



west virginia department of environmental protection

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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Tuesday, May 29, 2018
PERMIT MODIFICATION APPROVAL
Vertical / New Drill

GREYLOCK CONVENTIONAL, LLC
500 CORPORATE LANDING

CHARLESTON, WV 25311

Re: Permit Modification Approval for FITZPATRICK 4
47-021-05787-00-00

NEW ACCESS ROAD

GREYLOCK CONVENTIONAL, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.



James A. Martin
Chief

Operator's Well Number: FITZPATRICK 4
Farm Name: S & R GAS VENTURES, LTD
U.S. WELL NUMBER: 47-021-05787-00-00
Vertical New Drill
Date Modification Issued: May 29,2018

Promoting a healthy environment.

06/01/2018

~~47-021-09104 MOD~~
47-021-05787 MOD

RECEIVED
Office of Oil and Gas

WW-2A
(Rev. 6-14)

MAY 02 2018

WV Department of
Environmental Protection

1.) Date: 12 FEBRUARY 2018
2.) Operator's Well Number Fitzpatrick #4
State County Permit
3.) API Well No.: 47- 021 - 09104

**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 <u>S&R Gas Ventures</u> | Name _____ |
| Address <u>PO Box 172</u> | Address _____ |
| <u>Sand Fork, WV 26430</u> | _____ |
| (b) Name <u>Sean & Heather Coleman</u> | (b) Coal Owner(s) with Declaration |
| Address <u>1593 Collins Run Rd</u> | Name <u>No Declarant</u> |
| <u>Glennville, WV 26351</u> | Address _____ |
| _____ | _____ |
| (c) Name _____ | Name _____ |
| Address _____ | Address _____ |
| _____ | _____ |
| 6) Inspector <u>Danny Mullins</u> | (c) Coal Lessee with Declaration |
| Address <u>220 Jack Acres Rd</u> | Name _____ |
| <u>Buckhannon, WV 26201</u> | Address _____ |
| Telephone <u>304-932-6844</u> | _____ |

DM

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)

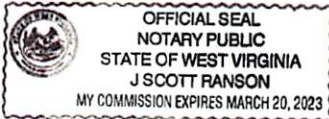
I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties by:

- 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.



Well Operator Grevlock Conventional, LLC
By: Don C Supcoe III
Its: Director of Land Operations and Permitting
Address: 500 Corporate Landing
Charleston, WV 25311
Telephone: 304-925-6100
Email: dcsupcoe@arevlockenergv.com

Subscribed and sworn before me this 30th day of April, 2018

Notary Public

My Commission Expires March 20, 2023

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov

06/01/2018

47-021-09104 MOD
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NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D E OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D O T REGULAR SEPARATE PERMITS MAY BE REQUIRED BY THE D O T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D E P OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

