101	Free Methodist Church of Morgantown	300 Mississippi Street, Morgantown, WV 26501	N/A	-79.96671658	39.61477

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RESIDENTS					
MAP #	Name	Physical Address	Phone Number	LONG	LAT
386	Jamie Edgell	149 Birds Eye View Drive, Morgantown, WV 26501	304-366-3190	-79.97298024	39.62106369
387	Jane Duncan & Jason Kowalczyk	147 Birds Eye View Drive, Morgantown, WV 26501	724-966-7628	-79.97301069	39.62101113
388	Michael Cruse	175 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.9730578	39.62148635
389	Tyler Riddle	177 Birds Eye View Drive, Morgantown, WV 26501	304-291-2360	-79.97313389	39.62152751
390	Heather Blasingame	179 Birds Eye View Drive, Morgantown, WV 26501	304-366-8097	-79.97317849	39.62156021
391	Michael Shrewsbury	181 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97323603	39.62159287
392	Sewa & Givan Ram	183 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97328807	39.62163269
393	Ashley & Stephen Neal	185 Birds Eye View Drive, Morgantown, WV 26501	304-845-8304	-79.97334197	39.62167394
394	Andrew & Elizabeth Menhart	187 Birds Eye View Drive, Morgantown, WV 26501	724-966-5606	-79.97339584	39.62170947
395	Chad & Stacey Bartlett	189 Birds Eye View Drive, Morgantown, WV 26501	410-663-2423	-79.97344785	39.62174501
396	Ronald & Cheryl Snyder	1040 Willis Drive, Morgantown, WV 26501	304-296-5588	-79.9937538	39.59934089
397	Jeffery & Theresa Thorne	1035 Willis Drive, Morgantown, WV 26501	304-296-6010	-79.99320049	39.59951245
398	William and Karen Spenser	1043 Willis Drive, Morgantown, WV 26501	304-296-7607	-79.99311769	39.59913148
399	Bob & Lesa Lee	740 River Road Morgantown WV 26501	304-296-9502	-79.981262	39.612584
400	Chris Lambert	776 River Road Morgantown WV 26501	304-376-7796	-79.98149	39.611832
401	Mike & Joyce Dineen	794 River Road Morgantown WV 26501	304-376-2676	-79.98255	39.611937
402	Gabe Smith	806 River Road Morgantown WV 26501	802-353-8928	-79.98235	39.611501
403	Tim and Tammy Connor	816 River Road Morgantown WV 26501	304-376-2090	-79.983598	39.612584
404	Mary Goff	826 River Road Morgantown WV 26501	304-292-5578	-79.983331	39.611497
405	Randy Goff	816 River Road Morgantown WV 26501	304-599-5340	-79.983671	39.611495
406	Melissa Radacay	860 River Road Morgantown WV 26501	304-290-1200	-79.984731	39.611009
407	Michael & Linda Moore	892 River Road Morgantown WV 26501	304-291-2654	-79.985579	39.610846
408	Karissa Loring	878 River Road Morgantown WV 26501	304-376-1291	-79.985217	39.610429
409	Sharon Burge	863 River Road Morgantown WV 26501	304-291-5359	-79.984354	39.610217
410	Joe & Jenny Stoffa	906 River Road Morgantown WV 26501	304-376-2504	-79.986322	39.610019
411	Barbera A. Jamison	958 River Road Morgantown WV 26501	304-296-5941	-79.988607	39.609059
412	Charles & Vernie Galusky	9 Galusky Lane Morgantown WV 26501	304-319-0091	-79.989131	39.608567
413	Jack E. Jamison	991 River Road Morgantown WV 26501	304-692-9779	-79.988759	39.6078
414	Alexander Stolin	20 Giuliani Lane Morgantown WV 26501	304-296-0894	-79.987174	39.607822
415	Chris & Leighann Giuliani	45 Giuliani Lane Morgantown WV 26501	304-292-2665	-79.986196	39.607886
416	Chris & Leighann Giuliani	80 Giuliani Lane Morgantown WV 26501	304-292-2665	-79.985972	39.606557
417	Daniel Erfurth	865 River Road Morgantown WV 26501	760-793-2658	-79.985069	39.609986
418	Unoccupied	94 Birds Eye View Drive, Morgantown, WV 26501		-79.97399884	39.61926388
419	Unoccupied	96 Birds Eye View Drive, Morgantown, WV 26501		-79.97392508	39.61929278
420	Tammy K Johnson	102 Birds Eye View Drive, Morgantown, WV 26501	304-722-2449	-79.97358975	39.61946574
421	Alisha D Bogan	104 Birds Eye View Drive, Morgantown, WV 26501	304-291-4507	-79.97354571	39.61951454
422	Amanda Williams	106 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97349971	39.61954761
423	Scott A Renninger	101 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97396232	39.61960292
424	Hannah Stevens	103 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97391457	39.61965031
425	Justin Blake	105 Birds Eye View Drive, Morgantown, WV 26501	304-241-5849	-79.97386863	39.61969196
426	Felicia Crogan	107 Birds Eye View Drive, Morgantown, WV 26501	304-329-3516	-79.97382458	39.61973933
427	Jennifer Cruse	109 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97378052	39.61978527
428	Felicite Monkam	166 Birds Eye View Drive, Morgantown, WV 26501	301-918-9094	-79.97255347	39.62151334
429	Jennifer Raber	168 Birds Eye View Drive, Morgantown, WV 26501	304-861-0041	-79.97260922	39.62155458
430	Jamie Bailey	170 Birds Eye View Drive, Morgantown, WV 26501	304-842-0088	-79.97266307	39.62158725
431	Stacy Renee Horner	172 Birds Eye View Drive, Morgantown, WV 26501	304-366-1922	-79.9727114	39.62162566
432	Unoccupied	174 Birds Eye View Drive, Morgantown, WV 26501		-79.97276892	39.62165545
433	Tiffany Marie Johnson	176 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97281913	39.62169672
434	Kerri Smith	178 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97288225	39.62173507
435	Martha Newman	180 Birds Eye View Drive, Morgantown, WV 26501	304-358-0920	-79.97292872	39.62177063
436	Michelle McIntyre	182 Birds Eye View Drive, Morgantown, WV 26501	304-363-4696	-79.97298077	39.62181188
437	Sharon Goff	191 Birds Eye View Drive, Morgantown, WV 26501	304-291-2225	-79.9736076	39.62181362
438	Adam Klenk	193 Birds Eye View Drive, Morgantown, WV 26501	304-842-3752	-79.97366335	39.62185486
439	Stephanie Ratliff	195 Birds Eye View Drive, Morgantown, WV 26501	304-472-9898	-79.97371164	39.62188612
440	Matthew Matyasovsky	197 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97376925	39.62192879

6101705

RESIDENTS					
MAP #	Name	Physical Address	Phone Number	LONG	LAT
441	Tarajo Gillerlain	199 Birds Eye View Drive, Morgantown, WV 26501	304-429-4205	-79.97381752	39.62195719
442	Katrina Boley	201 Birds Eye View Drive, Morgantown, WV 26501	336-626-8295	-79.97386589	39.62200132
443	Unoccupied	203 Birds Eye View Drive, Morgantown, WV 26501		-79.97394985	39.62211108
444	Nicholas Turiano	205 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97397976	39.62215958
445	Debra Weaver	207 Birds Eye View Drive, Morgantown, WV 26501	304-366-9551	-79.97400785	39.62221094
446	Holly Hildreth	209 Birds Eye View Drive, Morgantown, WV 26501	304-599-0507	-79.97403595	39.62226373
447	Neil Bowman	211 Birds Eye View Drive, Morgantown, WV 26501	304-212-5654	-79.97405474	39.62230798
448	John S Rexroad	213 Birds Eye View Drive, Morgantown, WV 26501	N/A	-79.97408836	39.62235789
449	Deanna Guenther	215 Birds Eye View Drive, Morgantown, WV 26501	304-241-1299	-79.97412196	39.62240494
450	Steven Osborne	217 Birds Eye View Drive, Morgantown, WV 26501	304-366-5854	-79.97414265	39.62245491
451	Tonya Brady	219 Birds Eye View Drive, Morgantown, WV 26501	304-462-5523	-79.97416336	39.62251059
452	Paul Camacho	221 Birds Eye View Drive, Morgantown, WV 26501	919-556-4463	-79.97418961	39.62256339
453	Roy Ward	98 Birds Eye View Drive, Morgantown, WV 26501	304-863-6168	-79.97383841	39.61932745
454	Unoccupied	100 Birds Eye View Drive, Morgantown, WV 26501		-79.97364682	39.61942976
455	Brian Gillespie	108 Birds Eye View Drive, Morgantown, WV 26501	304-925-2314	-79.97346117	39.61959067
456	Holly Hall	110 Birds Eye View Drive, Morgantown, WV 26501	304-292-0901	-79.97340787	39.61963664

