

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

February 13, 2015

WELL WORK PERMIT

Secondary Recovery Well

This permit, API Well Number: 47-8704759, 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. MCGRAW 114

Farm Name: ATKINSON, DELORES (TRUSTEE

API Well Number: 47-8704759

Permit Type: Secondary Recovery Well

Date Issued: 02/13/2015

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. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

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.

FORM WW-3 (B) 1/12



| 1) | Date: | 01/13/201 | 15 | | | | | | _ |
|----|----------|-----------|-------|-------|-------------|-----|---|--------|---|
| 2) | Operator | 's Well N | lo. | Cha | rles McGraw | 114 | | | |
| | API Wel | | 47 | | Roane | 022 | s | | |
| | | | State | - | County | - | | Permit | |
| 4) | UIC Pen | nit No. | UIC | 2R087 | 704AP | | | | |

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

| FOR THE | DEPAR | INTENT | OF ENV | TKOM | ARESTA E SETT | INOILCIN | | | |
|--|-------------|---------------|-------------------|-------------|---------------|-------------------|----------------|----------------------|-------------------------|
| 5) WELL TYPE: | Liquid | Injection | V | _1 | | on (not storage | | _ / Was | te Disposal |
|) LOCATION: | Elevation | 1: 1111' | | | Wate | rshed: Rust | n Run | | e. Looneyville 7.5' 444 |
| | | Smithfield | 4 | | Coun | ty Roane | | | |
| 7) WELL OPERAT | OR HG | Energy, LL | С | | U C | 8) DESIGNAT | ED AGEN | T Diane Whi | te |
| Addr | | 60 Dupont R | oad | | | | Address | 5260 Dupo | |
| Addi | | rkersburg, V | | | | | | Parkrsburg | g, WV 26101 |
| or a grant | | | |) | | 10) DRILLING | CONTRA | CTOR | |
| O) OIL & GAS INS | | CIUDEN | (() [] [] () | , | | Name To B | e Determine | d Upon Approv | val of Permit |
| Name Ed Gain | | | | | | Address | | | |
| Address P. O. Bo | | <u> </u> | | | | | | | |
| Spencer | , WV 2527 | 6 | | | | - | | | |
| 11) PROPOSED W | TELL WC | DRK I | Ďrill [| 0 | / Drill de | eper | / Redr | | / Stimulate |
| II) FROFOSED W | אוי בובב | p | lug off ol | d forma | tion [| / Perfora | ate new for | mation | Convert |
| | | :3624 | Other ph | vsical c | hange in we | ell (specify) | | | |
| anar agram | A D CETT | | | | 111118- | Depth | 2135' | Feet (top) | to 2155' Feet (bottom) |
| 12) GEOLOGIC T 13) Estimated Dep | ARGEL | FURWAL. | 11 (01.00 | tual den | th of existi | ng well): 2235' | TVD, 2700' TMD | Feet | |
