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**west virginia** department of environmental protection

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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

August 05, 2013

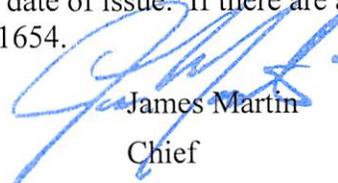
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-8510056, issued to UNKNOWN - DEP PAID PLUGGING CONTRACT, 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: 4-80618  
Farm Name: MIKE ROSS, INC.  
**API Well Number: 47-8510056**  
**Permit Type: Plugging**  
Date Issued: 08/05/2013

**Promoting a healthy environment.**

] FORM WW-4 (B)  
Observe  
File Copy  
(Rev. 9/94)

1) Date 7/15/2013  
2) Operator's Well No.  
Steele Run #4-80618  
3) API Well No. 47-085-10056Y

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil x / Gas      / Liquid injection      / Waste disposal      /  
(If "Gas, Production      or Underground storage     ) Deep      / Shallow x
- 5) Location: Elevation 843' Watershed Steele Run  
District Grant 2 County Pleasants Quadrangle Petroleum 544
- 6) Well Operator WV DEP Plugging 7) Designated Agent James Martin  
Address 601 57<sup>th</sup> Street Address 601 57<sup>th</sup> Street SE  
Charleston, WV 25304 Charleston, WV 25304
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name David W. Cowan Name R.L. Wharton Enterprises  
Address Rt. 1 Box 202 Address Rt. 9 Box 218  
Harrisville, WV 26362 Buckhannon, WV 26201

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

Rig up  
Clean out from the surface to T.D. at Approx. 200-400' (No Well Record Available)  
Cut and remove all free pipe.  
Run tubing in the hole to TD approximately 200-400', gel hole using 6% gel  
Set Minimum 100' Cement Plug from TD  
Set 6% Gel spacer  
Cement well from 100' to the surface  
Gel between all plugs and tag all Plug's  
Erect a monument with the API number attached

Note:

(No well record available)  
Well is believed to have been drilled to the 1<sup>st</sup> Cow Run when drilled. The 1<sup>st</sup> Cow Run depth in that area is at approx. 167' in the valley floor.  
Historical Records indicate that wells were drilled to various depths depending on the Specific Gravity of the Crude

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**Office of Oil & Gas**

AUG 05 2013

OFFICE USE ONLY

PLUGGING PERMIT

Permit Number WV Department of Environmental Protection Date                     , 19    

This permit covering the well and well location shown below is evidence of permission granted to plug in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector 24 Hours before actual permitted work has commenced.

The permitted work is as described in the Notice and Application, plat, subject to any modifications and conditions on the reverse hereof.

Permit expires                      unless plugging is commenced prior to that date and prosecuted with due diligence.

Bond:            Agent:            Plat:            Casing:            WPCP:            Other:           

Chief, Office of Oil and Gas



**STATE OF WEST VIRGINIA  
DIVISION 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 WV DEP Plugging OP Code \_\_\_\_\_

Watershed Steele Run Quadrangle Petroleum

Elevation 843' County Ritchie District Grant

Description of anticipated Pit Waste: Plugging Fluid

Will a synthetic liner be used in the pit? Yes

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection ( UIC Permit Number #2D0855151 )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Workover
- Other (Explain \_\_\_\_\_)
- Swabbing
- Plugging

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on June 14, 1994, by the Office of Oil and Gas of the West Virginia Division 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 \_\_\_\_\_

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Company Official (Typed Name) James Martin AUG 05 2013

Company Official Title Agent

**WV Department of  
Environmental Protection**

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Notary Public

My commission expires \_\_\_\_\_

85-10056P

Property Boundary	Diversion
Road	Spring
Existing Fence	Wet Spot
Planned Fence	Drain Pipe with size in inches
Stream	Waterway
Open Ditch	Cross Drain
Rock	Artificial Filter Strip
North	Pit: cut walls
Buildings	Pit: compacted fill walls
Water wells	Area for Land Application of Pit Waste
Drill site	

Proposed Revegetation Treatment: Acres Disturbed 1 acre \_\_\_\_\_ 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/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
<u>Pasture Mix</u>	<u>100</u>	<u>Pasture Mix</u>	<u>100</u>
_____	_____	_____	_____
_____	_____	_____	_____

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

Photocopied section of involved 7.5' topographic sheet.

