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 18, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8100834, issued to NEW RIVER ENERGY CORPORATION, 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 penalities 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: A-56, GW-1998
Farm Name: ROWLAND LAND CO., LTD.
API Well Number: 47-8100834
Permit Type: Plugging
Date Issued: 06/18/2015

Promoting a healthy environment.

47-81-00834

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.

WW-4B
Rev. 2/01

1) Date March 31, 2015
2) Operator's
Well No. Rowland A-56 (GW 1998)
3) API Well No. 47- 081 - 00834

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 ____ or Underground storage ____) Deep ____/ Shallow X

5) Location: Elevation 1560.9 Watershed Hazy Creek, Marsh Fork, Big Coal River
District Marsh Fork County Raliegh Quadrangle Pilot Knob 7.5'

6) Well Operator New River Energy Corporation
Address PO Box 1020
Waynesburg, PA 15370

7) Designated Agent Roger Whited
Address 8165 Elizabeth Pike
Elizabeth, WV 26143

8) Oil and Gas Inspector to be notified
Name Gary Kennedy
Address Po Box 268
Nimitz, WV 25978

9) Plugging Contractor
Name Patchwork Oil & Gas, LLC
Address 8165 Elizabeth Pike
Elizabeth, WV 26143

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

See attached work order and schematic for details.

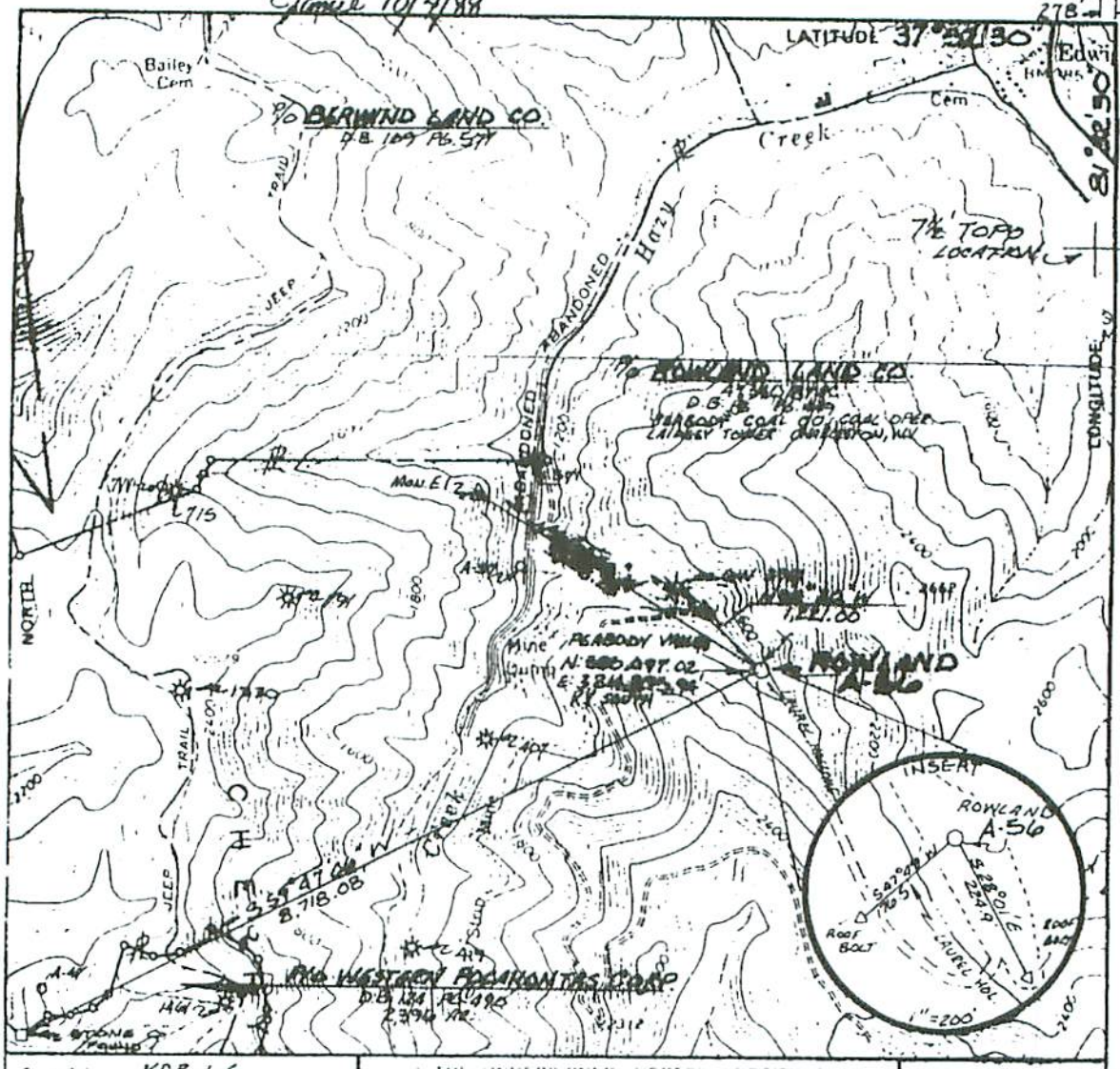
RECEIVED
Office of Oil and Gas
APR 09 2015
WV Department of
Environmental Protection