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BUSINESSES

Map #	Business Name	Physical Address	Phone Number	Longitude	Latitude
1	24/7 Self Storage	30 Smithtown Road, Morgantown, WV 26508	(304)-296-1410	-79.964432	39.60173
2	Addivant	1000 Morgantown Industrial Park, Morgantown WV, 26501	(304) 296-2554	-79.976911	39.609659
3	Aldi	245 Don Knotts Blvd., Morgantown, WV 26501	(855) 955-2534	-79.970605	39.613092
4	American Environmental	1750 Morgantown Industrial Park, Morgantown, WV 26501	(304) 292-0659	-79.974592	39.608008
5	Aquila Stone	271 Don Knotts Blvd. Morgantown, WV 26501	(304) 292-7950	-79.970186	39.614344
6	Arnett Law Office	30 Smithtown Road, Morgantown, WV 26508	(304) 292-3604	-79.964379	39.601569
7	Artistry House LLC	135 Green Bag Road, Morgantown, WV 26501	(304) 435-8090	-79.96299	39.608766
8	Azimuth Incorporated	3741 Morgantown Industrial Park, Morgantown, WV 26501	(304) 292-3700	-79.977461	39.605673
9	Black Diamond Equipment Rental	4100 Morgantown Industrial Park Morgantown, WV 26501	(855) 250-5807	-79.98024	39.604808
10	Blackhawk Interiors	3500 Industrial Park, Morgantown, WV 26501	(304) 292-4011	-79.976043	39.605797
11	Central Supply	3100 Morgantown Industrial Park, Morgantown, WV 26501	(304) 292-5577	-79.973959	39.604601
12	Chico Enterprises Inc.	281 Don Knotts Blvd., Morgantown, WV 26501	(304) 292-5480	-79.970171	39.614986
13	Children's Discovery Museum of WV	Mountaineer Mall, 5000 Greenbag Road, Morgantown, WV 26508	(304) 292-4646	-79.961976	39.606598
14	Children's Home Society of WV	129 Green Bag Road, Morgantown, WV 26501	(304) 284-0992	-79.96372	39.609181
15	City Plumbing and Heating	1500 Morgantown Industrial Park Morgantown WV 26501	(304) 296-7135	-79.977614	39.609136
16	Coomb's Family Chiropractic	55 Don Knotts Boulevard, Suite 4, Morgantown, WV 26508	(304) 943-0124	-79.967907	39.605369
17	Core Building Solutions	2200 Industrial Park Road, Morgantown, WV 26501	(304) 376-1940	-79.974682	39.606554
18	Dinsmore & Shohl Law Office	215 Don Knotts Blvd., Morgantown, WV 26501	(304) 225-1414	-79.970612	39.612063
19	Dominion Resource	2800 Morgantown Industrial Park, Morgantown, WV 26501	(304) 288-2702	-79.982312	39.603245
20	Dunham's Sports	5000 Greenbag Road, Morgantown, WV 26505	(304) 292-4111	-79.964769	39.605674
21	Dynamic Industries	2800 Morgantown Industrial Park, Morgantown, WV 26501	(304) 413-0232	-79.97755	39.608108
22	Easley Rivers	3800 Morgantown Industrial Park, Morgantown, WV 26501	(304) 291-6803	-79.97925	39.604992
23	Enterprise Rent A Car	75 Don Knotts Blvd., Morgantown, WV 26501	(304) 225-6700	-79.969644	39.607598
24	Fabric On a Roll...	295 Don Knotts Blvd., Morgantown, WV 26501	(304) 296-1922	-79.970027	39.615666
25	Flint Energy Services	451 N Metro Dr Morgantown, WV 26501	(304) 292-0041	-79.976159	39.613578
26	Galloway Florist	57 Don Knotts Blvd., Morgantown, WV 26508	(304) 292-7783	-79.968076	39.605555
27	GCO Carpet Outlet	82 Green Bag Road, Morgantown, WV 26501	(888) 311-0395	-79.965099	39.605459
28	Gerrick Electrical Company, LLC	1510 Morgantown Industrial Park, Morgantown, WV 26501	(304) 291-8114	-79.977637	39.609006
29	Get Go	54 Don Knotts Blvd., Morgantown, WV 26508	(304) 291-4620	-79.966956	39.604608
30	Giant Eagle	130 Green Bag Road, Morgantown, WV 26501	(304) 292-6066	-79.962548	39.607816
31	Global Land - Radio Tower	860 River Road, Morgantown, WV 26501	(845) 359-0444	-79.985182	39.611512
32	Goodyear Auto Service Center	149 Green Bag Road, Morgantown, WV 26501	(304) 296-1748	-79.962201	39.608997
33	Greer Limestone	Don Knotts Blvd., Morgantown WV 26508	(304) 296-2463	-79.969919	39.608393
34	H&R Block	133 Green Bag Road, Morgantown, WV 26501	(304) 292-6846	-79.96316	39.608737
35	Hawkeye Research Inc	55 Don Knotts Boulevard, Suite 3, Morgantown, WV 26508	(304) 212-5597	-79.967791	39.605293
36	Heidi's Hot Spot	177 Greenbag Road, Morgantown, WV 26508	(304) 241-1511	-79.961279	39.609073
37	Huntington Bank	130 Green Bag Road, Morgantown, WV 26501	(304) 291-7790	-79.962398	39.607536
38	Insane Cycles	285 Don Knotts Blvd., Morgantown, WV 26501	(304) 291-2453	-79.970176	39.615102
39	Javins Corp.	2000 Morgantown Industrial Park, Morgantown, WV 26501	(304) 292-3234	-79.974626	39.6074
40	Kinderhaus Child Care	129 Green Bag Road, Morgantown, WV 26501	(304) 292-7863	-79.963114	39.609042
41	King Mixed Martial Arts	195 Don Knotts Blvd., Morgantown, WV 26501	(772) 486-7736	-79.970109	39.610291
42	Koreana Asian Grocery Market	293 Don Knotts Blvd., Morgantown, WV 26501	(304) 291-2388	-79.970077	39.61557
43	LEAM Drilling Services LLC	200 N Metro Dr, Morgantown, WV 26501	(304) 381-2299	-79.97483	39.61566
44	Mattress Warehouse	55 Don Knotts Blvd., Suite 2, Morgantown, WV 26508	(304) 296-6389	-79.967699	39.605209
45	Maverick's Hot Spot	273 Don Knotts Blvd., Morgantown, WV 26501	(304) 284-0667	-79.970216	39.614424
46	Meadow Mountain Catering	167 Green Bag Road, Morgantown, WV 26501	(304) 328-5124	-79.961602	39.609022
47	Med Express	215 Don Knotts Blvd., Suite 130, Morgantown, WV 26501	(304) 291-3627	-79.970501	39.612159
48	Mon County Habitat for Humanity	251 Don Knotts Blvd., Morgantown, WV 26501	(304) 291-2991	-79.970325	39.613677
49	Mon County Solid Waste Authority	255 South Plant St., Morgantown, WV 26501	(304) 292-3801	-79.972826	39.602733
50	Morgantown Motel	2 Smithtown Road, Morgantown, WV 26508	(304) 292-3374	-79.965178	39.603125
51	Morgantown Outdoor Power	59 Don Knotts Blvd., Morgantown, WV 26508	(304) 212-7015	-79.968587	39.605825
52	Morgantown Septic Service	816 River Road, Morgantown, WV 26501	(304) 599-5340	-79.984127	39.611181
53	Morgantown Utility Board Treatment Facility	171 Don Knotts Blvd., Morgantown, WV 26501	(304) 292-8443	-79.970055	39.609408
54	Mountaineer Home Medical	5000 Greenbag Road, Morgantown, WV 26505	(304) 225-6290	-79.961939	39.606227
55	Mylan Pharmaceuticals	5005 Greenbag Road, Morgantown, WV 26501	(304) 599-2595	-79.961992	39.605165
56	NAPA Auto	275 Don Knotts Blvd., Morgantown, WV 26501	(304) 296-4468	-79.970204	39.614558
57	Nationwide Insurance	277 Don Knotts Blvd., Morgantown, WV 26501	(304) 296-3229	-79.970146	39.614798
58	Northeast Natural Energy	Morgantown Industrial Park, Morgantown, WV 26501	(304) 241-5752	-79.976302	39.602038
59	Paula's Great Food and Fun	55 Don Knotts Boulevard, Suite 1, Morgantown, WV 26508	(304) 284-9797	-79.96767	39.605183
60	Pipeline Swabs and Pigs	297 Don Knotts Blvd., Morgantown, WV 26501	(304) 282-1727	-79.969996	39.615766
61	Premier Computer Services	23 Don Knotts Blvd., Morgantown, WV 26508	(304) 292-7000	-79.966508	39.604115
62	Premium Valve Services, LLC	Morgantown Industrial Park, Morgantown, WV 26501	(304) 284-8040	-79.977112	39.614318
63	Professional Directional, LTD	421 N Metro Dr., Morgantown, WV 26501	(936) 441-7266	-79.975379	39.61317
64	QCBS	57 Don Knotts Blvd., Morgantown, WV 26508	(304) 292-4991	-79.968177	39.605639
65	Reliable Healthcare Solutions	5000 Greenbag Road, Morgantown, WV 26505	(304) 212-4342	-79.961738	39.606052
66	Republic Services (Allied Waste)	Morgantown Industrial Park, Morgantown, WV 26501	(304) 368-7777	-79.972573	39.59877
67	Riverside Automotive	225 Don Knotts Blvd., Morgantown, WV 26501	(304) 241-1717	-79.970376	39.612465
68	Roto Rooter	2203 Industrial Park Road, Morgantown, WV 26505	(304) 296-7686	-79.973863	39.606277
69	Safelite	173 Greenbag Road, Morgantown, WV 26501	(877) 609-6714	-79.96147	39.609031
70	Sargasso	215 Don Knotts Blvd., Morgantown, WV 26501	(304) 554-0100	-79.970702	39.611874
71	Schwebel's	Morgantown Industrial Park, Morgantown, WV 26501	(412) 257-6067	-79.97387	39.606634
72	Secure Us	63 Don Knotts Blvd., Morgantown, WV 26501	(304) 291-2994	-79.969422	39.607143
73	Sherwin Williams	289 Don Knotts Blvd., Morgantown, WV 26501	(304) 292-8409	-79.970133	39.615417
74	Sid Harvey's	Morgantown Industrial Park, Morgantown, WV 26501	(304) 296-0496	-79.9739	39.607039
75	Styled & Pampered Salon	125 Greenbag Road, Morgantown, WV 26501	(304) 291-3223	-79.963488	39.608732
76	SustainU	Industrial Park Road, Morgantown, WV 26501	(304) 413-0418	-79.973449	39.600043
77	Swanson Industries	3400 Morgantown Industrial Park, Morgantown, WV 26501	(800) 327-6203	-79.973955	39.607051
78	The Hite Company - Electrical Lighting and Supp	269 Don Knotts Blvd. Morgantown, WV 26501	(304) 292-3316	-79.970296	39.614253
79	The Ranch Community Store	255 Don Knotts Blvd., Morgantown, WV 26501	(304) 381-2606	-79.97035	39.614043
80	Tradesmen International	3717 Industrial Park Road, Morgantown, WV 26501	(304) 212-6625	-79.9774	39.605639
81	University Motors	60 Don Knotts Blvd., Morgantown, WV 26508	(304) 296-4401	-79.967835	39.607352
82	Valley Alliance Treatment Services	53 Don Knotts Blvd., Morgantown, WV 26508	(304) 284-0025	-79.967499	39.604996
83	Viking Performance Training LLC	139 Green Bag Road, Morgantown, WV 26501	(304) 216-7496	-79.96275	39.608854
84	Wassick Novelty Co.	20 Smithtown Road, Morgantown, WV 26508	(304) 292-3791	-79.964753	39.602302