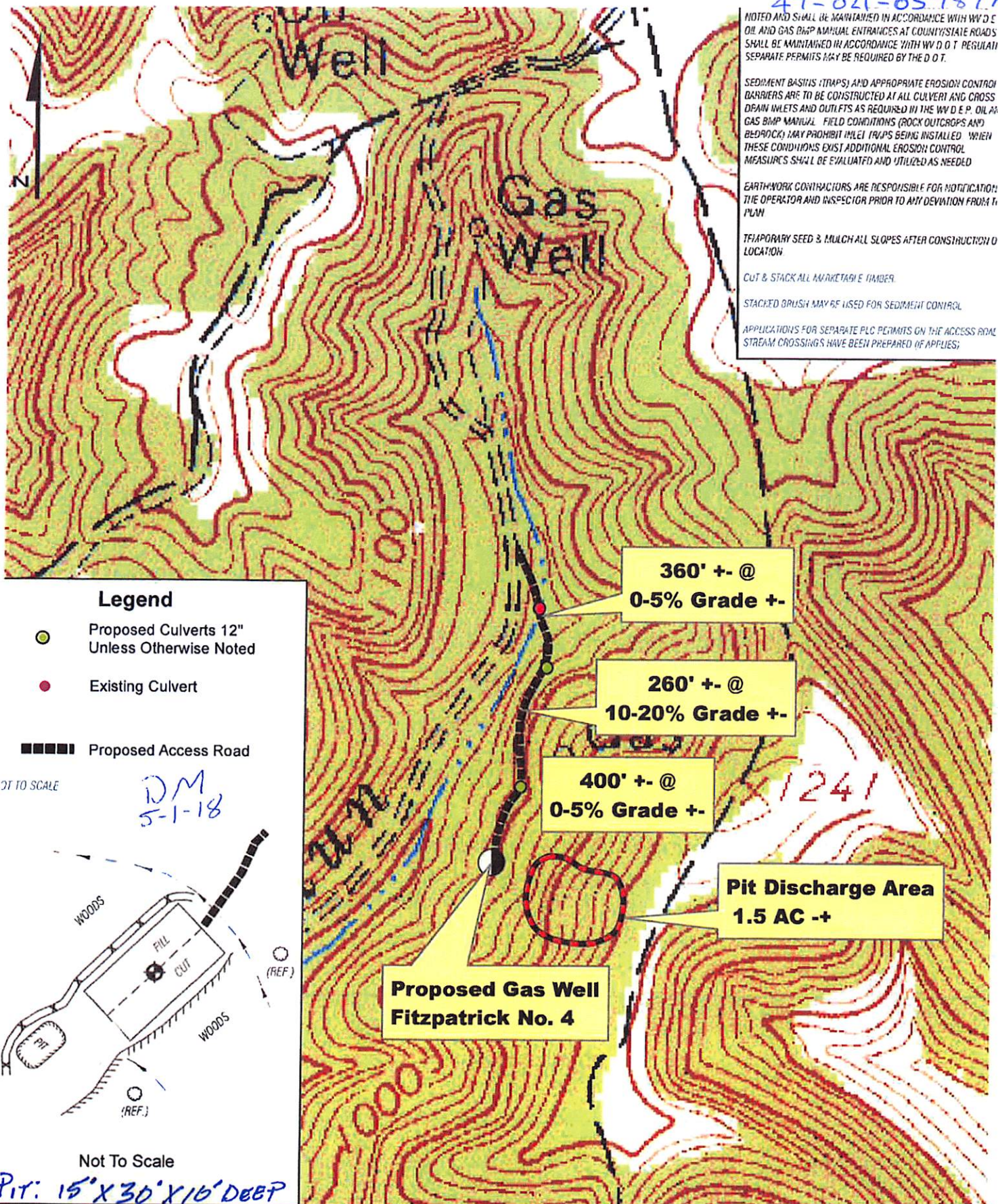
EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION: THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THE PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION TO LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

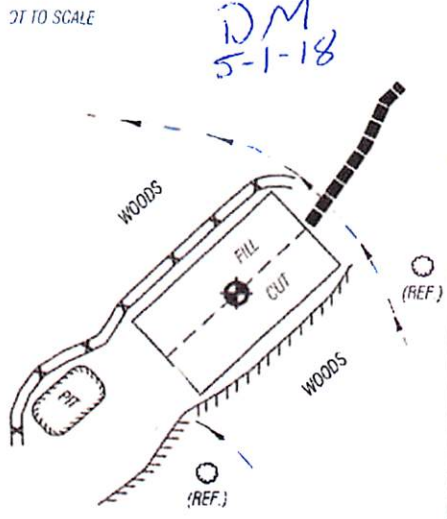
STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).



Legend

- Proposed Culverts 12" Unless Otherwise Noted
- Existing Culvert
- Proposed Access Road



