



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

June 02, 2015

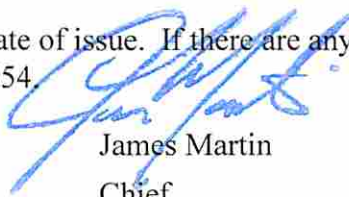
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-501528, issued to PANTHER, 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin
Chief

Operator's Well No: UNOCAL/L.R.P C1
Farm Name: LaFOLLETTE-ROBSON-PRICHAF
API Well Number: 47-501528
Permit Type: Plugging
Date Issued: 06/02/2015

Promoting a healthy environment.

06/05/2015

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. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. 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.
3. Well work activities shall not constitute a hazard to the safety of persons.

1.) Date: 3/25/15
2.) Operator's Well Number
LRPC-1
3.) API Well No.:
47-005-01528

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name LaFollete
Address P.O. Box 969
Charleston, WV 25324

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Danny Mullins
Address _____

Telephone 304-932-6844

5) (a) Coal Operator
Name Speed Mining, LLC
Address P.O. Box 99
Dawes, WV, 25054

(b) Coal Owner(s) with Declaration
Name LaFollete
Address P.O. Box 969
Charleston, WV 25324

Name _____
Address _____

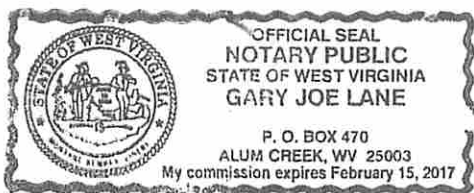
(c) Coal Lessee with Declaration
Name Panther, LLC
Address P.O. Box 1001
Scott Depot, WV 25560

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator Panther, LLC
By: Gary Acord
Its: Agent
Address P.O. Box 1001
Scott Depot, WV, 25560
Telephone 304-205-8847

Subscribed and sworn before me this 25th day of March

My Commission Expires February 15, 2017

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 depprivacyoffier@wv.gov

WW-4B

API No. 47-005-01528

Farm Name LaFollete

Well No. LRPC-1

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator _____ / owner X / lessee _____ / of the coal under this well location has examined this proposed plugging work order. 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.

Date: 2/20/15

By: John C. Bullock
Its: Manager
La Follette Holding

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Office of Oil and Gas

MAR 27 2015

WV Department of
Environmental Protection

06/05/2015

501528P

WW-4B

API No. 47-005-01528

Farm Name LaFollete

Well No. LRPC-1

INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

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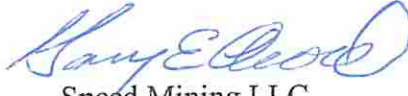
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Date: 2-25-2015


Speed Mining LLC
By: GARY E ACORD
Its ENGINEER

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WV Department of
Environmental Protection

06/05/2015

501528P

WW-4B

API No. 47-005-01528

Farm Name LaFollete

Well No. LRPC-1

INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

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WAIVER

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Date: 2-25-2015

GARY E ACORD
Panther LLC
By: Gary E Acord
Its AGENT

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MAR 27 2015

WV Department of
Environmental Protection
06/05/2015

SURFACE OWNER WAIVER
Operator's Well
Number

LRPC-1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (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 **FIVE (5) 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 adequate 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.

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 Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat. 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 CORPORATION

John C. Bullard
Signature

2/20/15
Date

Name
By
Its

LaFollete
John C. Bullard
manager
Date 2/20/15
WV Department of
Environmental Protection

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FOR EXECUTION BY
Office of Oil and Gas

MAR 27 2015

WW-4B
Rev. 2/01

1) Date Mar. 25, 2015
2) Operator's
Well No. LRPC-1
3) API Well No. 47-005-01528

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil _____ / Gas X / Liquid injection _____ / Waste disposal _____ /
(If "Gas, Production X or Underground storage _____) Deep _____ / Shallow _____
- 5) Location: Elevation 1,560' Watershed: Three Mile Branch of White Oak Creek
District Sherman County Boone Quadrangle Sylvester
- 6) Well Operator Panther, LLC Address P.O. Box 1001
Scott Depot, WV 25560
- 7) Designated Agent Gary Acord Address P.O. Box 1001
Scott Depot, WV 25560
- 8) Oil and Gas Inspector to be notified Name Danny Mullins
Address _____
- 9) Plugging Contractor Name Noah Horn Well Drilling Inc.
Address 1070 Sandy Valley Lane
Oakwood, VA 24631