C. NOTIFICATION OF H₂S GAS PRESENCE

Detection of H₂S shall sound an alarm which notifies personnel to shut in the well(s) and evacuate to the predetermined safe zone immediately.

A wind sock and/or flags will be utilized on location to identify wind direction. A safe zone upwind and away from the well will be established at the beginning of each tour. Personnel are trained to evacuate the well and gather at this safe zone immediately at the first sound of an H₂S explosive gas alarm.

When in a historically known area, or after H₂S is first detected, operations will halt, evacuation procedures will be followed, and all personnel will be trained for detailed H₂S protocols before operations begin or resume.

After personnel are located in a safe area, the onsite supervisor will take a head count, and make the proper offsite notifications. The DEP Office of Oil and Gas will be notified by a phone call to both the local inspector and the emergency number. The local emergency responders may also be notified of the detection.

In the event that H₂S has been detected, the onsite supervisor shall use his discretion as to the severity of the event and whether the local community should be notified. NNE will make a diligent effort to identify local residents and businesses within a ½ mile radius of its unconventional well sites (*see attached). Notification of such residence may be done in the form of a phone call or a door to door visit. NNE also recognizes that in most emergency situations the local emergency responders will coordinate any notification or evacuation procedures for the community and NNE will work closely with such emergency responders in their efforts.

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D. PRE-SPUD MEETINGS

Prior to drilling operations, an onsite "Pre-Spud" meeting will be held to address operations and the site safety plan. This meeting shall include the overseeing NNE Drilling/Completions Engineer, the staff or contracted site supervisor(s) ("Company Man"), any staff or contracted safety personnel, key contractors to the drilling process, the contracted rig's superintendent/tool pusher, and the local oil and gas inspector if available. Local emergency response personnel may also be invited to the pre-spud meeting. The regional DEP inspector will be notified 48-hours in advance of the meeting. All attending personnel will be documented. Contractors will be provided copy of and instructed to go over the site safety plan with their respective individual employees.

E. WELL SITE SAFETY MEETINGS

Safety Meetings will be held on-site, at a minimum, on a weekly basis and prior to the beginning of drilling, completion and work-over operations. Attendance at each safety meeting will be logged.

