

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

November 04, 2013

WELL WORK PERMIT

Rework-Secondary Recovery

This permit, API Well Number: 47-10301658, issued to HG 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: C. C. PENNICK G-15

Farm Name: WV PUBLIC LANDS CO.

API Well Number: 47-10301658

Permit Type: Rework-Secondary Recovery

Date Issued: 11/04/2013

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 within 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. If well work related activities require the use of water obtained by withdrawals from waters of this state in amounts that exceed two hundred ten thousand gallons during any thirty day period, the operator is required to consult, and adhere to, the guidance provided by DEP's Water Withdrawal Guidance Tool prior to any water withdrawals.

WW-3B 10/07



| 1) Date | July 25, 2013 | | | | | | |
|--------------------|---------------|------------------------|-----------|------|--------|--|--|
| 2) Operator's Well | No. | C. C. Pennick No. G-15 | | | | | |
| 3) API Well No. | 47 | | 103 | | 1658 | | |
| | State | | County | | Permit | | |
| 4) UIC Permit No. | | Ţ | JIC2R0950 |)1AP | | | |

STATE OF WEST VIRGINIA NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

|) WELL TYPE | C: | Liquid | Injection | X | | Gas Injection | on (not s | torage) | Wast | e Disposal | | |
|---------------------------------|----------------|--------------------------|---------------------|----------------|------------|----------------------------------|-------------------|------------------------------------------|---------------|-------------|---------------|-------------|
|) LOCATION: | | Elevation | 1295' | | | W | atershed | Fluhar | ty Fork | | | |
| 100/11/01/ | District | | Green | | Cou | inty Wet | tzel | | Quadrangle | Cen | terpoint 7.5' | |
| WELL OPE | PATOD. | HG Energ | w LLC | | 4944979 | 948 8) E | ESIGN | ATED AGENT: | | Mike Kirscl | 1 | |
| WELL OPE | AHON. | 5260 Dup | | | 4041016 | 0,10 | 10101 | | | 5260 Dupon | | |
| | | | urg, WV 2 | 6101 | | | | | | Parkersbur | g, WV 26101 | |
| OIL & GAS | INSPECT | OR TO BE | NOTIFIE | D: | | 10) | DRILLI | NG CONTRAC | TOR: | | | |
| OH & OHO | | Derek Ha | | 7.0 | | | | | To Be Determ | ined Upon P | ermit Approva | d |
| | | PO Box 8 | | | | | | Address | | | | |
| | | Smithvill | e, WV 261 | 78 | | _ | | | | | | |
|) PROPOSED | WELL W | ORK: | Drill | | | Drill Deep | er | Redrill | | Stimulate | X | |
| | | | | | ld Forma | | | rate New Form | ation | | Convert | |
| | | | Other | Physic | al Change | e in Well (specif | y) | | | | | |
|) Geological ta | arget form | ation | | Gordo | n | Del | oth | 3,142 | Ft. (Top) to | | 3,206 Ft. | (Bottom) |
|) Estimated d | epth of cor | npleted we | ell (or actu | al dept | h of exist | ing well) | | 3371' | | Ft. | | |
|) Approximat | | | | Fresh | | 600 | Ft. | | Salt | 1,62 | 6 Ft. | |
|) Approximat | | | | | 1 | 115 | Ft. | | | | | Pal |
|) Is coal being | | | | | Y | es | 700 | X No | | | | |
| | | | at fammati | on: | | 60 | | psig. | Source | | Estimated | 8-17 |
| | | | | on. | | 2.000 | _ | | | | | |
| Estimated r | | 2.00 | | | | 1200 | E lector | psig. | 2-1 | | 2100 | |
|) MAXIMUM | PROPOSI | ED INJEC | TION OPI | ERATIO | DNS: | Volume per ho | ur 25 | bbl/hr | Bottom Ho | e Pressure | 2400 | psi |
| nd other ch | IDENTIF | ICATION (s needed to | OF MATE maintain | RIALS water | TO BE II | NJECTED, INC nd improve oil i | LUDIN recovery | G ADDITIVES | Fresh w | ater, produ | ed water, ba | actericides |
|) FILTERS (I | C. Transaction | | | | | oal bed filters | | | | | | |
| | | R CATHOL | DIC PROT | ECTIC | N AND C | THER CORRC | SION C | ONTROL | | | | |
| z) Si Boli ion | 1101110 | v Ommor | 21011101 | | | | | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | | | | |
| B) CASING AN | ND TUBIN | G PROGR | AM | | | | | | | | | |
| tania on | | CDECL | DIO ADION | JC. | | FOOTAGE | INTER | VALS | CEMENT FILLUP | | PACK | PACKERS |
| ASING OR UBING TYPE | Size | Grade | FICATION Weight | New | Used | For Drilling | | eft in Well | | S (CU. FT.) | | |
| onductor | Size | Grade | Weight | 1360 | Osca | 1 or Dinning | | | | | Kinds | |
| esh Water | 8 5/8" | LS | 20# | X | | 528' | | 528' | Use Existin | g Casing | Tension | |
| oal | 5.0.0 | 1 | | | | | | | | | Sizes | |
| ntermediate | 4 1/2" | J-55 | 10.5# | X | | 3276' | | 3276' | Use Existin | g Casing | | |
| roduction | 2 7/8" | J-55 | 6.4# | X | | 3343,80' | | 3343.80' | Use Existin | g Casing | Depths Set | |
| ubing | | | | | | | | | | | D C | |
| iners | 3 = | | | | | | | | | | Perforation | ttom |
| | 1 | | | | | | 4 | | | | Top Bo | ttom |
| | | |) II II | - | | | | | | | | |
| | | | | | | 3 5 77 0 | OC P | | | | | |
| 24) APPLICAN | | | | | | | C.C. Pe | | whom 9.4 100 | 5 | of record in | the |
| by Dee | d | Lease | X | - | ther Cont | | Date | i | mber 24, 189 | | 214 | the |
| | | Wetzel | | Coun | y Clerk's | Office in | Leas | Book Book | 47 | at Page | 214 | |