| 13) Estimated Dep | th of Con | apleted We | en, (or ac | tuai ucp | 0 | Feet | Salt | 1635 | Feet |
| 14) Approximate v | vater strat | ta depths: | | n40 | | Tect | | 100000 | - |
| 15) Approximate c | oal seam | depths: | _NA | | 2.7 | V | | | |
| 16) Is coal being n | nined in tl | he area? | Yes | | _ No | <u></u> | Estimated | | |
| 17) Virgin reservo | ir pressur | e in target | formatio: | n_1250 | psig | Source | Esumated | 2650 | psig (BHFP) |
| and to be a second the second | | A | 1110 | | | | | 117 - 67 (200 - 7.5) | |
| | | | | ERATI | ONS: V | olume per hou | 25 BBL | _ Bottom no | |
| TO THE PARTY OF TH | STATITITI | CATIONIA | THANAI | HRIAL | SIDBELL | VIECTED, IN | | 11000111 | Fresh water, produced |
| 20) DETAILED II water, bactericide: | s and othe | r chemicals | as needed | I to main | tain water qu | ality and improve | e oil recovery | / | |
| TTO IN COURSE WHEN IN CASE | INTERN C | antidos filto | er and/or | coal filter | 2 | | | | |
| 21) FILTERS (IF 22) SPECIFICAT | IONS FO | R CATHO | DIC PRO | OTECT | ION AND | OTHER CORI | ROSION C | ONTROL | |
| 22) SPECIFICAT | IONDIO | 10211110 | | | | | | | |
| 23) CASING AND | THRING | PROGRAM | ſ | | | | | | |
| - pre- | I ODING. | | | ONIC | | FOOTAGE IN | TERVALS | CEMENT | PACKERS |
| CASING OR | - 0' | | CIFICATIO | New | Used | For Drilling | Left In | FILL-UP | |
| TUBING TYPE | Size | Grade | Weight per ft. | IVCW | Osca | 10. 515 | Well | OR SACKS | |
| | | | bei ir. | | | | | (CU. FT.) | |
| | | | | | | | | | Kinds |
| Conductor | | | a service | | -25 | 515' | 515' | CTS | |
| Fresh Water | 7" | LS ST&C | 17# | × | | 313 | 0.0 | | Sizes |
| Coal | | | | | | | | | 2.375" × 4.5" |
| Intermediate | | | | | | 00001 | 2001 | 200 sks | Depths set |
| Production | 4 1/2" | J-55 | 10.5# | × | | 2660' | 2660' | 200 303 | 2310' |
| Tubing 2,32 | 5 | J-55 | 4.6# | × | | 2410' | 2410' | | Perforations |
| Liners | | | | | , | | | - | Top Bottom |
| The state of the s | | | | | | | | _ | Top Bottom |
| | | | | | | | | | |
| | | | | | | | | | |
| 24) APPLICANT | CODET | ATINGR | IGHTS | vere acc | nuired from | C. H. McGra | | | e attended |
| | SOFE | lance V | (/ | other c | ontract | / dated | d 03/18/19 | 10 | of record in the |
| | 1 | icase/ | County Cl | erk'ent | Fice in | Lease | | Book1 | 7 Page 570 |
| Roane | | | Julity Ci | OIK BU | ///- | | | | |
| | | | | | /// | | | | |