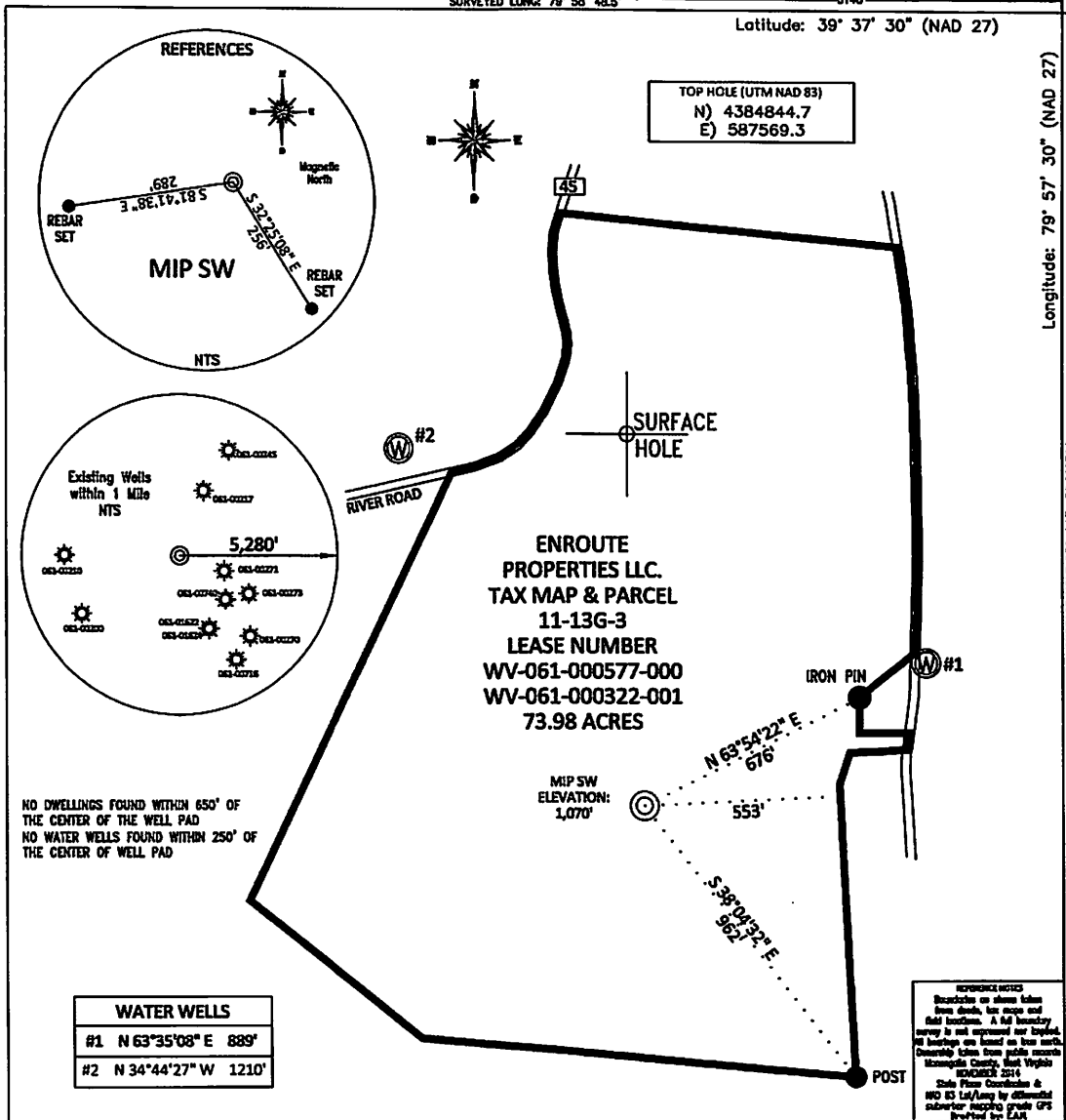
Additionally, as a means of safety and maintaining a head count in case of an incident, a check-in and check-out list of both personnel and visitors will be kept during all drilling, completion, and work over phases of operation. The rig/frac supervisor will be responsible for the checking in and out of all personnel on location. A sign will be posted at the entrance to the location directing all visitors to the company trailer.

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Maps and Diagrams

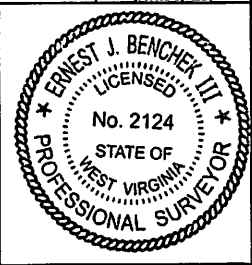
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FILE #: NNE004
 DRAWING #: 2453
 SCALE: 1"=400'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: GRADE GPS

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: *[Signature]*
 L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304

DATE: DECEMBER 17, 2014

OPERATOR'S WELL #: MIP SW

API WELL #: 47 61
 STATE COUNTY PERMIT

Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: UPPER MONONGAHELA RIVER ELEVATION: 1,070'

COUNTY/DISTRICT: MONONGALIA/GRANT QUADRANGLE: MORGANTOWN SOUTH

SURFACE OWNER: ENROUTE PROPERTIES LLC. ACREAGE: 73.98 +/-

OIL & GAS ROYALTY OWNER: ENROUTE PROPERTIES LLC. ACREAGE: 73.98 +/-

LEASE NUMBERS: _____

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: HELDERBERG ESTIMATED DEPTH: TVD: 8,000' TMD: 8,000'

WELL OPERATOR : NORTHEAST NATURAL ENERGY LLC DESIGNATED AGENT : JOHN ADAMS

ADDRESS: 707 VIRGINIA STREET - SUITE 1200 ADDRESS: 707 VIRGINIA STREET - SUITE 1200

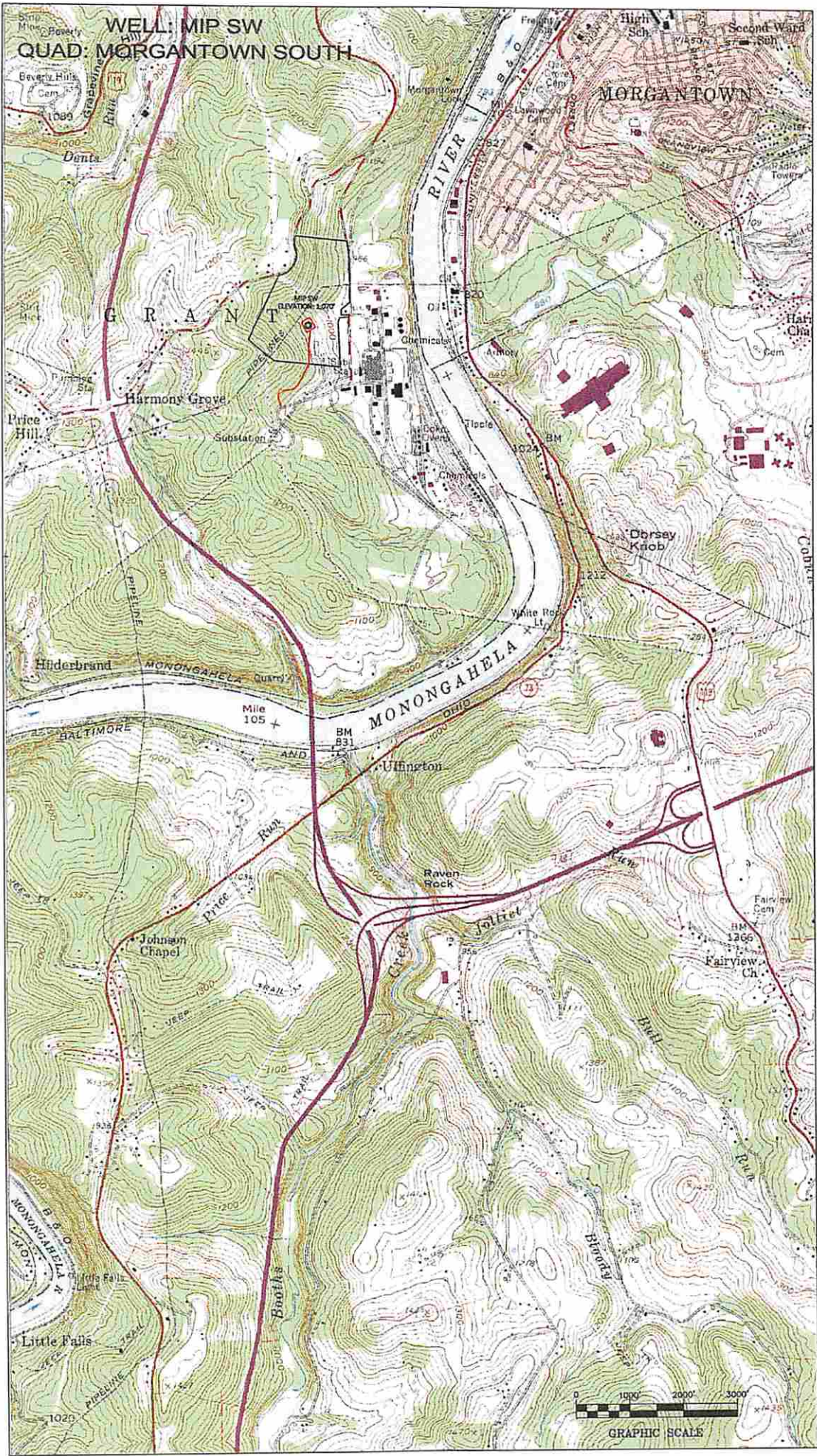
CITY: CHARLESTON STATE: WV ZIP CODE: 25301 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