Not To Scale

PIT: 15' X 30' X 16' DEEP

GREYLOCK ENERGY
500 Corporate Landing
Charleston, WV 25311
304-925-6100

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Office of Oil and Gas

**GREYLOCK ENERGY
FITZPATRICK LEASE
WELL NO. 4**

Form WW-9

MAY 02 2018

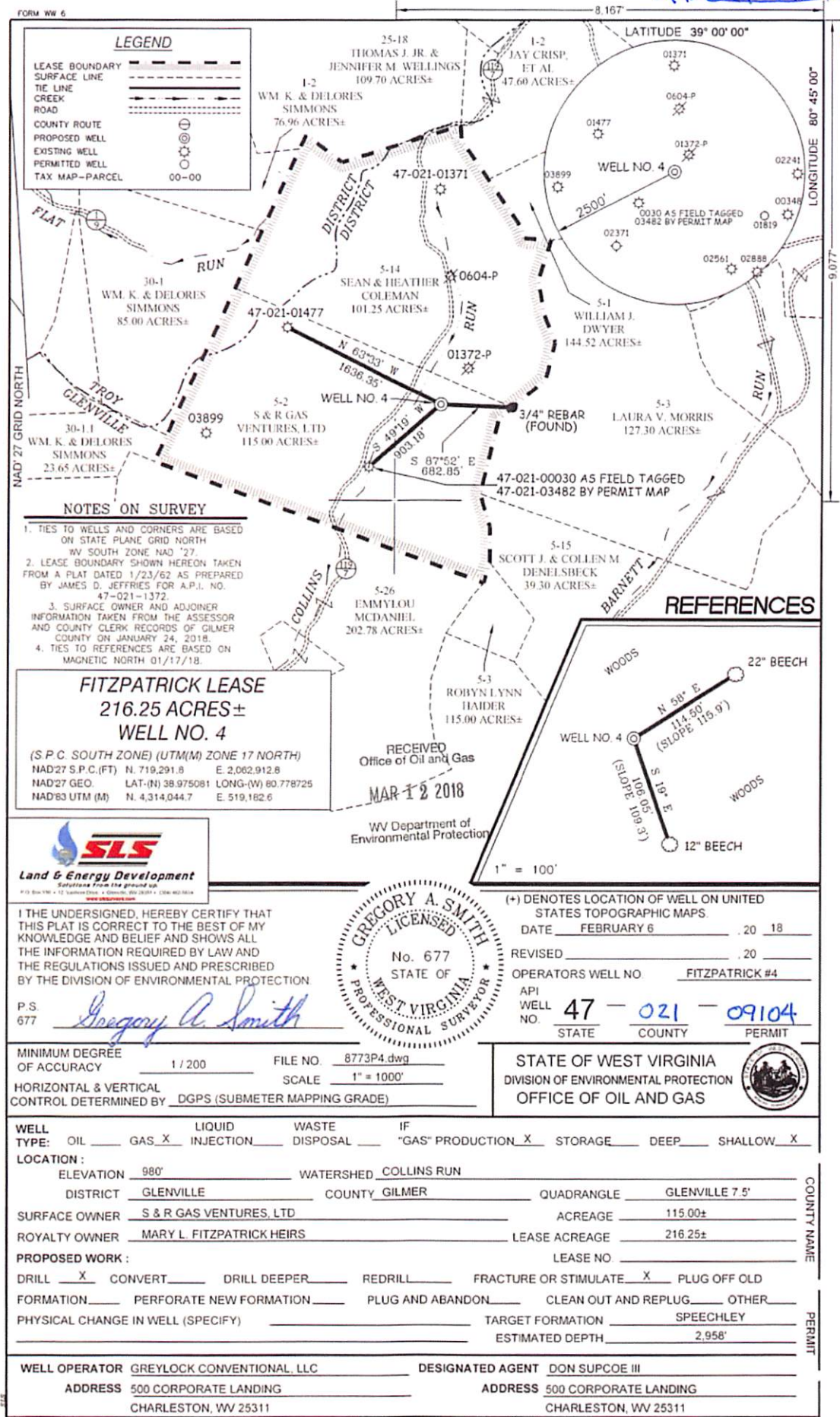
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380 190 0 380 Feet

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MAR 12 2018

WV Department of Environmental Protection



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

DATE FEBRUARY 6, 2018

REVISED _____, 20____

OPERATORS WELL NO. FITZPATRICK #4

API WELL NO. 47-021-09104

STATE COUNTY PERMIT

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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S.
677 *Gregory A. Smith*

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 8773P4.dwg

HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 1000'

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

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION STORAGE ___ DEEP ___ SHALLOW

LOCATION: ELEVATION 980' WATERSHED COLLINS RUN DISTRICT GLENVILLE COUNTY GILMER QUADRANGLE GLENVILLE 7.5'

SURFACE OWNER S & R GAS VENTURES, LTD ACREAGE 115.00±

ROYALTY OWNER MARY L. FITZPATRICK HEIRS LEASE ACREAGE 216.25±

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___

PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION SPEECHLEY ESTIMATED DEPTH 2,958'