Received Office of Oil & Gas

JAN 2 2 2015

02/13/2015

OK 7965 87047595 \$ 65000

FORM WW-3 (A) 1/12



| 1) | Date: | January | 13, 2015 | 5 | | | |
|----|----------|----------|----------|--------|----------|-----|--------|
| 2) | Operato | r's Well | No. | Charle | s McGraw | 114 | |
| 3) | API We | ll No.: | 47 | -0 | | - | |
| | | | State | | County | | Permit |
| 4) | UIC Peri | nit No. | UIC2F | R08704 | AP. | | |

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

| 5) Surface Ow | ner(S) To Be Served | /) (a) Coar | Operator | |
|---|--|---|---|---|
| (a) Name | Richard Fisher | Name | | |
| Address | 4513 Clay Road | Address | | |
| | Spencer, WV 25276 | | | |
| (b) Name | Reva Snodgrass | → □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ | Owner(S) With D | eclaration Of Record |
| Address | 3740 Tranquility Drive | Name | | |
| | Melbourne, FL 32934 | Address | 12 | |
| (c) Name | | Name | *************************************** | |
| Address | | Address | | |
| 6) Inspector | Ed Gainer | 7) (c) Coal | Lessee with Decla | ration Of Record |
| Address | P. O. Box 821 | Name | | |
| 11001033 | Spencer, WV 25276 | - Address | | |
| Telephone | 304-389-7582 | -1 | - | |
| - | PERSONS NAMED ABOVE: You s | * | | |
| parties inv (2) The plat ((3) The Cons | ication For A Liquid Injection or Waste volved in the drilling or other work; surveyor's map) showing the well location truction and Reclamation Plan on Form Wrosion and sediment control and for reclan | n on Form WV VW-9 (unless | V-6; and the well work is o | only to plug a well), which sets out the |
| | | | | |
| | proposed for the first injection or was | | | 20 |
| APPLICATION | N YOU HAVE RECEIVED THESE DO N WHICH ARE SUMMARIZED IN TH ATION [(FORM WW-3(B)] DESIGNAT ALL. | E "INSTRUC | TIONS" ON THE | REVERSE SIDE OF THE COPY OF |
| Notice and Ap West Virginia Application an and Reclamation | at under Chapter 22-6 of the West Virginian plication and accompanying documents of Department of Environmental Protection depicted on the attached Form WW-6. On Plan have been mailed by registered on certain circumstances) on or before the | or a Well Wo n, with respe Copies of thin r certified ma | ork Permit with the ct to a well at the Soutice, the Applit or delivered by left. | e Chief of the Office of Oil and Gas, he location described on the attached lication, the plat, and the Construction hand to the person(s) named above (or |
| | The person signing this document | ment shall m | ake the following | g certification: |
| (ct ,*** | 16 - £1 dr - 6 T I | minad and | Well Operator | HG Energy, LLC |
| "I certify under | r penalty of law that I have personally exa th the information submitted in this docun | mined and | Address | 5260 Dupont Road |
| am iamiliar Wi | th the information submitted in this document of that, based on my inquiry of those indiv | iduals | | Parkersburg, WV 26101 |
| immediately re | esponsible for obtaining the information, I | believe that | By: | Diane White |
| the information | is true, accurate and complete. I am awa | re that there | Its: | Agent |
| are significant | penalties for submitting false information, | including | 113. | Agoni. |
| | of fine and imprisonment. | | Signature: | Diane White |
| | | | | |

Received Office of Oil & Gas

| | U.S. Postal S | Service _{TM} | | | | | |
|------|---|-------------------------|--|--|--|--|--|
| 5378 | CERTIFIED MAILTM RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) | | | | | | |
| īΩ | For delivery information | ation visit our website | at www.usps.com | | | | |
| 74 | OFF | ICIAL | USE | | | | |
| h20h | Postage | \$ 1.61 | 5000 | | | | |
| | Certified Fee | 3.30 | JVW La | | | | |
| 0000 | Return Receipt Fee (Endorsement Required) | 2.70 | GIO Posimark Here | | | | |
| 0230 | Restricted Delivery Fee (Endorsement Required) | | 10 10 10 10 10 10 10 10 10 10 10 10 10 1 | | | | |
| 0.5 | Total Postage & Fees | \$ 7.4/ | CM114- | | | | |
| 7014 | | nard Fisher | et al. | | | | |
| 75 | Street, Apt. No.; or PO Box No. 4 | 513 Clay Ro | oad / | | | | |
| | City State ZIPLA | pencer, WV | | | | | |
| | PS Form 3800, August 2 | 006 | See Reverse for Instructions | | | | |

| 365 | (Domestic Mail C | D MAIL™ RE Only; No Insurance | Coverage Provided) | | | |
|------------------------|--|----------------------------------|------------------------------|--|--|--|
| LU | | ation visit our website | at www.usps.com _® | | | |
| 400h | OFF | ICIAL | . USE | | | |
| 1 | Postage | \$ 1.61 | | | | |
| | Certified Fee | 3.30 | Sasa | | | |
| 0000 | Return Receipt Fee (Endorsement Required) | 2.70 | Postmark Here | | | |
| | Restricted Delivery Fee (Endorsement Required) | | SIO E I MAL | | | |
| 0.510 | Total Postage & Fees | \$ 7.61 | DHINSMIL4 | | | |
| 7014 | Sent To Rev | a Snodgrass | | | | |
| STAD Iranguility Drive | | | | | | |
| | City, State, ZIP+4 | bourne , FL | 32934 | | | |
| | PS Form 3800, August 20 | 006 | See Reverse for Instructions | | | |

| *00 2 RO 5 * 1 2 PA 4 RO 6 1 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Peoples (a) Working Together, Building Success. FOR Permit - Hiram Lynch No. 114 FOR Permit - Hiram Lynch No. 114 | Six Hundred Fifty Dollars and 00/100 DOLLARS | | 904-422-6565 5260 DUPONT RD PARKERSBURG, WV 26101 DATE | LC 03-11 |
|--|--|--|--|--|----------|
|--|--|--|--|--|----------|