State of West Virginia Division of Environmental Protection Section of Oil and Gas

Well Operator's Report of Well Work

| Farm name: | WV PUBLIC | C LANDS CORP. | | | | PENNICK G- | 0 |
|-----------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------|-----------------------|---------------------------------|--------------------------------|----------------------------------|
| LOCATION: Elevation: | | 1,295.00 | | drangle: | CENTER | | |
| | District: Latitude: Longitude: | GREEN 7,625 Feet south of 7,900 Feet west of | Cou f 39 | | TZEL Min 0 | Sec. Sec. | |
| Company: | P.O. BOX 55 | URCES, INC. 19 V 26105-5519 | | Casing & Tubing | Used in Drilling | Left | Cement Fill Up |
| Agent: | MICHAEL M | | | Size | Diffing | in Well | Cu. Ft. |
| Inspector: Permit Issued: Well work Con | MIKE UNDE | | | Size | | | |
| Well work Con Verbal plugging permission gran | npleted: | 11/07/03 | | 7" | 528.00 | 528.00 | existing |
| Rotary X Total Depth (fee Fresh water dep | _Cable et) 3 | Rig 5371 NA | | 4 1/2" | 3276.00' | 3276.00' | existing |
| Salt water depth | 2.3 | NA NA | | 2 7/8" | 3343.80' | 3343.80' | 50 sks |
| Is coal being mi Coal Depths (ft) OPEN FLOW D | : - | N) NA NA NA Waterflood injector director | tionally | drilled to | new bottom | hole location | |
| | ng formation | Gordon | | 1 | Pay zone de _l | oth (ft) | 3257-3274 |
| Gas: | Initial open flow Final open flow | | CF/d | Oil: Initial | l open flow | our (11) | Bbl/d |
| | | vM flow between initial an | CF/d | Final | open flow | | Bbl/d |
| Static ro | ock pressure | ps | ig (sur | tests face press | ure) a | Hours | Hours |
| Gas: | producing form Initial open flow Final open flow Time of open ck pressure | More More More More More More More More | CF/d d final | Oil: Initial Final | Pay zone depopen flow open flow | Hours | Bbl/d Bbl/d |
| NOTE: ON BACK O OR STIMULATING | OF THIS FORM, P | UT THE FOLLOWING: 1) DO ANGE, ETC. 2) THE WELL L RMATIONS, INCLUDING CO | ETAILS | OF PERFO | RATED INTE | DET Affice of VELLBORE. | Hours FIXED Oil and Gas 2 6 2013 |
| | | For: EAST RE By: Date: | SOUR | 28, INC. | Beli- | | partment of |

Treatment:

Treated perfoations 3262'-3273' w/ 250 gals 15% HCL,294 bbls cross linked gel and 19,800 # 20/40 sand

This well was partially plugged, a whipstock set at 2330', and directionally drilled to a new bottom hole location $433' S 78.6^{\circ} W$ of surface location.