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

Work order approved by inspector Gary Kennedy Date 4/10/15

Lowest

Jamie 10/4/88



FILE NO. KDB-1-6 DRAWING NO. SCALE 1"=1500' MINIMUM DEGREE OF ACCURACY 1:2500' PROVEN SOURCE OF ELEVATION MON E2 ELEV. 1464.75 PEABODY COAL CO. DATUM	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 MINES (SIGNED) Kenneth D. Dias R.P.E. L.L.S. 837	PLACE SEAL HERE

DATE 7-28-88
OPERATOR'S WELL NO. 86-56
API WELL NO. 47 081 00839
STATE COUNTY PERMIT

RECEIVED
Office of Oil and Gas
APR 09 2015
WV Department of Environmental Protection

Revised Plat

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

X LIQUID INJECTION WASTE DISPOSAL
X STORAGE SHALLOW
ELEVATION 1,560.9' WATER SHED HAZY CK.-MARSH FK.-BIG COAL RIVER
MARSH FORK RALEIGH
PILOT KNOB
ROWLAND LAND CO ACREAGE P/O 47,340.87 AC
ROWLAND LAND CO. LEASE ACREAGE 693.579 AC
LEASE NO. WV-389
X CONVERT DRILL DEEPER REDRILL FRACTURE OR
X PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION OTHER PHYSICAL CHANGE IN WELL SPECIFY

ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 6,039'
WELL OPERATOR OXY USA Inc. DESIGNATED AGENT DELBERT G. OLIVER
ADDRESS P.O. BOX 873 CHARLESTON, WV 25323 ADDRESS P.O. BOX 873 CHARLESTON, WV 25323

WR-35

RECEIVED
JUN 06 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

17-Aug-88
API # 47- 81-00834

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: ROWLAND LAND COMPANY LTD. Operator Well No.: A-56, GW-1998

LOCATION: Elevation: 1558.90 Quadrangle: PILOT KNOB

District: MARSH FORK County: RALEIGH
Latitude: 3200 Feet South of 37 Deg. 52Min. 30 Sec.
Longitude 250 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: OXY USA, INC.
P. O. BOX 873
CHARLESTON, WV

Agent: DELBERT G. OLIVER

Inspector: RODNEY G. DILLON
Permit Issued: 08/21/88
Well work Commenced: 10-1-88
Well work Completed: 5-18-89
Verbal Plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 6085'
Fresh water depths (ft)

Salt water depths (ft)

Is coal being mined in area (Y/N)? Y
Coal Depths (ft): 60; 158

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
20"	15'	15'	
13-3/8"	84'	84'	
9-5/8"	811'	811'	TOC Surface
7"	2616'	2616'	TOC Surface
4-1/2"	6077'	6077'	TOC 2030'
2-3/8"		5957'	

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth (ft) 3584-6010'
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow 112 MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests 8 Hours
Static rock Pressure 525 psig (surface pressure) after 96 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

RECEIVED
Office of Oil and Gas
APR 09 2019
WV Department of Environmental Protection

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.