DEC 29 2014

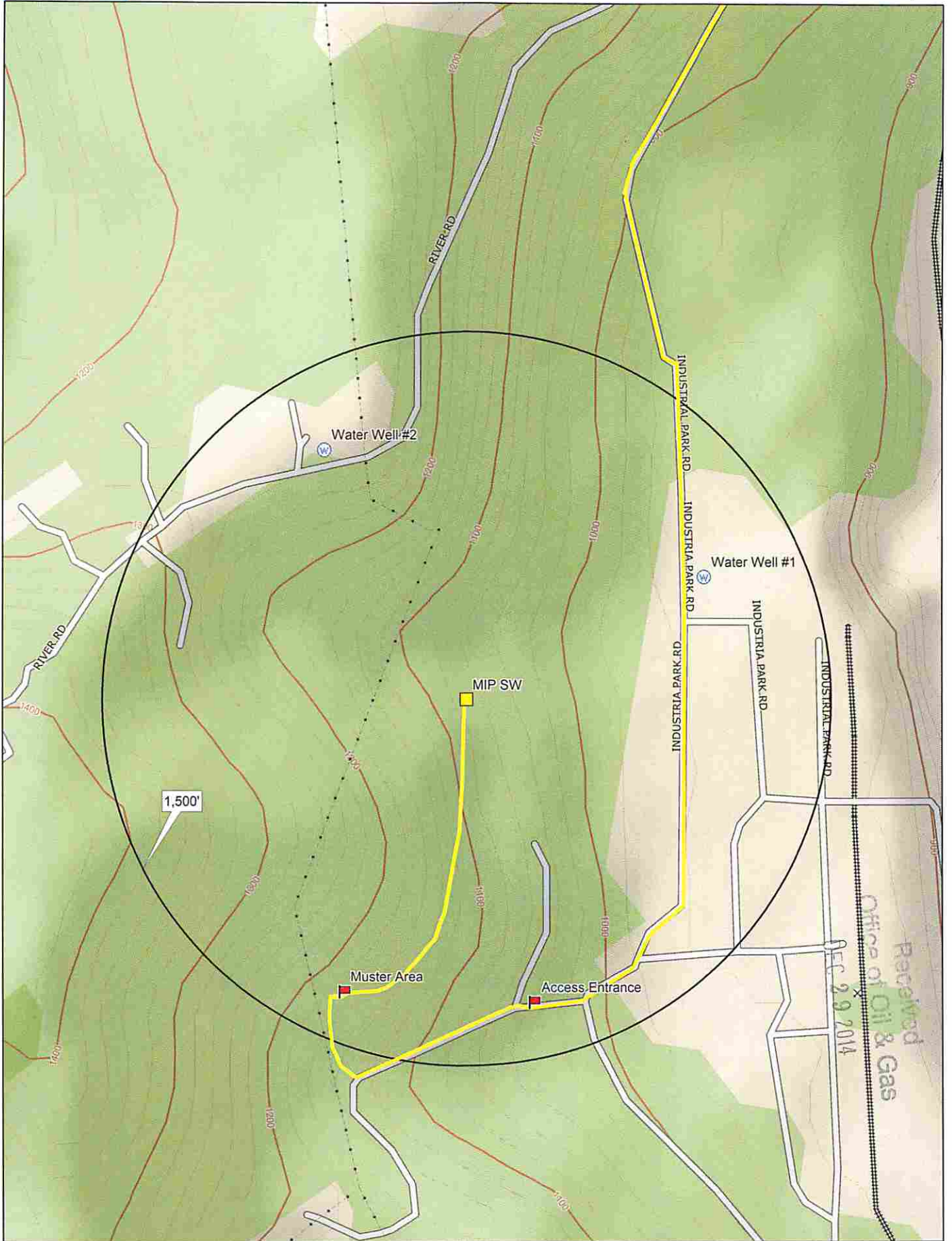
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Well Work



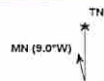
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www.delorme.com



Scale 1 : 6,400



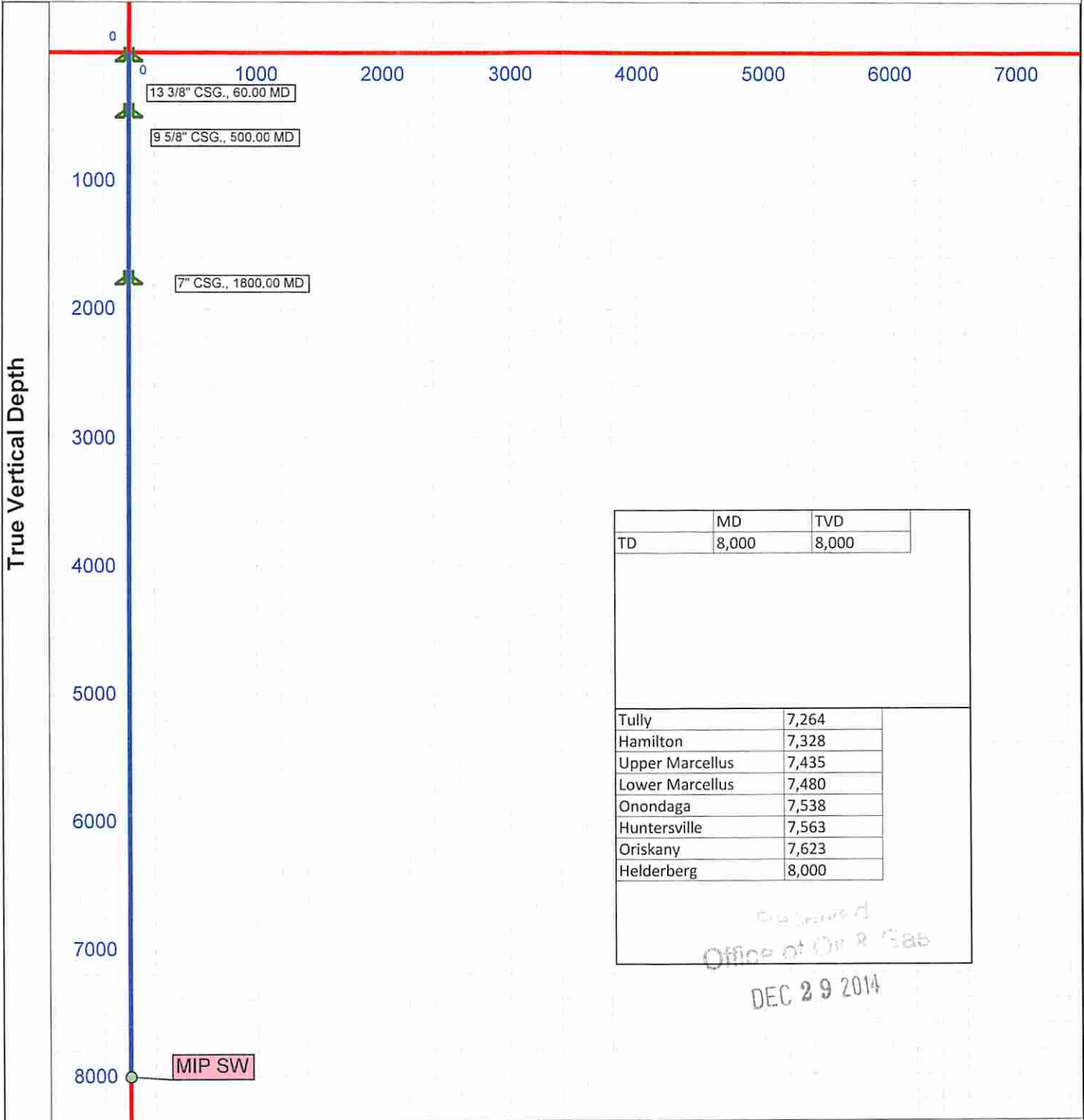
1" = 533.3 ft

Data Zoom 15-0



Job Number:
 Company: Northeast Natural Energy
 Lease/Well: MIP Science Well
 Location: MIP Science Well
 Rig Name: Pioneer 63
 State/Country: WV/ Mon
 Country: US
 API Number:

Elevation (To MSL): 1071.00 ft
 RKB: 18.00 ft
 Projection System: US State Plane 1983
 Projection Group: West Virginia Northern Zone
 Projection Datum: GRS80
 Magnetic Declination: -9.02
 Grid Convergence: -0.30608 W
 Date: Friday, November 21, 2014



	MD	TVD
TD	8,000	8,000
Tully	7,264	
Hamilton	7,328	
Upper Marcellus	7,435	
Lower Marcellus	7,480	
Onondaga	7,538	
Huntersville	7,563	
Oriskany	7,623	
Helderberg	8,000	

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Vertical Section (1000 Ft/Div) VSP: 0.00°

A(1.0) Description of Drilling Operations

The MIP SW will be drilled to a depth of 8,000 ft. for the purposes of acquiring various geologic data and to be used for scientific observation.