10) Work Order: The work order for the manner of plugging this well is as follows:
See attached plugging prognosis

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector *Danny Mullins*

Date RECEIVED
Office of Oil and Gas
MAR 27 2015

WV Department of
Environmental Protection
06/05/2015

PLUGGING PROGNOSIS

Well #LRPC-1
 API# 47-005-01528
 Sherman District, Boone County

OK 10000
 #539659

Current Status

Elevation: 1560'
 Total Depth:
 Active: Yes (but not connected to pipeline)
 Plugged: No

DM

Procedure for Plugging

- 1) Notify state inspector, Danny Mullins, @ 304-932-6844, before starting.
- 2) Cleanout hole to 6,164' (Original T.D.)
- 3) Pump Class "A" Cement from 6,164' - 2,992' (T.D. to 50' above Gas Producing Formations - Lower Huron and Weir)
- 4) GEL HOLD TO 2300', FREEPOINT 4 1/2, CUT & TOOL H. (≈ 2700')
- 5) Pump Class "A" Cement from 2300' to 1560' (50' Below Salt Sands to Elevation) 1560'
- 6) Locate freepoint, cut casing, and pull from hole
- 7) Pump Class "A" Cement or ~~"Gel"~~ DM from 1560' - 1,210' (Approx 200' below coal seam)
- 8) Perforate casing (if Applicable) to 101C standards to 200' below the Eagle seam
- 9) Plug well from 200' below coal seam (Approx Depth 1,210') - surface using 101C Petition Standards
- 10) Set 300' expanding cement plug 200' below the Eagle seam to 100' above.
- 11) Cement will be set to the surface.
- 12) Depending on site conditions, plugging procedures may be modified after approval of the inspector.
- 13) All changes to the plugging procedures will be noted in the plugging affidavit.
- 14) Erect permanent monument with API number.
- 15) Reclaim the site and access road.

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Well Operator's Report of Well Work

Farm name: LaFOLLETTE-ROBSON-PRICHAR Operator Well No.: UNOCAL/L.R.P C1
LOCATION: Elevation: 1565.00 Quadrangle: SYLVESTER

District: SHERMAN County: BOONE
Latitude: 7310 Feet South of 38 Deg. 5 Min 0 Sec
Longitude: 8550 Feet West of 81 Deg. 30 Min. 0 Sec.

Company: EASTERN AMERICAN ENERGY C
P. O. BOX N
GLENVILLE, WV 26351-0000

Agent: DONALD C. SUPCOE

Inspector: RICHARD CAMPBELL
Permit Issued: 04/01/91
Well work Commenced: 04/11/91
Well work Completed: 05/09/91
Verbal Plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 6164'
Fresh water depths (ft) 194', 1800'

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 23', 182', 617', 674',
865', 1000'

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 9-5/8" | 1096.45' | 1096.45' | C.T.S. |
| 7" | 2613.70' | 2613.70' | 286 |
| 4-1/2" | 6087.70' | 6087.70' | 361 |
| 1-1/2" | | 5361.10' | |

OPEN FLOW DATA

Java/Basal Huron, Lower Huron, 5433'-
Producing formation Weir (Commingled) Pay zone depth (ft) 3068.5'
Gas: Initial open flow 750 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 421 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 820 psig (surface pressure) after 24 Hours

Second producing formation Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests Hours
Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: *Ronald L. Rech*
EASTERN AMERICAN ENERGY CORP.