Received Office of Oil & Gas JAN 2 2 2015 WW-2B1 (5-12)

Well No. Charles McGraw 114

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 Sturm Environmental

Sampling Contractor

Sturm Environmental

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 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.

Surface Owners with Water Sources Identified for Sampling / Analysis:

- * Reva Snodgrass 3740 Tranquility Drive Melbourne FL 32934
- * Richard Fisher 4513 Clay Road Spencer WIV THECEIVED
- * Caroline Miller 4326 Clay Road Spencer WV 25274
- * casie Roberts 4454 Clay Road Spencer WV 25276

Office of Oil & Gas

02/13/2015

WW-9 Rev. 5/10

| Page | 570 of |
|-------------------------|-----------------|
| API Number 47 - | · |
| Operator's Well No. Cha | rles McGraw 114 |

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM

| G | ENERAL PERMIT FOR OIL A | ND GAS PIT WASTE | DISCHARGE | |
|--|---|---|---|---|
| Operator Name_HG Energy, LLC | | OP | Code <u>494497948</u> | t . |
| Watershed_Rush Run | | | | |
| Elevation 1111' | | | | |
| Description of anticipated Pit Wa | aste: Fluids encountered while d | rilling the shallow well. | | |
| Do you anticipate using more that | in 5,000 bbls of water to comple | te the proposed well w | ork? Yes | _ No _x |
| | the pit? Yes If | | | |
| Reuse Off S | | -9 for disposal location |) |) |
| Additives to be used? Water, So Will closed loop system be used Drill cuttings disposal method? -If left in pit and plan to | ? Synthetic, petroleum, etc. NA ap, KCl ? No | offsite, etc. Leave in pit used? Cement, lime, sa | awdustNative soil, (| cement and lime |
| on August 1, 2005, by the Office provisions of the permit are end law or regulation can lead to end I certify under penalty application form and all attack obtaining the information, I be penalties for submitting false in Company Official Signature | nof law that I have personally ments thereto and that, based lieve that the information is transformation, including the possibil Diane White | ginia Department of End any term or condition examined and am fant on my inquiry of the rue, accurate, and com- | nvironmental Prote of the general per miliar with the inf nose individuals in aplete. I am awar | rmit and/or other applicable formation submitted on this mmediately responsible for |
| Company Official Title Agent | | | | |
| Subscribed and sworn before m My commission expires | e this 13th day of Ja Line Lelon H. 4, 30 Received Office of Oil 8 | iy , | , 20_ | OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA S. DIANNE DULANEY P. O. Box 5519 Vienna, West Virginia 26105 Commission Expires Oct. 4, 2016 |
| | 1411 0 0 201 | 5 | 2-2-01100000000000000000000000000000000 | 02/13/20 |