Delbert G. Oliver
For: OXY USA, INC.

By: Delbert G. Oliver
Date: 6-2-89

ROWLAND A-56

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.:

Rhinestreet (5618-6010') Perforated with 63 holes. Fracture stimulated with 50,000# sand.
Lower Huron (4530-5151') Perforated with 69 holes. Fracture stimulated with 50,000# sand.
Upper Devonian (3584-4322') Perforated with 68 holes. Fracture stimulated with 50,000# sand.

WELL LOG

FORMATION	TOP	BOTTOM
Sand	0	60
Coal	60	64
Sand	64	86
Siltstone	86	158
Coal	158	162
Sand	152	231
Siltstone	231	314
Sand	314	351
Siltstone	351	554
Sand	554	673
Siltstone	673	717
Sand	717	932
Siltstone	932	1047
Sand	1047	1268
Siltstone	1268	1307
Sand	1307	1377
Siltstone	1377	1425
Sand	1425	1496
Siltstone	1496	1692
Sand	1692	1760
Siltstone	1760	1861
Ravencliff	1861	1950
Siltstone	1950	2014
Upper Maxton	2014	2050
Siltstone	2050	2202
Middle Maxton	2202	2271
Siltstone	2271	2405
Lower Maxton	2405	2418
Siltstone	2418	2484
Little Lime	2484	2543
Pencil Cave	2543	2559
Big Lime	2559	2924
Siltstone	2924	2998
Upper Weir	2998	3095
Lower Weir	3095	3158
Shale	3158	3383
Sunbury	3383	3392
Devonian Shale	3392	3584
Gordon	3584	3595
Devonian Shale	3595	4527
Lower Huron	4527	5159
Java	5159	5656
Rhinestreet	5656	6026
Marcellus	6026	6081
Onondaga	6081	

RECEIVED
JUN 06 1989
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

RECEIVED
Office of Oil and Gas
APR 09 2015
WV Department of
Environmental Protection

7533

WORK ORDER

Rowland A-56

47-081-00834

PROPOSED PLUGGING PROCEDURE

1. Prepare plugging permit application.

2. Certify to surface and coal owners.

3. Certify to designated State inspector for signature.

4. Once all signatures are obtained, copy for our records and certify to Jeff at the State Office for approval.

5. Receive plugging permit good for 2 years.

6. Notify the designated State inspector 24 hours prior to commencing operations.

7. Take equipment to location and begin prepping for plug.

8. Rig up

9. Verify total depth of 4 1/2 @ 46077'. TD-6085'

10. Attempt to clean out well bore to original depth, if needed.

11. Run tubing to bottom of 4 1/2 at 6077'. Set first plug with 36 sacks of Class A cement with no more than 3% CaCl2 and no other additives from 6077' up to 5568'. (Bottom, Pay zone)

12. Pull tubing back up, wait 8 hours.

13. Run in tag plug, add additional cement if needed.

14. Run 1 sacks of 6% Bentonite gel from 5568' up to 5201'.

15. Pull tubing up to 5201' set plug with 52 sacks of Class A cement with no more than 3% CaCl2 and no other additives from 5201' up to 4480'. (Pay)

16. Pull tubing back up, wait 8 hours.

17. Run in tag plug, add additional cement if needed.

18. Run 1 sacks of 6% Bentonite gel from 4480' up to 4372'.

RECEIVED
Office of Oil and Gas
APR 09 2015
WV Department of
Environmental Protection

20. Pull tubing up to 4372', set plug with 60 sacks of Class A cement with no more than 3% CaCl2 and no other additives from 4372' up to 3534'. (Pay)

21. Pull tubing back up, wait 8 hours.

22. Run in tag plug, add additional cement if needed

23. Run 5 sacks of 6% Bentonite gel from 3534' up to 2050'

24. Look for free point of 4 1/2 at 2000'

25. Run to 2050', set plug with 13 sacks of Class A cement with no more than 3% CaCl2 and no other additives from 2050' to 1950'.