A(1.1) Anticipated Equipment/Materials

During the drilling of a horizontal Marcellus gas well the following equipment and materials could be on the drilling location:

Equipment / Materials	Potential Hazard
Double Stand Drilling Rig	Medical, Fire/Explosion, Spill/Release
Mud Pumps	Medical, Fire/Explosion, Spill/Release
Mud Tanks	Medical, Fire/Explosion, Spill/Release
Fork Lift	Medical, Fire/Explosion, Spill/Release
Excavator	Medical, Fire/Explosion, Spill/Release
Diesel Tank	Medical, Fire/Explosion, Spill/Release
Diesel Fuel	Medical, Fire/Explosion, Spill/Release
Generators	Medical, Fire/Explosion, Spill/Release
Air Compressor	Medical, Fire/Explosion
Light Tower	Medical, Fire/Explosion, Spill/Release
Frac Tanks (mud, cement additives,	Medical, Fire/Explosion, Spill/Release
Drilling Mud Additives	Medical, Fire/Explosion, Spill/Release

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A(2.0) Description of Completions Operations

The MIP SW well will be completed using a multi-stage / high-rate slickwater fracture treatment using sand as a proppant. The well will be fractured using either “plug-and-perf” completion techniques or through a system of initiation sleeves.

When using “plug-and-perf” techniques, the first stage will be initiated via pressurization against a burst disc ran in the production casing string and perforated by pumping down guns on wireline. Subsequent stages will also be perforated with pumped down guns ran on wireline. Individual stages will be isolated with composite frac plugs. Composite bridge plugs will be set at the end of the last stage to isolate the treated formation. After the fracture treatment, composite frac plugs will be drilled out using a service rig and/or snubbing unit.

In a “sleeved” completion system, a series of sleeves are made up and ran in with the production casing during drilling operations. During completion operations, these sleeves are isolated via a coil tubing ran packer and opened by pressurization against the sleeve.

Maximum pump rate during any stage will be 110 BPM with a maximum allowable surface pressure of 9,500 PSI.

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A(2.1) Anticipated Equipment/Materials

During the completion of a horizontal Marcellus gas well the following equipment and materials could be on the drilling location:

Equipment / Materials	Potential Hazard
Approximately 10 - 15 Pump Trucks	Medical, Fire/Explosion, Spill/Release
2 Blender Trucks	Medical, Fire/Explosion, Spill/Release
Belt Truck	Medical, Fire/Explosion, Spill/Release
Perforation Truck	Medical, Fire/Explosion, Spill/Release
Crane	Medical, Fire/Explosion, Spill/Release
Sand Tanks	Medical, Fire/Explosion, Spill/Release
Frac Tanks	Medical, Fire/Explosion, Spill/Release
Man Lift	Medical, Fire/Explosion, Spill/Release
Acid Truck	Medical, Fire/Explosion, Spill/Release
Fork Lift	Medical, Fire/Explosion, Spill/Release
Gel Truck	Medical, Fire/Explosion, Spill/Release
Communications Truck	Medical, Fire/Explosion, Spill/Release
Diesel Truck	Medical, Fire/Explosion, Spill/Release
Diesel Fuel	Medical, Fire/Explosion, Spill/Release
80/90 wt gear oil	Medical, Fire/Explosion, Spill/Release
5/40 motor oil	Medical, Fire/Explosion, Spill/Release
Antifreeze	Medical, Fire/Explosion, Spill/Release

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Ethylene Glycol	Medical, Fire/Explosion, Spill/Release
Tri-Ethylene Glycol	Medical, Fire/Explosion, Spill/Release
Frac Sand	Medical, Fire/Explosion, Spill/Release
Hydrochloric Acid (HCl)	Medical, Fire/Explosion, Spill/Release
Friction Reducer	Medical, Fire/Explosion, Spill/Release
Gelling Agents	Medical, Fire/Explosion, Spill/Release
Biocide	Medical, Fire/Explosion, Spill/Release
Scale Inhibitor	Medical, Fire/Explosion, Spill/Release
Iron Control	Medical, Fire/Explosion, Spill/Release
Gel Breaker Agent	Medical, Fire/Explosion, Spill/Release
Corrosion Inhibitor	Medical, Fire/Explosion, Spill/Release

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A(3.0) Description of Production Operations

During the production phase, the well stream will flow through buried, welded piping to Gas Production Units. At this point, the gas will be separated from the water and sent through a meter to a sales pipeline. The water will be piped and stored in above ground tanks on the well site. Well pressures and flow rates will be monitored and recorded to ensure proper facility operation. All facilities will be installed according to industry standards and will have appropriate safety systems in place.

A(3.1) Anticipated Equipment/Materials

Production

Equipment / Materials	Potential Hazard
Well Head	Medical, Fire/Explosion, Spill/Release
Buried Flow Line	Medical, Fire/Explosion, Spill/Release
Sand Separator	Medical, Fire/Explosion, Spill/Release
Gas Processing Unit	Medical, Fire/Explosion, Spill/Release
Water Tanks	Medical, Fire/Explosion, Spill/Release
Condensate Tank	Medical, Fire/Explosion, Spill/Release
Water Truck Hauling & Hook Up Equipment	Medical, Fire/Explosion, Spill/Release
Pig Launcher	Medical, Fire/Explosion, Spill/Release

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M & R Station

Equipment / Materials	Potential Hazard
Flowline	Medical, Fire/Explosion, Spill/Release
Pig Receiver	Medical, Fire/Explosion, Spill/Release
Two Phase Separator	Medical, Fire/Explosion, Spill/Release
Filter Units	Medical, Fire/Explosion, Spill/Release
Heater Unit	Medical, Fire/Explosion, Spill/Release
Dehydration Tower	Medical, Fire/Explosion, Spill/Release
50 – 100 Barrel Water Tank	Medical, Fire/Explosion, Spill/Release
Meter House	Medical, Fire/Explosion, Spill/Release
Meter Skid	Medical, Fire/Explosion, Spill/Release

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B DISTRIBUTION OF THE SITE SAFETY PLAN

Copies of this Plan will be located at NNE's corporate office building in Charleston, West Virginia, its field office in Morgantown, West Virginia, with the Designated Response Coordinators and field operation sites when applicable. This Plan may be accessed electronically by all NNE employees on the company's shared drive/share point. All NNE employees are to abide by the provisions of this Plan and are required to participate in its implementation. This Plan will also be shared with external entities such as the Monongalia County Office of Emergency Management within at least seven (7) days prior to earth disturbance and/or well work.

Efforts will be made to familiarize police, fire departments, emergency response teams and the County Emergency Management Coordinator with the layout of the well site, the properties and dangers associated with the equipment and materials that are on site, places where personnel would normally be working, and the possible evacuation routes should an emergency occur.

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Chemical Inventory & Material Safety Data Sheets ("MSDS")

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A Material Safety Data Sheets (“MSDS”)

MSDS Sheets will be provided upon request on a CD or USB drive.

B Location of MSDS

MSDS sheets will be kept in the company trailer during the drilling and completion phases of operation. Any Contractors that bring hazardous materials on site will provide MSDS for such. The onsite supervisor will be responsible for ensuring that all MSDS sheets are obtained and are easily accessible in case of an emergency.

C DRILLING MUD

1,500 bbl of 12.9 ppg synthetic drilling mud will be used along with the below listed chemicals. The mud will be kept in an open top above ground mud pit and circulated by nozzles and paddles.

Material	Unit	Amount
Barite	4000lb	9
Calcium Chloride Powder	50lb	200
Carbo Gel	50lb	60
Base Oil	1 gal	1440
Lime	50lb	69
Mil Sorb	50lb	87

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**Blow Out
Preventer
("BOP") and
Well Control**

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A BOP EQUIPMENT – DRILLING PHASE

From the shoe of the surface casing string (13-3/8") to KOP, the well will be drilled on fluid. For this section, at a minimum, a 13-5/8" 3,000 PSI annular-type BOP will be utilized as a means of well control.