By: Ronald L. Rech, Regional Drilling Manager
Date: May 21, 1991

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06/05/2015

3-STAGE FOAM FRAC

- Stage 1: Java/Basal Huron - 37 holes (5433' - 5062.5') Breakdown 3150 psi, 85-75 Quality foam, 20 lbs/1000 gals Gel, 70,000 lbs 20/40 sand, 500 gals 15% HCl, 1,010,000 scf of N₂
- Stage 2: Lower Huron - 24 holes (4692' - 4576') Breakdown 2700-3000 psi, 85 Quality foam, 20 lbs/1000 gals Gel, 48,000 lbs 20/40 sand, 500 gals 15% HCl, 750,000 scf of N₂
- Stage 3: Weir - 26 holes (3194.5' - 3068.5') Breakdown 1440 psi, 70 Quality foam, 20 lbs/1000 gals Gel, 51,000 lbs 20/40 sand, 500 gals 15% HCl, 305,000 scf of N₂

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS |
|----------------|-------|--------------|----------|-------------|---|
| | | | | | Including indication of all fresh and salt water, coal, oil and gas |
| Sand | | | 0 | 35 | 194' - 1/2" Stream Water |
| Sand and Shale | | | 35 | 73 | 1800' Hole Damp |
| Coal | | | 73 | 75 | |
| Sand and Shale | | | 75 | 182 | 2265' - Additional Water |
| Coal | | | 182 | 185 | |
| Sand and Shale | | | 185 | 385 | |
| Shale | | | 385 | 490 | GAS CHECKS: |
| Sand | | | 490 | 540 | 2750' - No show |
| Sand and Shale | | | 540 | 569 | 2875' - No show |
| Shale | | | 569 | 598 | 2985' - No show |
| Sand and Shale | | | 598 | 617 | 3205' - 2/10 thru 2" w/water |
| Coal | | | 617 | 619 | 3362' - 2/10 thru 2" w/water |
| Sand and Shale | | | 619 | 662 | 3488' - 3/10 thru 2" w/water |
| Shale | | | 662 | 674 | 3644' - 3/10 thru 2" w/water |
| Coal | | | 674 | 676 | 3773' - 3/10 thru 2" w/water |
| Sand and Shale | | | 676 | 865 | 3898' - 3/10 thru 2" w/water |
| Coal | | | 865 | 869 | 4121' - 2/10 thru 2" w/water |
| Sand and Shale | | | 869 | 1000 | 4497' - 2/10 thru 2" w/water |
| Coal | | | 1000 | 1005 | 4715' - 2/10 thru 2" w/water |
| Sand and Shale | | | 1005 | 1541 | 4931' - 2/10 thru 2" w/water |
| Sand | | | 1541 | 1592 | 5564' - No show |
| Sand and Shale | | | 1592 | 1659 | 5655' - No show |
| Sand | | | 1659 | 2007 | 5715' - No show |
| Sand and Shale | | | 2007 | 2020 | 5802' - No show |
| Sand | | | 2020 | 2060 | 5912' - No show |
| Shale and Sand | | | 2060 | 2070 | 6009' - No show |
| Salt Sand | | | 2070 | 2172 | 6100' - No show |
| Sand and Shale | | | 2172 | 2406 | 6164' - No show T.D. |
| Maxton | | | 2406 | 2500 | |
| Sand and Shale | | | 2500 | 2580 | |
| Little Lime | | | 2580 | 2698 | |
| Big Lime | | | 2698 | 2900 | |
| Big Injun | | | 2900 | 2930 | |
| Sand and Shale | | | 2930 | 3042 | |
| Weir | | | 3042 | 3210 | |
| Shale | | | 3210 | 3370 | |
| Berea | | | 3370 | 3375 | |
| Sand and Shale | | | 3375 | 3576 | |

(CONTINUED)

(Attach separate sheets as necessary)

WELL LOG

| FORMATION | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS |
|-------------------|-------|--------------|----------|-------------|---|
| | | | | | Including indication of all fresh and salt water, coal, oil and gas |
| Gordon | | | 3576 | 3656 | |
| Ohio Shales | | | 3656 | 4534 | |
| Lower Huron Shale | | | 4534 | 5252 | |
| Lea Shale | | | 5252 | 5438 | |
| Angola Shale | | | 5438 | 5620 | |
| Rhinecrest | | | 5620 | 5848 | |
| Snyder Shale | | | 5858 | 5960 | |
| Marcellus Shale | | | 5960 | 6166 T.D. | |