26. Run 16 sacks of 6% Bentonite gel from 1950' up to 100

27. Pull tubing up to 100', set plug with 18 sacks of Class A cement with no more than 3% CaCl2 and no other additives from 100' up to surface. (Surface)

28. Solidify pit if necessary with more cement and lime, then bury.

29. Set 6" x 12.5" steel pipe with concrete with 1/2" API identification.

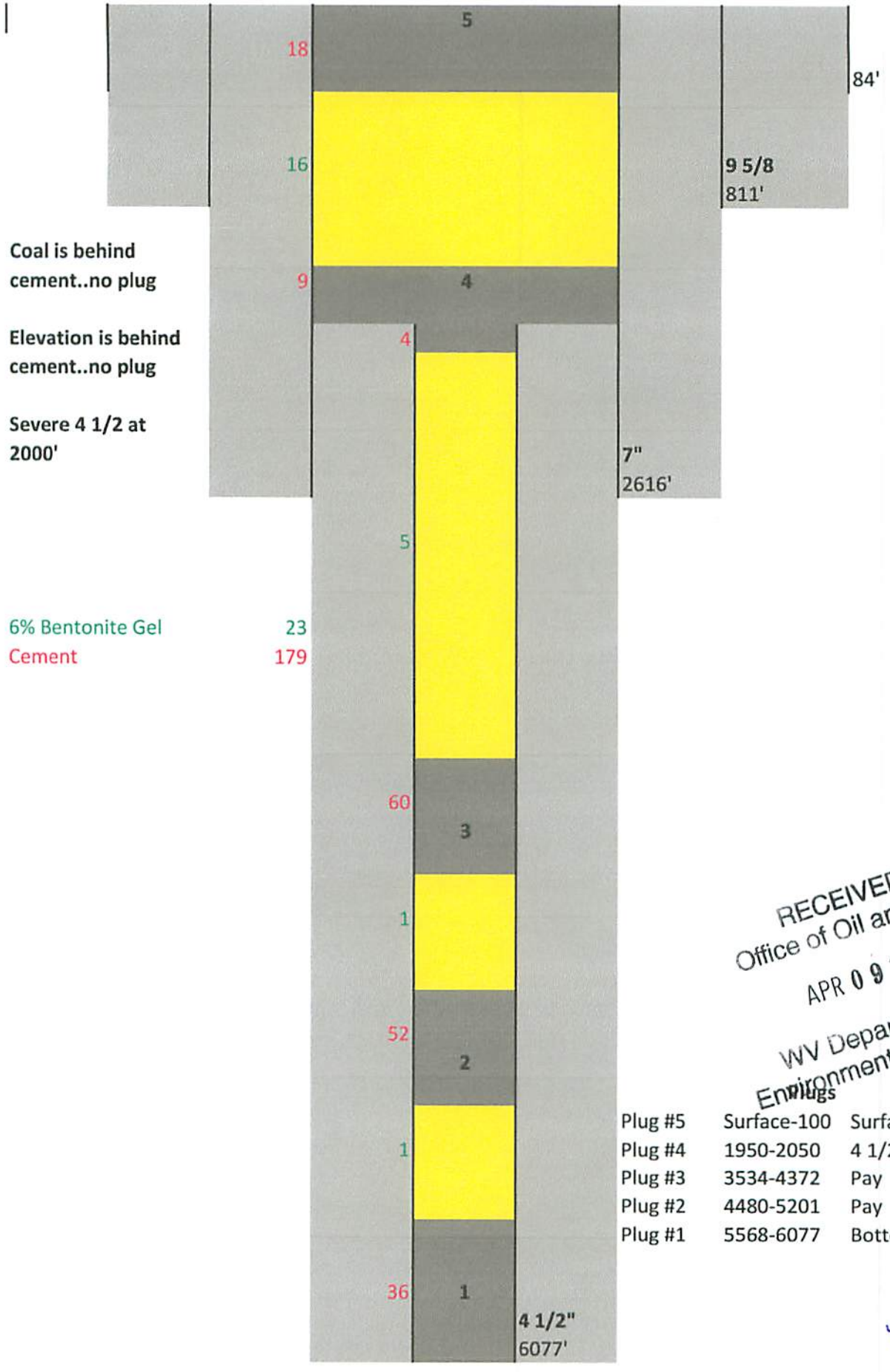
30. Rig down, and move equipment out.