WELL OPERATOR GREYLOCK CONVENTIONAL, LLC DESIGNATED AGENT DON SUPCOE III ADDRESS 500 CORPORATE LANDING CHARLESTON, WV 25311

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7012 2920 0000 6497 0748

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

For delivery information visit our website at www.usps.com.
GLENVILLE, WV 26351

| | | |
|---|--------|--------|
| Postage | \$3.00 | \$2.75 |
| Certified Fee | \$0.00 | \$0.00 |
| Return Receipt Fee (Endorsement Required) | \$0.00 | \$0.00 |
| Restricted Delivery Fee (Endorsement Required) | \$0.00 | \$0.00 |
| Total Postage & Fees | \$7.12 | \$7.12 |

Sent To: Jean + Heather Coleman
Street, Apt. No., or PO Box No.: 1593 Collins Run Rd
City, State, ZIP+4: Glenville, WV 26351

PS Form 3800, August 2006 See Reverse for Instructions

POSTAL STATION 0726
APR 30 2018
POSTMARK Here
MARLBOROUGH STATION WV 26301

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VOID AS OF 5/17/18

47-021-09104

Form WW-9

page of

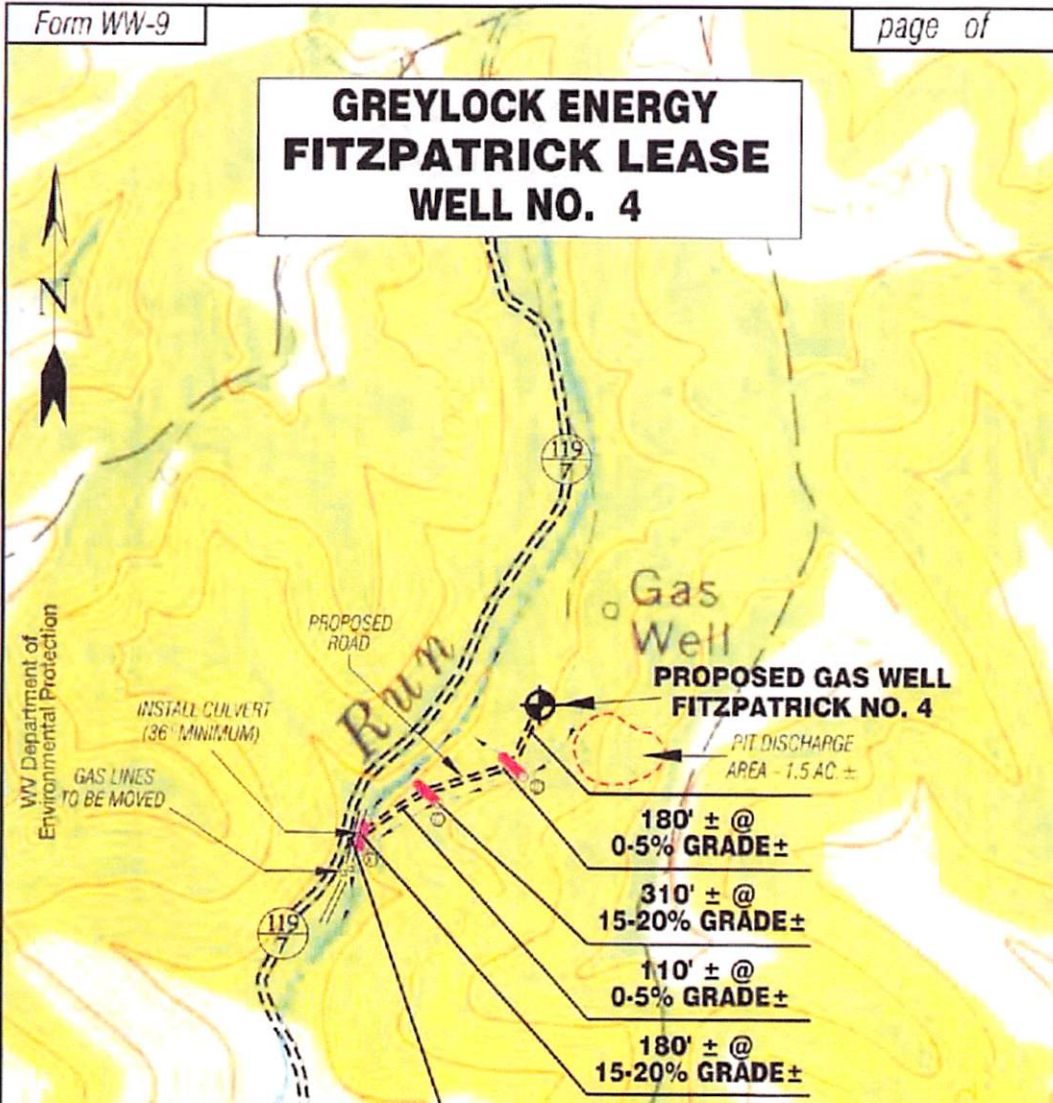
GREYLOCK ENERGY FITZPATRICK LEASE WELL NO. 4

VOID

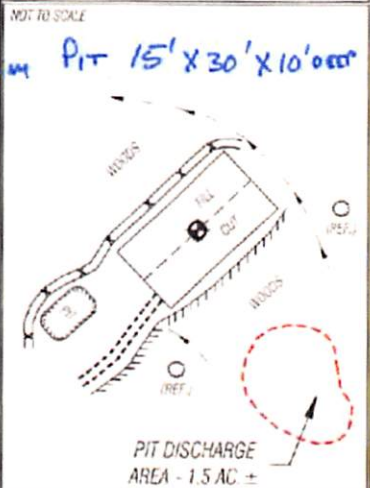
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Detail Sketch for Proposed Fitzpatrick No. 4 Well



Build Pit
w/ CUT.

DM

ALL RIGHTS RESERVED. THESE ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WVD E.P.A. AND GAS DRIFT TRENCH REQUIREMENTS AT ALL CULVERT AND CROSS CULVERTS AND SHALL BE AS REQUIRED BY THE WVD E.P.A. OR GAS DRIFT TRENCH. FIELD LOGS AND GAS DRIFT TRENCH LOGS SHALL BE MAINTAINED AND SHALL BE MADE AVAILABLE TO THE WVD E.P.A. AND GAS DRIFT TRENCH. WHEN THESE LOCATIONS AND ADDITIONAL CROSS CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