Well Log:

| See original well record | 0' | 2330' | TVD |
|--------------------------|-------|-------|-----|
| Big Lime | 2330' | 2420' | MD |
| Big Injun | 2420' | 2538' | MD |
| Shale | 2538' | 3220' | MD |
| Gordon Stray | 3220' | 3246' | MD |
| Shale | 3246' | 3254' | MD |
| Gordon | 3254' | 3274' | MD |
| Shale | 3274' | 3371' | MD |
| TD | 3371' | | MD |

WW-3A 10/07



| | 1) Date: | July 25, 2013 | | | | | |
|------------------------|-----------------|---------------|------------------------|------|--------|--|--|
| 2) Operator's Well No. | | | C. C. Pennick No. G-15 | | | | |
| | 3) API Well No. | 47 | 103 | 7-7 | 1658 | | |
| | CONTRACTOR | State | County | | Permit | | |
| | 4) UIC Permit N | 0. | UIC2R095 | 01AP | | | |

STATE OF WEST VIRGINIA NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

| 5) Surface Owner(s) To Be Served | 7 (a) Coal Opera | ator |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|
| (a) Name WV Public Lands Corporation | Name | NA |
| Address 1900 Kanawha Blvd. East | Address | |
| Charleston, WV 25305 | - | |
| (b) Name Dept of Natural Resources - Gary Foster | 7 (b) Coal Own | er(s) With Declaration Of Record |
| Address 1304 Goose Run Road | Name | NA |
| Fairmont, WV 26554 | Address | |
| (c) Name | 1 da coo | |
| Address | Name | NA |
| Audress | Address | III |
| | Address | |
| 6) Inspector Derek Haught | 7(c) Coal Lesse | e With Declaration Of Record |
| Address PO Box 85 | | NA |
| Smithville, WV 26178 | _ | |
| Telephone 206-7613 | - | |
| TO THE PERSON(S) NAMED ABOVE: You should have | | form and the following documents: |
| | | |
| (1) The Application for a Liquid Injection or Waste Disposal W | ell Work Perm | it on Form WW-3(B), which |
| sets out the parties involved in the drilling or other work; | | |
| (2) The plat (surveyor's map) showing the well location on For | | |
| (3) The Construction and Reclamation Plan on Form WW-9 (u | nless the well v | vork is only to plug a well), |
| which sets out the plan for erosion and sediment control ar | nd for reclamat | ion for the site and access road. |
| The date proposed for the first injection or waste disposal is | NA | |
| THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU | | C DECARDING THE ADDITION |
| WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON FORM | | |
| ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL. | WW-5(A) DESIG | NATED TO TOO. HOWEVER TOO |
| ARE NOT RESCRIED TO TAKE ANY ACTION AT ARE. | | |
| Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned | l well operator pro | poses to file or has filed this Notice and |
| Application and accompanying documents for a Well Work Permit with the Chie | ef of the Office of O | il and Gas, West Virginia Department of |
| Environmental Protection, with respect to a well at the location described on the | | 가장이 보고 있다. 경기 및 100 HT 100 |
| WW-6. Copies of this Notice, the Application, the plat, and the Construction and | | |
| certified mail or delivered by hand to the person(s) named above (or by publicati | on in certain circu | mstances) on or before the day of the |
| mailing or delivery to the Chief. | | |
| m | C-11 | |
| The person signing this document shall make the | ionowing certific | ation; |
| "I certify under penalty of law that I have personally examined and am | Well Operator | HG Energy, LLC |
| familiar with the information submitted in this document and all attachments | Address | 5260 Dupont Road |
| and that, based on my inquiry of those individuals immediately responsible | *************************************** | Parkersburg, WV 26101 |
| 50 영어 16 영향 지역 경험이 되었다면서는 해 없어야다. 16 등에 하게 하게 하게 되었다면서 하게 되었다. 16 등에 하셨다면서 16 등에 하셨다면 하는 16 등에 | | 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 |
| for obtaining the information, I believe that the information is true, accurate | | |
| for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting | By: | Diane C. White |
| and complete. I am aware that there are significant penalties for submitting | By: Its: | Diane C. White Accountant |
| 마이크 그리고 하다는 얼룩한 사람들이 얼마가 얼마나 사람들이 되었다. 아이들이 얼마나 아이들은 얼마나 나는 얼마나 아니는 사람이 되었다. 나는 사람이 아이들이 살아 먹었다. | | |
| and complete. I am aware that there are significant penalties for submitting | Its: | |
| and complete. I am aware that there are significant penalties for submitting | | |
| and complete. I am aware that there are significant penalties for submitting | Its: | |
| and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment." | Its: Signature | Diang Chite |
| and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment." Oil and Gas Privacy Notice | Its: Signature Idress and phone n | Accountant Diang-Cuhite Office regulator MdeGas f business or as needed to comply with statutory |