31. Reclaim location

32. Prepare WR-34 & WR-38 for permit release.

RECEIVED
Office of Oil and Gas
APR 09 2015
WV Department of
Environmental Protection

Rowland A-56
47-081-00834



RECEIVED
Office of Oil and Gas
APR 09 2015
WV Department of
Environmental Protection

Plugs

Plug #5	Surface-100	Surface
Plug #4	1950-2050	4 1/2 severe
Plug #3	3534-4372	Pay
Plug #2	4480-5201	Pay
Plug #1	5568-6077	Bottom/Pay

SURFACE OWNER WAIVER

Operator's Well Number Rowland A-56 (GW 1998)

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.

RECEIVED
Office of Oil and Gas
APR 09 2015
WV Department of
Environmental Protection

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 ETC.

_____ Date _____
Signature

FOR EXECUTION BY A CORPORATION,

Name _____
By _____
Its _____ Date

Signature Date

WW-4B

API No. 47-081-00834
Farm Name Rowland
Well No. A-56 (GW 1998)

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 then 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 _____/ 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.

RECEIVED
Office of Oil and Gas
APR 09 2015
WV Department of
Environmental Protection

Date: _____

_____

By: _____

Its _____

WW-4A
Revised 6-07

1) Date: March 31, 2015
2) Operator's Well Number
Rowland A-56 (GW 1998)

3) API Well No.: 47 - 081 - 00834

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name: Rowland Land Company, LLC
Address: 405 Capital St. Ste 609
Charleston, WV 25301

(b) Name:
Address:

(c) Name:
Address:

6) Inspector: Gary Kennedy
Address: Po Box 268
Nimitz, WV 25978
Telephone: 304-382-8402

5) (a) Coal Operator
Name: None
Address:

(b) Coal Owner(s) with Declaration
Name: Rowland Land Company, LLC
Address: 405 Capital St. Ste 609
Charleston, WV 25301

Name:
Address:

(c) Coal Lessee with Declaration
Name: Boone East Development
Address: PO Box 271
Julian, WV 25529

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: New River Energy Corporation
By: Roger L Whitten
Its: Designated Agent
Address: 8165 Elizabeth Pike
Elizabeth, WV 26143
Telephone: 304-275-4446

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
JESSICA M. LOTT
68 Diamond Dr., Davisville, WV 26142
My Commission Expires August 7, 2019

RECEIVED
Office of Oil and Gas
APR 09 2015
WV Department of
Environmental Protection

Subscribed and sworn before me this 1 day of April, 2015
Notary Public
My Commission Expires August 7, 2019

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-9
Rev. 5/08

Page _____ of _____
API Number 47 - 081 - 00834
Operator's Well No. Rowland A-56 (GW 1998)

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 Name New River Energy Corporation OP Code 309919

Watershed Hazy Creek, Marsh Fork, Big Coal River Quadrangle Pilot Knob 7.5'

Elevation 1560.9 County Raleigh District Marsh Fork

Description of anticipated Pit Waste: Fluids associated with plugging procedures

Will a synthetic liner be used in the pit? Yes 20mil

Proposed Disposal Method For Treated Pit Wastes:

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

Proposed Work For Which Pit Will Be Used:

_____ Drilling _____ Swabbing
_____ Workover x Plugging
_____ Other (Explain _____

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 Roger L Whited

Company Official (Typed Name) Roger L. Whited

Company Official Title Designated Agent

RECEIVED
Office of Oil and Gas
APR 09 2015
WV Department of
Environmental Protection