JAN 2 2 2015

JAN02/13/2015

Operator's Well No. Charles McGraw 114

| £.i | EGEND | |
|--|--|--|
| Property Boundary | Diversion Communication | 111111111111111111111111111111111111111 |
| Rond = = = = = = = = = = = = = = = = = = = | Spring O | |
| Existing Fence — X — X — X — | Wet Spot | |
| Planned Fence / / / | Drain Pipe with size in inches | |
| Stream | Waterway C+ C+ | \rightarrow \leftarrow |
| Open Ditch | Cross Drain | 7111111 |
| Rock #35 86 | Artificial Filter Strip XXXXXX | XXXXXXXXXX |
| North N | Pit: cut walls | de la |
| Buildings | Pit: compacted fill walls | The state of the s |
| Water wells | Area for Land Application of Pit Was | |
| Drill site | (===================================== | |
| | * | |
| 1 | .8 acres Proventation pH | |
| Proposed Revegetation Treatment: Acres Disturbed | Flevegetation pii | |
| Lime3 Tons/acre or to correct to pH | 6.5 | |
| 500 | acre (500 lbs minimum) | |
| Fertilizer (10-20-20 or equivalent) | acre (500 lbs minimum) | |
| Mulch Straw 2 Tons/ac | pre | |
| Seed | Mixtures | |
| | Area II | |
| Area I | Seed Type | lbs/acre |
| Seed Type lbs/acre Tall Fescue 40 | Tall Fescue | 40 |
| | | 5 |
| Ladino Clover 5 | Ladino Clover | 3 |
| | | |
| a ii a Carl Dian should be in offer | t at all times | |
| Sediment Control Plan should be in effect | t at all tilles. | |
| Attach: Drawing(s) of road, location,pit and proposed area for land app | lication. | 4. |
| Photocopied section of involved 7.5' topographic sheet. | | |
| | | |
| | | |
| Plan Approved by: | | |
| Comments: | | |
| | | |
| | 1/2-1,0 | |
| Title: Inspector | Date: [20 [] | |
| Roane |) No | Received |
| Field Reviewed? | | Office of Oil & Gas |

Reclamation Plan For: Charles McGraw Wells No.206, 114 & 115

Showing Access Road to WV SR 36

NOTE

108 4750 201 4748 205

REFER TO THE WVDEP **EROSION AND SEDIMENT CONTROL** FIELD MANUAL VER. MAY 2012 FOR BMPS CONTROLLING EROSION AND SEDIMENT FROM SOIL-DISTURBING OPERATIONS.

Reva Snodgrass (LE) Pat Shannon - Surface Owner

400' of <5% Grade

Existing

NOTE: This section of road built in 2014 for the drilling of CB Ferrell 202 et al. See permit 47-087-4752 for construction details

Access

SBK ²⁵⁷⁸ No.3

Road

New Access Road to WV SR 36

Received Office of Oli & Gas

JAN 2 2 2015

REQUESTED PERMIT IS FOR DRILLING OF NEW WELL.

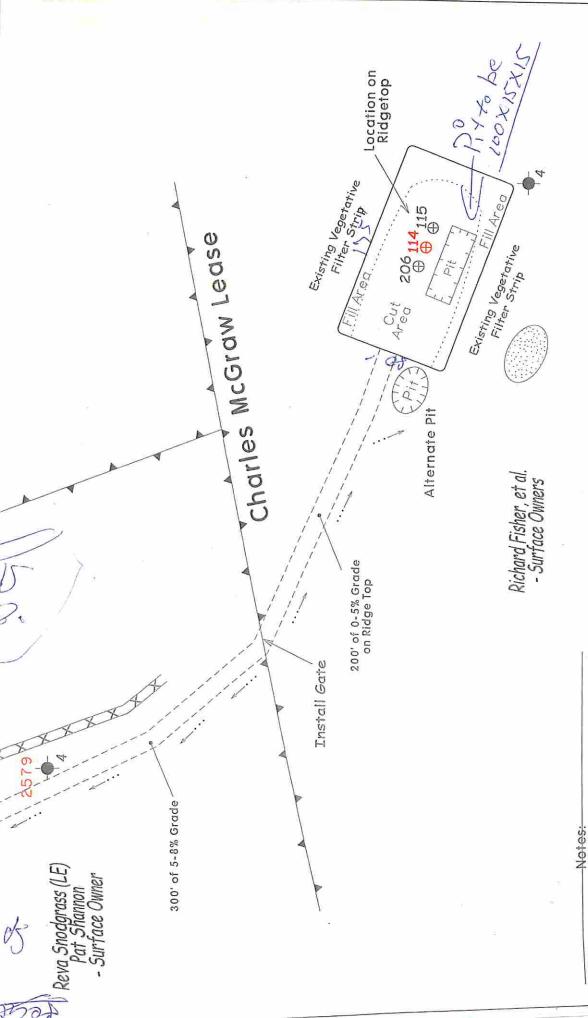
SOME ACCESS ROADS ARE EXISTING AND WILL BE UPGRADED TO WVDEP STANDARDS. NEW STRUCTURES WILL BE INSTALLED AS SHOWN.