ENVIRONMENTAL CONTROL MEASURES ARE RESPONSIBLE FOR YOUR SAFETY. THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THE PERMITS.

TEMPORARY FENCE SHALL BE MAINTAINED AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKS TABLE TARGET

STACKS SHOULD ONLY BE USED FOR TEMPORARY CONTROL

APPLICABLE FOR SEPARATE PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLICABLE)

— EXISTING CULVERT — PROPOSED CULVERT 36" MIN. UNLESS OTHERWISE NOTED

— PROPOSED STREAM CROSSING

SLS
Land & Energy Development
SOLUTIONS FROM THE GROUND UP



| | | | |
|--------------------|------------------|------------------|---------------------------|
| DRAWN BY K.G.M. | FILE NO. 8773 | DATE 02/28/18 | CADD FILE 8773REC4.dwg |
|--------------------|------------------|------------------|---------------------------|

TOPO SECTION OF USGS
GLENNVILLE 7.5' QUADRANGLE

VOID

06/01/2018

~~47-021-09104 MOD~~

47-021-05787 MOD

McLaughlin, Jeffrey W

From: Ranson, Scott <sranson@greylockenergy.com>
Sent: Wednesday, May 02, 2018 10:49 AM
To: McLaughlin, Jeffrey W; Mullins, Danny S
Cc: Ranson, Scott
Subject: Greylock Conventional Permit 47-021-09104/Gilmer County, WV
Attachments: 20180502103309.pdf

Hey Jeff – Danny and I met on location yesterday to look at the new access road for the 021-09104 permit modification.

Please see the attached file containing a copy of the modified WW-2A listing the surface owners (Sean and Heather Coleman) that are impacted by the new access road. Copies of the notice, application, and plat were mailed to the Colemans - the Certified Mail Receipt, dated April 30, 2018 is attached as well.

Thank you – Scott

SCOTT RANSON
SENIOR LANDMAN



o 304.925.6100
c 304.550.8841

GREYLOCKenergy.com

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