Subscribed and sworn before me this 1 day of April, 20 15

Notory Public

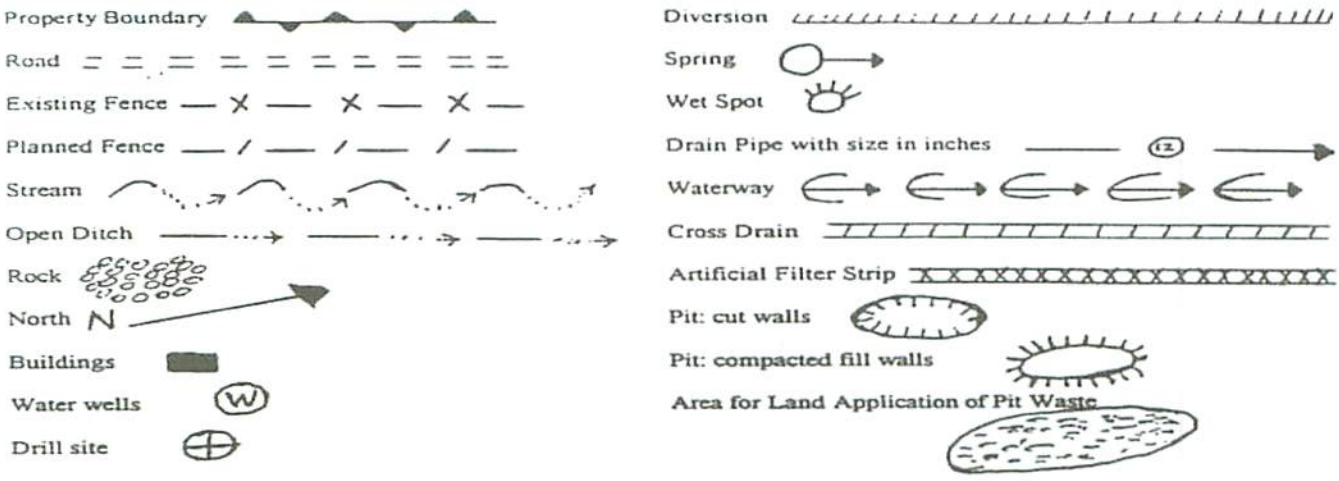
My commission expires August 7, 2019

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
JESSICA M. LOTT
88 Diamond Dr., Daniville, WV 25142
My Commission Expires August 7, 2019

Form WW-9

Operator's Well No. 47-081-00834

LEGEND



Proposed Revegetation Treatment: Acres Disturbed 1+/- Prevegetation pH 5.8

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 ton lbs/acre (500 lbs minimum)

Mulch 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard grass	15		
Clover	5		

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

Photocopied section of involved 7.5' topographic sheet.