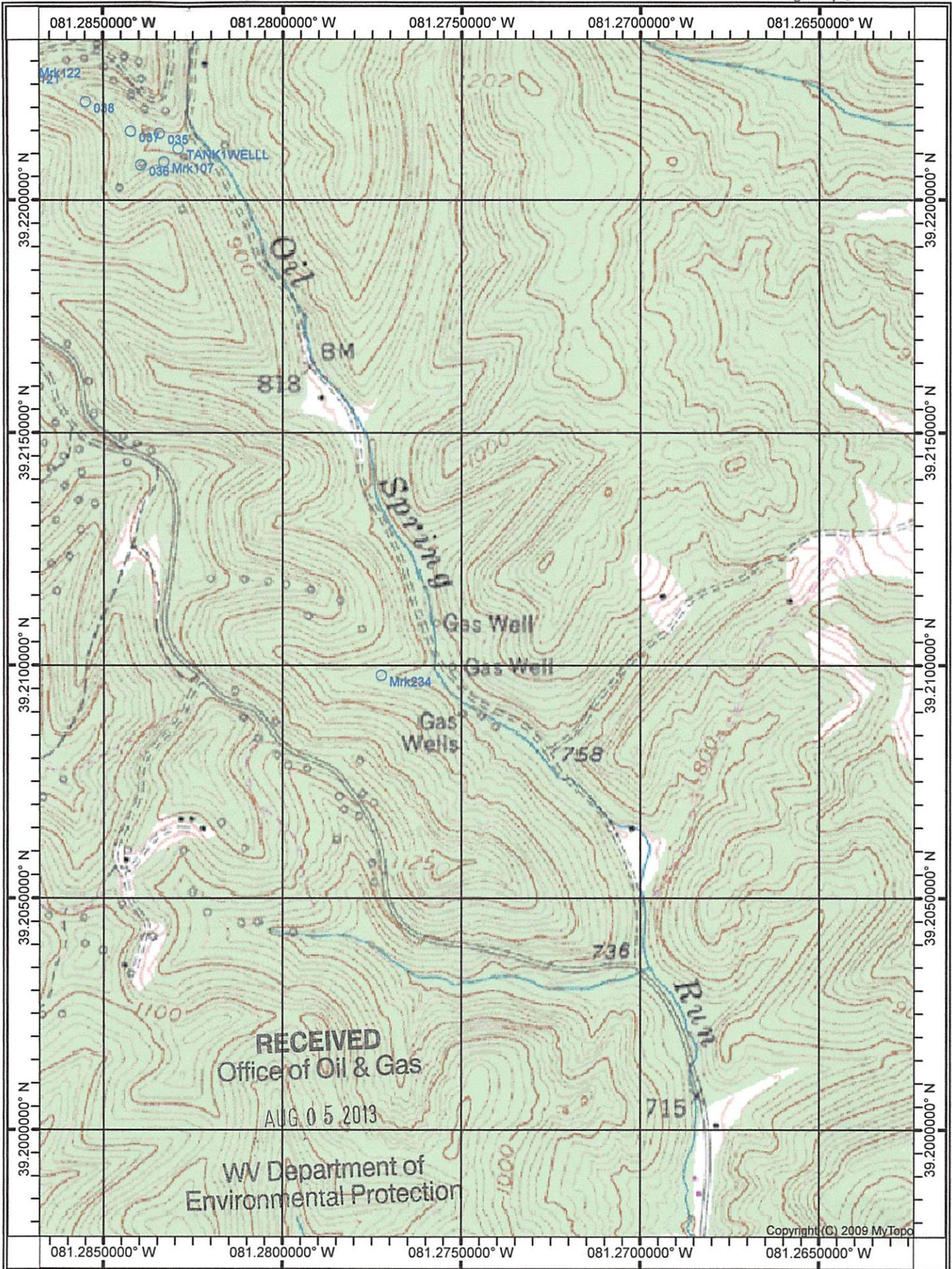
WV Department of  
Environmental Protection

Plan Approved by: David Gilbert

Title: Inspector Date: 7/15/13

Field Reviewed?  Yes  No

85-10056P



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AUG 05 2013

WV Department of  
Environmental Protection

WW-7  
8-30-06



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

API: 47-085-10056<sup>P</sup> WELL NO.: Steel Run #4 (80618)

FARM NAME: Mike Ross Inc.

RESPONSIBLE PARTY NAME: WVDEP

COUNTY: Ritchie DISTRICT: Grant

QUADRANGLE: Petroleum

SURFACE OWNER: Mike Ross Inc.

ROYALTY OWNER: W.B, Richardson agent for Carle & Cuthbert Heirs

UTM GPS NORTHING: 4340092.0

UTM GPS EASTING: 476039.0 Elevation 843'

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 \_\_\_\_: 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.

Dave Gilbert  
Signature

Inspector Specialist  
Title

Date 7/15/2012

WW-4D  
(6-07)

85-10056P

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

I, the undersigned, have been notified by a representative from the West Virginia Department of Environmental Protection (WVDEP), Office of Oil and Gas, of an abandoned well.

This Well(s) and/or tank(s) is considered a potential hazard or imminent danger, or a Possible pollutant to the surface or underground, or is wasting natural resources (leaking) and Must be properly plugged or cleaned out and replugged.

I hereby give the State of West Virginia permission to have a responsible contractor enter Upon or traverse my property for the purpose of plugging this well(s) and or remove tank(s)

Permit No. (if known) \_\_\_\_\_ Well No.(if known) 85-90094,95,96

Farm Name Cuthbert & Carle County Ritchie

District Grant Waters of Oil spring Run

The contractor will properly Plug the above well(s), remove all materials from the Well location and reclaim, seed and mulch the well location and well road accesses used to state Specifications. The plugging and reclamation shall be supervised by the WVDEP.

Owner Name Mike Ross Inc X

Owner Signature Mike Ross

Owner Address Rt 5 Box 29

Buckhannon Wv 26201

Date 1-28-13

Please Return to: WVDEP-OFFICE OF OIL AND GAS

Dave Gilbert

601 57<sup>th</sup> Street

Charleston WV 25304

304-389-3705

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Environmental Protection