(Attach separate sheets as necessary)

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MAR 27 2015

WV Department of
Environmental Protection
06/05/2015

WW-9
Rev. 9/13

API Number 47-005-01528
Operator's Well No. LRPC-1

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name PANTHER, LLC OP Code _____

Watershed (HUC 10) Three Mile Branch of White Oak Creek Quadrangle Sylvester

Elevation 1,560' County Boone District Sherman

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

Will a pit be used for drill cuttings? Yes X No _____

If so, please describe anticipated pit waste: None expected. Pit to be built for precautionary purposes.
Will a synthetic liner be used in the pit? Yes X No _____ Is so, wat ml.? 10 20MI.

Proposed Disposal Method For Treated Pit Wastes:

- 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? Yes, if excess will be trucked to U-80-83 slurry cells

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. Water
-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Leave in pit
- If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) Cement and cuttings
- Landfill or offsite name/ permit number? U-80-83

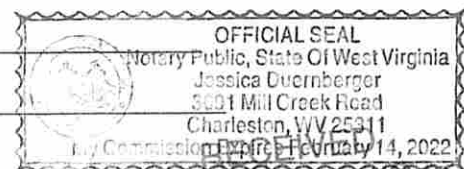
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 Gary E. Acord

Company Official (Typed Name) Gary E. Acord

Company Official Title Agent/Engineer



Office of Oil and Gas

Subscribed and sworn before me this 25 day of February, 2015 MAR 27 2015

Jessica Duernberger Notary Public

My commission expires 2/14/2022

WV Department of Environmental Protection
06/05/2015

Proposed Revegetation Treatment: Acres Disturbed _____ Prevegetation pH _____

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)

Mulch 2 Tons or 1000-1500 lbs Hydroseed Mulch Tons/acre
Seed Mixtures

| Area I | | Area II | |
|-----------|-------------|-----------|----------|
| Seed Type | lbs/acre | Seed Type | lbs/acre |
| Fescue | 40 lbs./Ac. | | |
| Clover | 5 lbs./Ac. | | |
| Ryegrass | 5 lbs./Ac. | | |

Attach:
Drawing(s) of road, location, pit and proposed area for land application.