A 13-5/8" 5,000 PSI API flanged casing head will be welded onto the top of the surface casing string (13-3/8") below grade after it has been set and cement has cured for a minimum of 8 hours. It is upon this casing head that the annular-type BOP will be bolted and torqued to specification as a means of well control for the section.

For the remainder of the drilling of the well on fluid; at a minimum and from bottom to top; an 11" 5,000 PSI kill spool, an 11" 5,000 PSI blind ram-type BOP, an 11" 5,000 PSI pipe ram-type BOP, and an 11" 5,000 PSI annular-type BOP will be bolted and torqued to specification upon the 11" 5,000 PSI casing head.

B PROCEDURE AND SCHEDULE FOR TESTING BOP

For the bottom and horizontal wellbore drilling phase, function testing of BOP equipment shall occur upon initial installation, weekly, and after each trip. Pressure testing of all BOP equipment shall occur upon initial installation and every twenty-one (21) days thereafter, should the well not be completed within that time. Annular preventers are to be tested to seventy percent (70%) of the rated capacity and ram preventers should be tested to eighty percent (80%) of the rated capacity according to the following procedure;

- For the testing of the 3,000 PSI annular-type BOP before drilling through the shoe of the surface casing string to KOP, a plug-type will be inserted into the casing head on drill pipe. After a successful function test, the annular BOP will be closed around drill pipe and the void between the plug will be pressurized using fluid as a medium. This shall consist of a minimum five minute low pressure (300 PSI maximum) test, and a thirty minute high pressure (2,100 PSI minimum) test. Annular preventer and valves shall be tested from the direction they are exposed to wellbore pressure. A successful test shall consist of less than a 10% bleed off after buildup over the entire duration of the low/high test period.
- For the testing of the BOP stack from KOP to TD of the well, a plug-type tester will be placed into the bowl of the 11" 5M x 9-5/8" casing head. After a successful functional test, all rams, valves, TIW valves, chokes, and annular preventers will be pressure tested from the direction they are subjected to wellbore pressure. The annular preventer will be tested by pressurization around drill pipe using water as a medium and subject to a minimum five minute low pressure (300 PSI maximum) test, and a minimum thirty minute high pressure (2,100 PSI minimum)

for 3M equipment, 3,500 PSI minimum for 5M equipment) test. Rams, valves, TIW, and choke components shall be tested using water as a medium and subject to a minimum five minute low pressure (300 PSI maximum) test, and a minimum thirty minute high pressure (2,400 PSI minimum for 3M equipment, 4,000 PSI minimum for 5M equipment) test. Each individual component must pass its respective test before drilling may commence. A successful test shall consist of less than a 10% bleed off after buildup over the entire duration of the low/high test period.

C ASSEMBLY INSTALLATION SCHEDULE

- During top hole operations a 13-5/8" 5,000 PSI API flanged casing head will be welded onto the top of the surface casing string (13-3/8") below grade and an 13-5/8" 3,000 PSI annular-type BOP will be used to KOP
- From curve to TD the following will be added to the flanged casing; 11" 5,000 PSI kill spool, 11" 5,000 PSI blind ram-type BOP, 11" 5,000 PSI pipe ram-type BOP, and 11" 5,000 PSI annular-type BOP 11" 5,000 PSI casing head.

D PERSONNEL WITH WELL CONTROL TRAINING

Throughout operations, the following Northeast Natural Energy representatives shall have and maintain IADC well control certification:

- Zach Arnold- General Manager
- Jay Hewitt – Drilling Manager
- Ian Costello – Drilling Engineer
- Any onsite consultant hired to oversee drilling or completions operations

E SYSTEM OF MAINTAINING DETAILED RECORDS

A detailed Driller's Log shall be maintained, including but not limited to, lost circulation, the presence of hydrogen sulfide gas, fluid entry, kicks, and abnormal pressures.

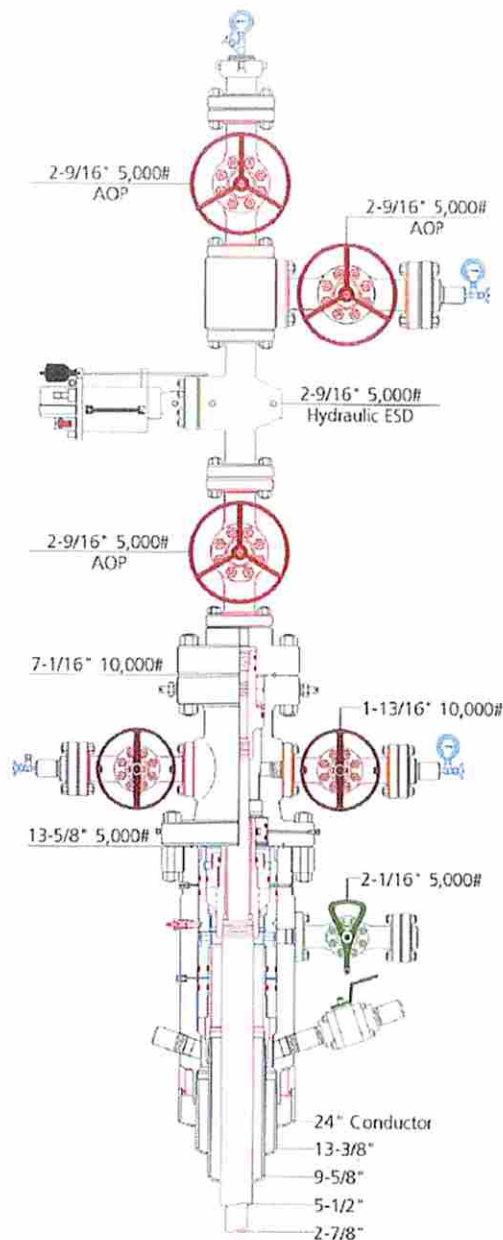
F NOTIFICATION OF THE OFFICE OF OIL AND GAS

The WV DEP Office of Oil and Gas will be immediately notified of the presence of hydrogen sulfide gas above 10 ppm, significant kicks, or blow-out events.

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G WELL HEAD ASSEMBLY

A 5,000 PSI production tree will be placed upon the tubing spool after the drill out process. This unit will consist of, at a minimum and from bottom to top; one flanged 2-9/16" 5,000 PSI gated master valve, one 2-9/16" 5,000 PSI hydraulic or pneumatic gated ESD valve, a studed three-way tee, a flanged 2-9/16" 5,000 PSI gated swab valve, and a 5,000 PSI flanged tree cap. The side outlet of the studed three-way tee shall include a flanged 2-9/16" 5,000 PSI gated wing valve. A schematic of the proposed wellhead and tree assembly is attached for reference.



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H WELL KILLING PROCEDURE

An oil-based synthetic drilling fluid will be utilized for the bottom and horizontal sections of the well. A total onsite volume of 1,600 Bbls (1.5 times the hole volume) will be maintained at 12.5 ppg. Enough weighting material, in the form of barite, will be kept onsite to increase the density of the entire volume of drilling mud by 1.0 ppg. This constitutes enough weighting material to initiate a 16 ppg slug, should a kick be encountered.

Dual-purpose paddle style mixing/reserve tanks will be used for the blending of mud additives and weighting material. A minimum of two units will be employed, with the final number based upon the drilling contractor selected.

The well will be drilled in an overbalanced manner to maintain control over formation fluids. Should a kick be detected, the well will be killed by either the IADC approved "Driller's Method" or "Wait and Weight" method. Bottomhole pressure will be calculated from SIDPP obtained post-kick, and the drilling fluid density will be increased by adding barite to the system and circulated throughout the wellbore when using the "Wait and Weight" method. After circulation with either method, the well will then be checked for flow, and if none is detected, then drilling operations will resume.