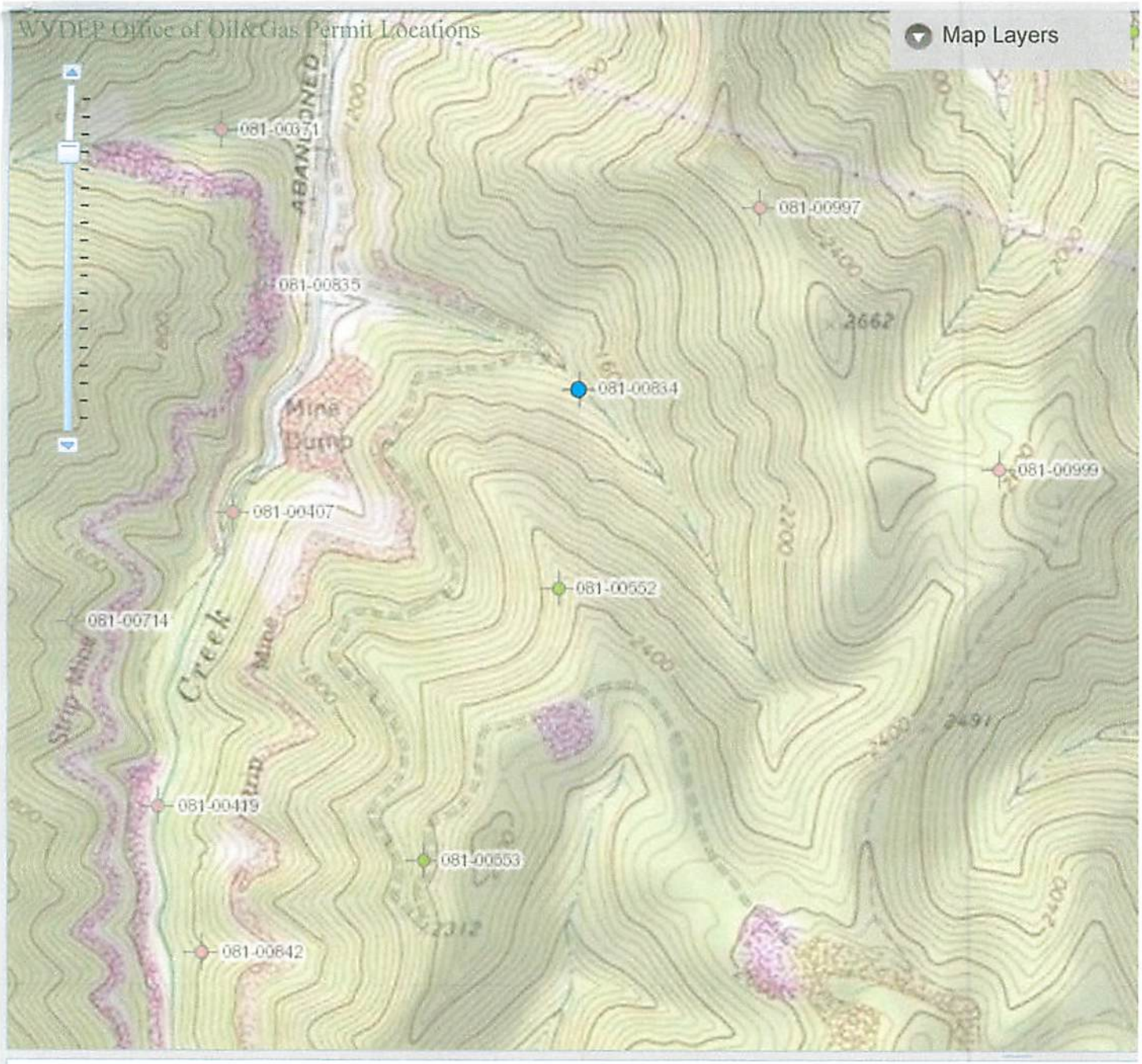
RECEIVED
Office of Oil and Gas
APR 09 2015
WV Department of
Environmental Protection

Plan Approved by: Jerry Kennedy

Comments: Need clearer map

Title: Inspector Date: 4/10/15

Field Reviewed? (_____) Yes (_____) No



47-081-00834

Received
Office of Oil & Gas
APR 17 2015

WVDEP Office of Oil&Gas Permit Locations
Map Layers
081-00810
081-00516
081-00819
081-00808
081-00750
081-00756
081-00763
COAL RIVER RD
3
081-00871
081-00997
081-00749
081-00835
081-00834
081-00751
081-00959
081-00407
081-00552
081-00742
Received
Office of Oil & Gas
APR 17 2015

WW-7
8-30-06

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

API: 47-081-00834 WELL NO.: A-56 (GW 1998)

FARM NAME: Rowland Land Company

RESPONSIBLE PARTY NAME: New River Energy Corporation

COUNTY: Raleigh DISTRICT: Marsh Fork

QUADRANGLE: Pilot Knob 7.5'

SURFACE OWNER: Rowland Land Company

ROYALTY OWNER: Rowland Land Company, et al

UTM GPS NORTHING: 4191195

UTM GPS EASTING: 452195 GPS ELEVATION: 1560.9

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 ____: Post Processed Differential ____

Real-Time Differential ____

Mapping Grade GPS X: Post Processed Differential X

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.

Signature	Office Manager	03/31/2015
	Title	Date

RECEIVED
Office of Oil and Gas
APR 09 2015
WV Department of
Environmental