WV Department of Environmental Protection WW-2B1

Well No. C. C. Pennick No. G-15

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.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

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

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

| X Contractor Name | Sturm Environmental Services |
|-------------------|------------------------------|
| Well operator's | private laboratory |
| Well Operator | HG Energy, LLC |
| Address | 5260 Dupont Road |
| | Parkersburg, WV 26101 |
| Telephone | 304-420-1119 |

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 underlining which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

No known Water Supply Sources are located within 2000' of proposed well.

| | Page | 3 | of | 3 |
|---------------------|------------|---------|----------|------|
| API 1 | Number 47- | 103 | | 1658 |
| Operator's Well No. | C. C. Per | nnick N | lo. G-15 | |

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

| Operator | HG Energ | gy, LLC | | O. | P Code | 494497948 | |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------|------------------------------------------|----------------------|
| Watershed | Fluharty | Fork | | Quadrangle | Centerpo | oint 7.5' | |
| Elevation | 1295' | County | Wetzel | District | Gre | een | 3 |
| Description o | f anticipated Pit Waste: | Fluids encoun | tered in stimulating exi | sting well. | | | 57 |
| Do you antici | pate more than 5,000 bbl | s of water to compl | lete the proposed well worl | Yes | No X | | 7/1 |
| Will a synthe | tic liner be used in pit? | Yes | If so, what mil.? | 20 Mil. | | | |
| Proposed Disp | oosal Method For Treated | l Pit Wastes: | | | | | |
| | X Land Appli | | | | | | |
| | | nd Injection (UIC | Permit Number | | | à | <u>)</u> |
| | | API Number | | | | | <u>)</u> |
| | Off Site Dis | | m WW-9 for disposal locat | ion) | | | Š. |
| TO 1111 | | (Explain | | 241 | | | 2 |
| | um anticipated for this w | | - 1 | NA | | | _ VMH |
| Additives to b | - If oilbased, what type? e used? Water, so: | | ım, etc. | | | | - 8-12-13 |
| | disposal method? Leave | | noved offsite, etc | | | | - |
| | | | ium will be used? Cement | lime, sawdust N | lative soil, c | cement lime | - |
| | Landfill or offsite name/ | | | | | Joinette, Illie | - 1 |
| that the provi applicable law this application for obtaining to penalties for s Company Of | sions of the permit are en y or regulation can lead to I certify under penalty of on form and all attachmen the information, I believe ubmitting false information ficial Signature ficial (Typed Name) | forceable by law. Venforcement action action, including the property action, including the property action. | the West Virginia Departm Violations of any term or coon. resonally examined and am at, based on my inquiry of toon is true, accurate and coossibility of fine or imprised the Cook Cook Cook Cook Cook Cook Cook Coo | familiar with the inhose individuals inmplete. I am aware | ral permit ar nformation so nmediately re | nd/or other ubmitted on esponsible | |
| Subscribed a | nd sworn before me th | Ima | day of 501- 1 2. 2013 | 1 | otary Publi | HEU | EIVED Oil and Gas |
| Form WW-9 | * 1 107 | | | | | | and das |
| COINT W W-9 | | | 12.35 | | | SEP 2 | 6 2013 |
| | | | The same of the sa | NAME OF THE PERSONS | Colonia and | | 5 2010 |

OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA Environmental Protection

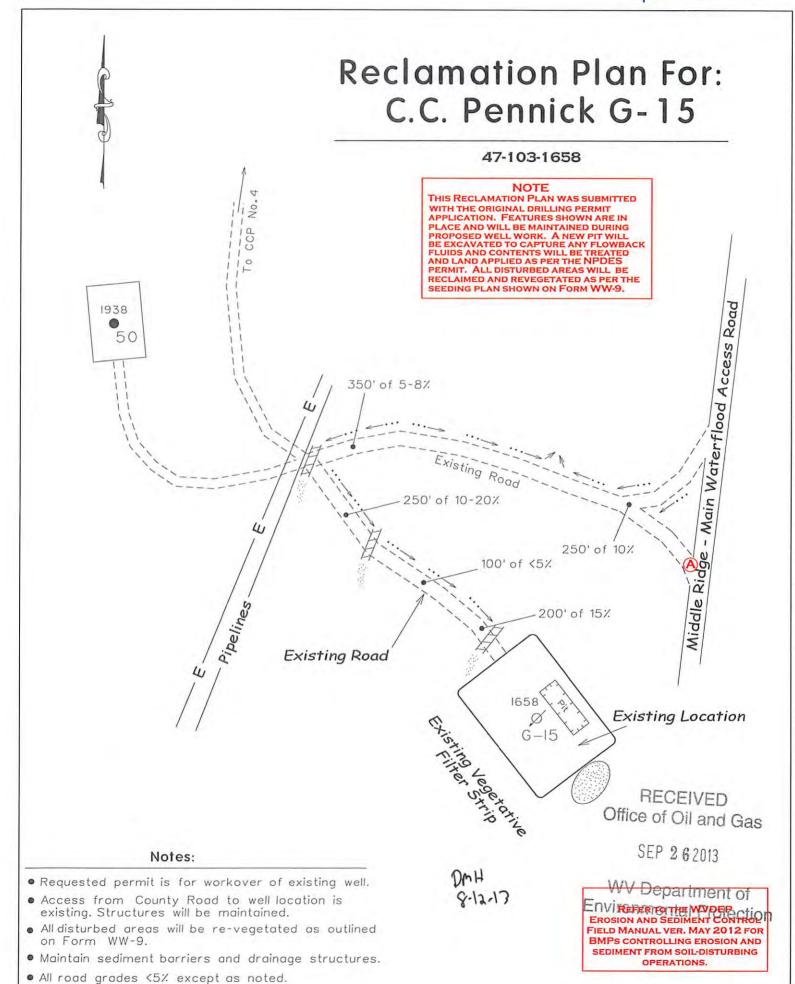
TINA L. PETHTEL HG Energy, LLC 5260 Dupont Road Parkersburg, West Virginia 26101 My Commission Expires Nov. 12, 2018