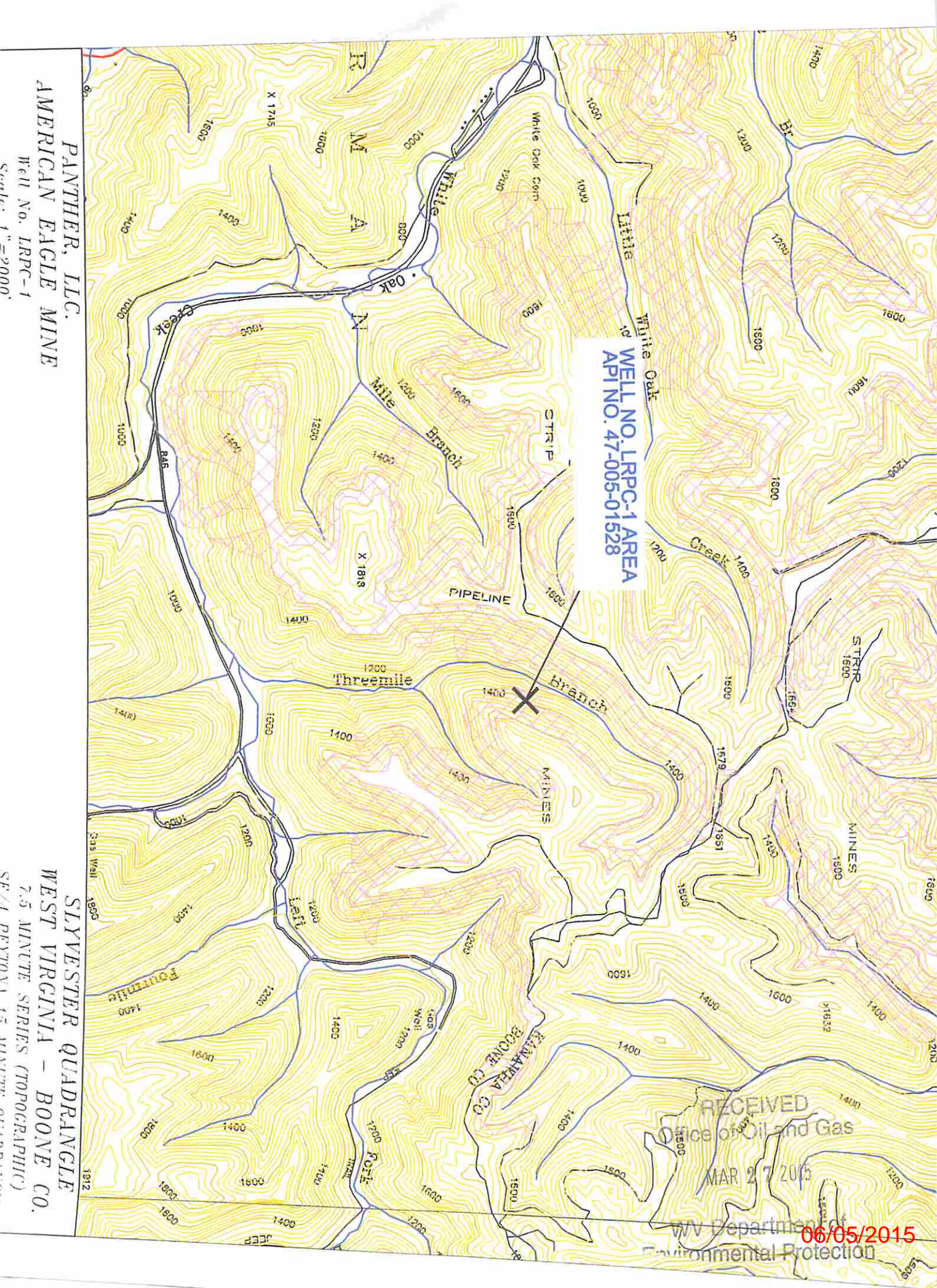
Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Darryl Mullins 3-25-15

Comments: _____

Title: Inspector 005 Date: 3-25-15
Field Reviewed? Yes No

RECEIVED
Office of Oil and Gas
MAR 27 2015
WV Department of
Environmental Protection
06/05/2015



WELL NO. LRPC-1 AREA
API NO. 47-005-01528

PANTHER, LLC.
AMERICAN EAGLE MINE

Well No. LRPC-1

Scale: 1" = 2000'

SLYESTER QUADRANGLE
WEST VIRGINIA - BOONE CO.

7.5 MINUTE SERIES (TOPOGRAPHIC)

SE 1/4 SECTION 15 MINUTE QUADRANGLE

RECEIVED
Office of Oil and Gas
MAR 27 2015

WV Department of Environmental Protection
06/05/2015



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-005-01528 WELL NO.: LRPC-1
FARM NAME: LaFollete
RESPONSIBLE PARTY NAME: Gary E. Acord
COUNTY: Boone DISTRICT: Sherman
QUADRANGLE: Sylvester
SURFACE OWNER: LaFollete
ROYALTY OWNER: LaFollete
UTM GPS NORTHING: 4212972.9 meters (NAD-83)
UTM GPS EASTING: 453534.3 meters (NAD-83) GPS ELEVATION: 475 meters (1558 FT)

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:
Survey grade GPS X: Post Processed Differential _____
Real-Time Differential _____
Mapping Grade GPS _____: Post Processed Differential _____
Real-Time Differential _____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Gary E. Acord
Signature Title

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Office of Oil and Gas
MAR 27 2015
2-25-2015
Date
WV Department of
Environmental Protection
06/05/2015