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Hydrogen Sulfide ("H₂S")

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A DETECTION, MONITORING AND WARNING EQUIPMENT

Based upon previous experience and history in the area, no H₂S is expected to be encountered during the drilling or completion activities of the MIP SW. As a means of additional protection, mud loggers will be utilized during the drilling process to monitor any gas stream from the well through the flowline during the bottom and horizontal sections. Additional portable detection equipment shall be available on or near potential sources of explosive or hydrogen sulfide gases on the pad throughout all operations. Monitoring equipment shall be calibrated by and in accordance with the supplying contractor's guidelines. Detection of either shall sound an alarm which notifies personnel to shut in the well(s) and evacuate to the predetermined safe zone immediately.

B H₂S TRAINING

A safe zone upwind and away from the well will be established at the beginning of each tour. Personnel are trained to evacuate the well and gather at this safe zone immediately at the first sound of an H₂S explosive gas alarm.

When in a historically known area, or after H₂S is first detected, operations will halt, evacuation procedures will be followed, and all personnel will be trained for detailed H₂S protocols before operations begin or resume.

C NOTIFYING THE OFFICE OF OIL AND GAS

In the event that H₂S is encountered, after all personnel have gathered in the safe zone, the onsite supervisor will take a head count, and then proper offsite notifications shall be made. The DEP Office of Oil and Gas will be notified by a phone call to both the local inspector and the emergency number.

D PROTECTION ZONES

A wind sock and/or flags will be utilized on location to identify wind direction, and safe zone upwind and away from the well will be established at the beginning of each tour. Personnel are trained to evacuate the well and gather at this safe zone immediately at the first sound of an H₂S explosive gas alarm.

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E LIST OF PERSONAL PROTECTIVE EQUIPMENT ("PPE")

Since drilling in a historically known area to not contain H₂S through the intervals drilled, H₂S specific PPE will not be kept on site. Centralized H₂S alarms, and supplemental personal alarms, will be maintained and used throughout the drilling and completion process. Personnel on site will be notified to cease the current operation safely, shut-in all wells on the pad, and evacuate all personnel to the pre-determined safe zone at the first signal of H₂S from these alarms. It is at this time that NNE personnel would assess the hazards, and bring in H₂S specialists and PPE to mitigate the situation. Normal work would return to the pad after all personnel passed a specific H₂S training and were equipped with the proper PPE.

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Flaring

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A FLARING PLAN

Post frac, a system of 2" and 3" Figure 1502 integrated-hammer pup joints will be assembled from the wellhead to a 5,000 PSI plug catcher and choke manifold. The choke manifold shall consist of two parallel adjustable chokes to control the initial flow of the well. Using the same construction iron, from the choke manifold, flow will enter a high capacity temporary production unit. The liquid fraction from the well will be diverted to gas buster equipped frac- tanks on location. All or part of the gas fraction from the well will be diverted to a thirty foot flare stack approximately 150' downwind of the wellhead. Any gas not diverted to a flare line shall be diverted to sales.

Iron pipe used in the flow/flare line assembly shall be banded at the joints with chain or steel cable. The flow/flare assembly shall be anchored in place by attachment to concrete blocks at vendor recommended intervals.

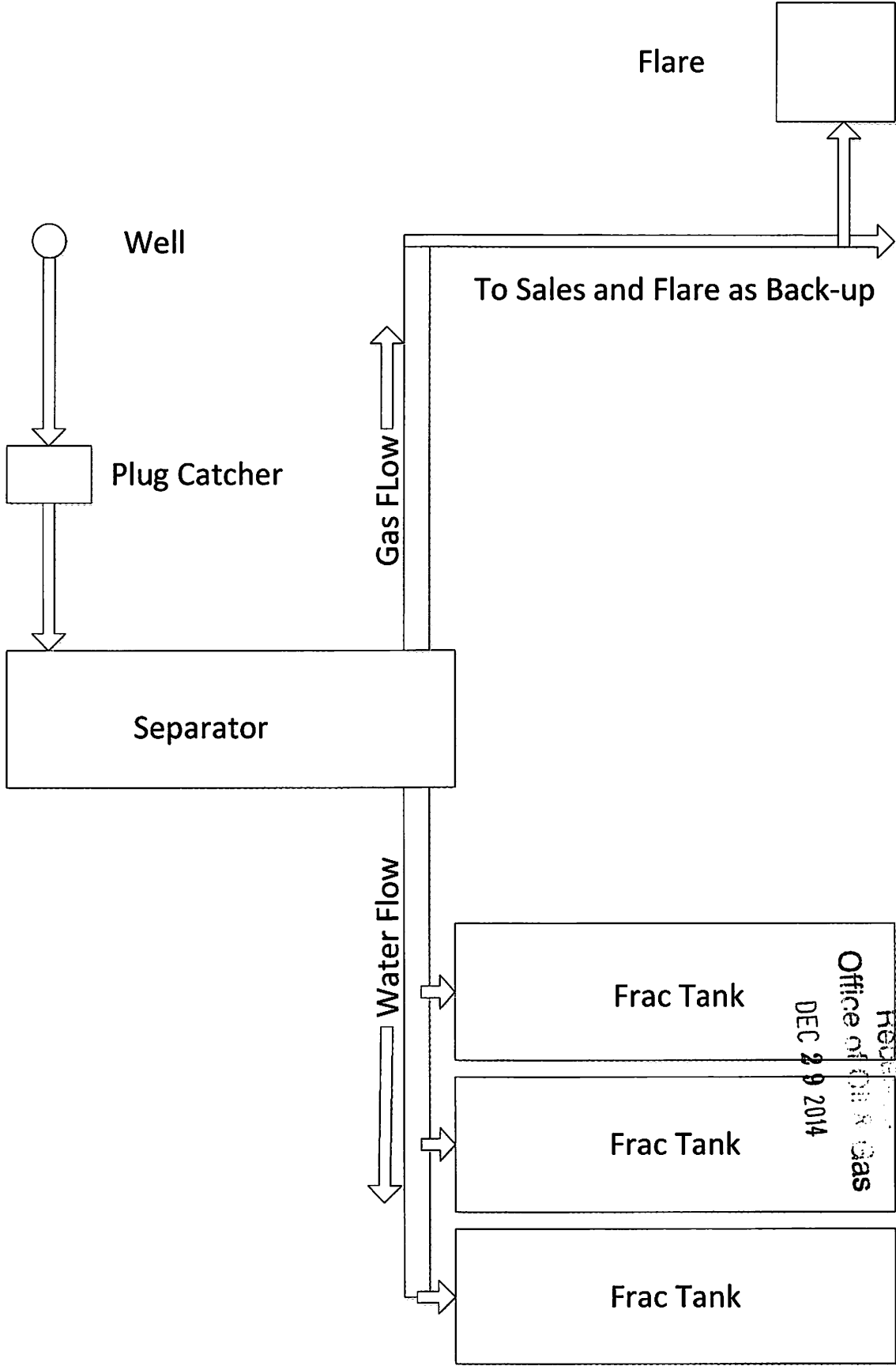
The flare stack will be equipped with an electronic ignition system, and a minimum of two backup ignition sticks will be kept on location at all times.

All gas diverted through the choke manifold shall either be burned through the flare stack or sent to sales. The local fire department will be given prior notice of the window in which gas flaring is to occur. They will also be notified immediately prior to lighting the flare, if possible, otherwise, as soon after lighting the flare as possible.

A 50' circumference shall be maintained around the flare stack which is to be kept free of flammable materials at all times prior to and during the flaring of any gas.

It is expected to flare the gas fraction of the well stream for a one week period.

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Collision Avoidance

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→ Horizontal

A DESIGN TO PREVENT UNDERGROUND COLLISIONS

Northeast Natural Energy LLC deploys multiple safety practices and devices when drilling on pre-existing pads with producing wells.

During the surface section of a well, a wireline survey tool will be ran every 250' while drilling to monitor wellbore deviation.

Wireline surveys will continue to be run while drilling the intermediate section in 250' intervals. Additionally, a full gyro survey will be taken with surveys every 100' from TD to surface inside of the intermediate casing after being set and cemented.

On the bottom section of the well, directional surveys will be taken at a minimum of 100' intervals below the shoe of the 9-5/8" casing while using MWD technology.

Information gathered will be used to continually monitor the distance from each offset well on the pad and when necessary, at any point in the drilling process, directional drilling equipment will be brought in to adjust the wellbore trajectory and provide a safe clearance from offset wells.

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