WW9-Back

Legend

Diversion

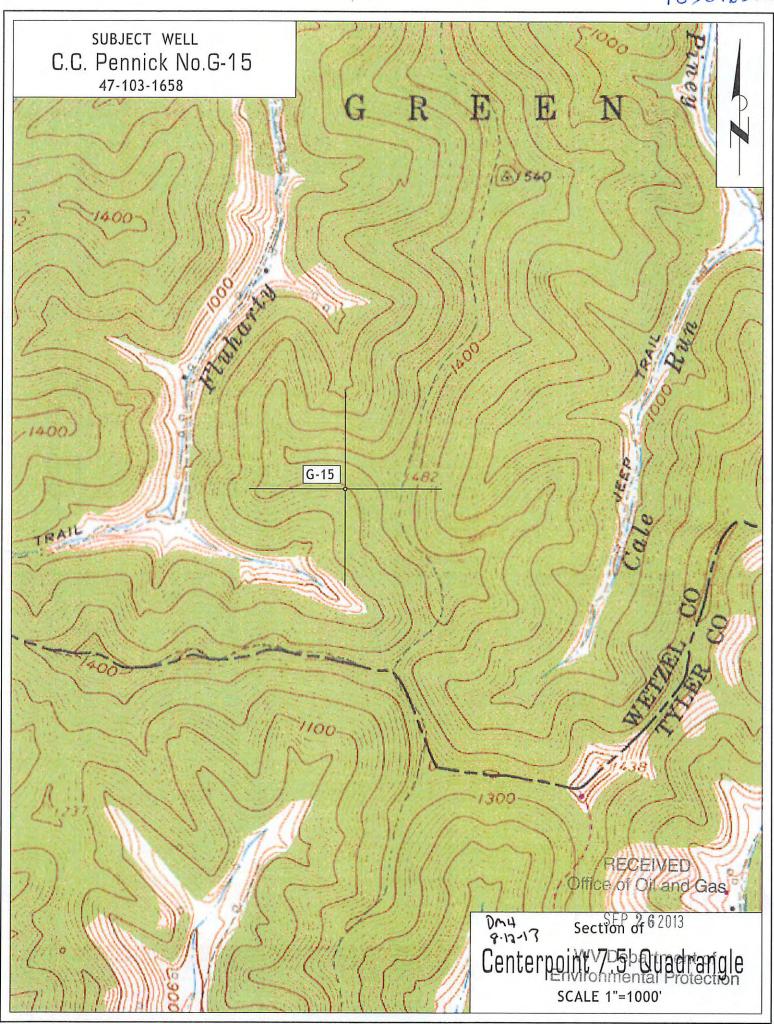
| Property Boundary | A A A | Diversion | |
|---------------------------------|-------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------|
| Road | | Spring | <u></u> → |
| Existing Fence | _xx | Wet Spot | · · · · · · · · · · · · · · · · · · · |
| Planned Fence | —/ / | Drain Pipe | —————————————————————————————————————— |
| Stream | -7 | Waterway | \longleftrightarrow |
| Open Ditch | > | Cross Drain | |
| Rock | 1000000000000000000000000000000000000 | Filter Strip | XXXXXXXXX |
| | | Pit: Cut Walls | |
| North | N | | |
| Buildings | 1922 | Pit: Compacted Fill Walls | |
| Water Wells | <u></u> | Area of Land | |
| Drill Site | \bigoplus | Application | |
| | | of Pit Waste | |
| | | | Market |
| Proposed Revegetation Treatme | Area ent: Acres Disturbed Approx. | | evegetation pH |
| * 10b0000 vo. 100mm. | Area | | |
| | Approx. | 0.2 Ac. | |
| Lime | 2 Tons/Acre or Con | rrect to pH 6.5 | |
| • | er (10-20-20 or Equivalent) 500 | | bs. Minimum) |
| Mulch | Straw 2 Tons/Acr | - | · |
| | SEED MIX | KTURES | |
| | | | |
| | I (Location) Lbs/Ac. | Seed Type | Area II (Road) Lbs/Ac. |
| Seed Type Tall Fescue | 105/AC. | Tall Fescue | 40 |
| Ladino Clover | 5 | Ladino Clover | 5 |
| • | | | 60 |
| | | | - ide |
| 11 | | | C 00/3 |
| Attach: | | < | 26 6 Do Lection |
| Photocopied section of involved | t and proposed area for land application 17.5' topographic sheet. | | Received 5 |
| | | | 3° on one |
| Plan approved by: | | | Office of Environ |
| Comments: | | | My Der |
| , , | ·· | | |
| Title; Oil | + Gas. Inspector | | Date: 8-/2-/7 |
| Field Reviewed? | (Yes | ()1 | No |



• Location of work-over pit may be changed based on

as-built considerations.

Note: Drawing not to Scale



7,625'

.4.

28

390

atitude



HG Energy, LLC 5260 Dupont Road Parkersburg, WV 26101 (304) 420-1100 - Office (304) 863-3172 - Fax

CK#2317 \$65000

July 25, 2013

Mr. Jeff McLaughlin WVDEP Division of Oil & Gas 601 57th Street Charleston, West Virginia 25304

RE:

C. C. Pennick No. G-15 (47-103-1658)

Green District, Wetzel County

West Virginia

Dear Mr. McLaughlin:

Enclosed are Forms WW-3A, WW-3B, WW-9, Mylar of plat, reclamation plan, topo map and copies of the certified mailing receipts for a permit to stimulate the above-captioned liquid injection well. Also enclosed is our check in the amount of \$650.00 to cover the associated permit fees.

Very truly yours,

Diane C White

Diane C. White

Enclosures

cc:

WV Public Lands Corporation - Certified Department of Natural Resources - Certified Derek Haught - Inspector

RECEIVED
Office of Oil and Gas

SEP 262013

WV Department of Environmental Protection