STOCKPILE TOPSOIL FOR RE-DRESSING LOCATION DURING RECLAMATION

- ALL DISTURBED AREAS WILL BE RE-VEGETATED AS OUTLINED ON FORM WW-9.
- MAINTAIN SEDIMENT BARRIERS AND DRAINAGE STRUCTURES.
- ALL ROAD GRADES <5% EXCEPT AS NOTED.
- Location of drill pit may be changed based on as-built considerations.
- DRAWING NOT TO SCALE.

36

Page 2



REQUESTED PERMIT IS FOR DRILLING OF NEW WELL.

SOME ACCESS ROADS ARE EXISTING AND WILL BE UPGRADED TO WVDEP STANDARDS. NEW STRUCTURES WILL BE INSTALLED AS SHOWN.

STOCKPILE TOPSOIL FOR RE-DRESSING LOCATION

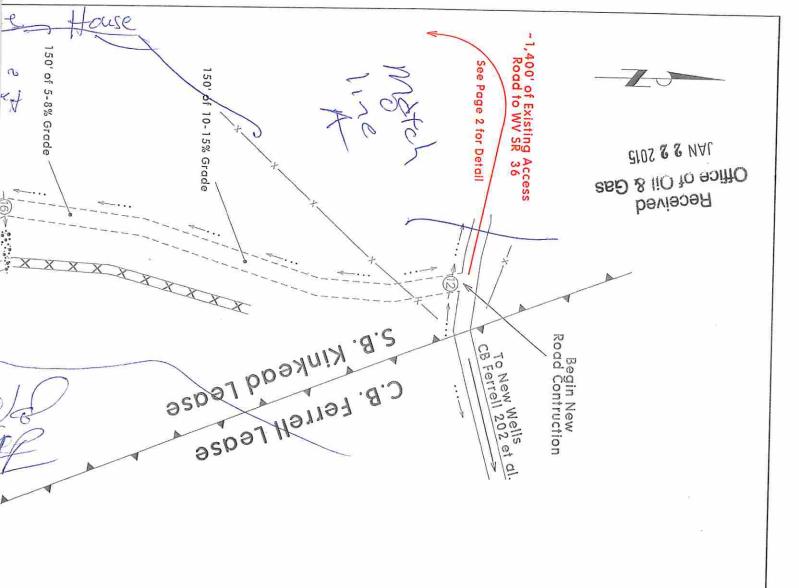
DURING RECLAMATION

O ALL DISTURBED AREAS WILL BE RE-VEGETATED AS OUTLINED ON FORM WW.-9.

MAINTAIN SEDIMENT BARRIERS AND DRAINAGE STRUCTURES.

ALL ROAD GRADES <5% EXCEPT AS NOTED.

LOCATION OF DRILL PIT MAY BE CHANGED BASED ON GAS-BUILT CONSIDERATIONS. DRAWING NOT TO SCALE.



Reclamation Plan For: Charles McGraw No. 114

REFER TO THE WVDEP EROSION AND SEDIMENT CONTROL FIELD MANUAL VER. MAY 2012 FOR BMPS CONTROLLING EROSION AND SEDIMENT FROM SOIL-DISTURBING OPERATIONS.

NOTE

Reva Snodgrass (LE) Pat Shannon

Surface Owner

1/20/15

