



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

September 09, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8510160, 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: STEEL RUN #5 (80619)

Farm Name: ROSS, MIKE INC.

API Well Number: 47-8510160

Permit Type: Plugging

Date Issued: 09/09/2014

Promoting a healthy environment.

09/12/2014

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

1) Date 9/8/2014
2) Operator's Well No.
Steele Run #5-80619
3) API Well No. 47-085-_____

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 864' _____ Watershed Steele Run _____
District Grant _____ County Pleasants Quadrangle Petroleum _____
- 6) Well Operator WV DEP Plugging _____ 7) Designated Agent James Martin _____
Address 601 57th Street _____ Address 601 57th Street SE _____
Charleston, WV 25304 _____ Charleston, WV 25304 _____
- 8) Oil and Gas Inspector to be notified Name David W. Cowan _____ 9) Plugging Contractor
Address Rt. 1 Box 202 _____ Name R.L. Wharton Enterprises _____
Harrisville, WV 26362 _____ Address Rt. 9 Box 218 _____
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 1st Cow Run when drilled. The 1st 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

OFFICE USE ONLY

PLUGGING PERMIT

Permit Number _____ 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

Received
SEP - 8 2014
Office of Oil and Gas
WV Dept. of Environmental Protection

09/12/2014

WW-4D
(6-07)

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.

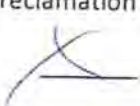
I hereby give the State of West Virginia permission to have a responsible contractor enter Upon or traverse my property for the purpose of plugging this well(s) and or remove tank(s)


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 

Owner Signature 

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 57th Street
Charleston WV 25304
304-389-3705

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Office of Oil and Gas
WV Dept. of Environmental Protection

09/12/2014

**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 864' 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 _____

Company Official (Typed Name) James Martin

Company Official Title Agent

Subscribed and sworn before me this _____ day of _____, 19____

Notary Public

My commission expires _____

LEGEND

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Division of Environmental Protection
09/12/2014

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

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

Attach:

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: David Gilbert

Title: Inspector

Date: 9/8/13

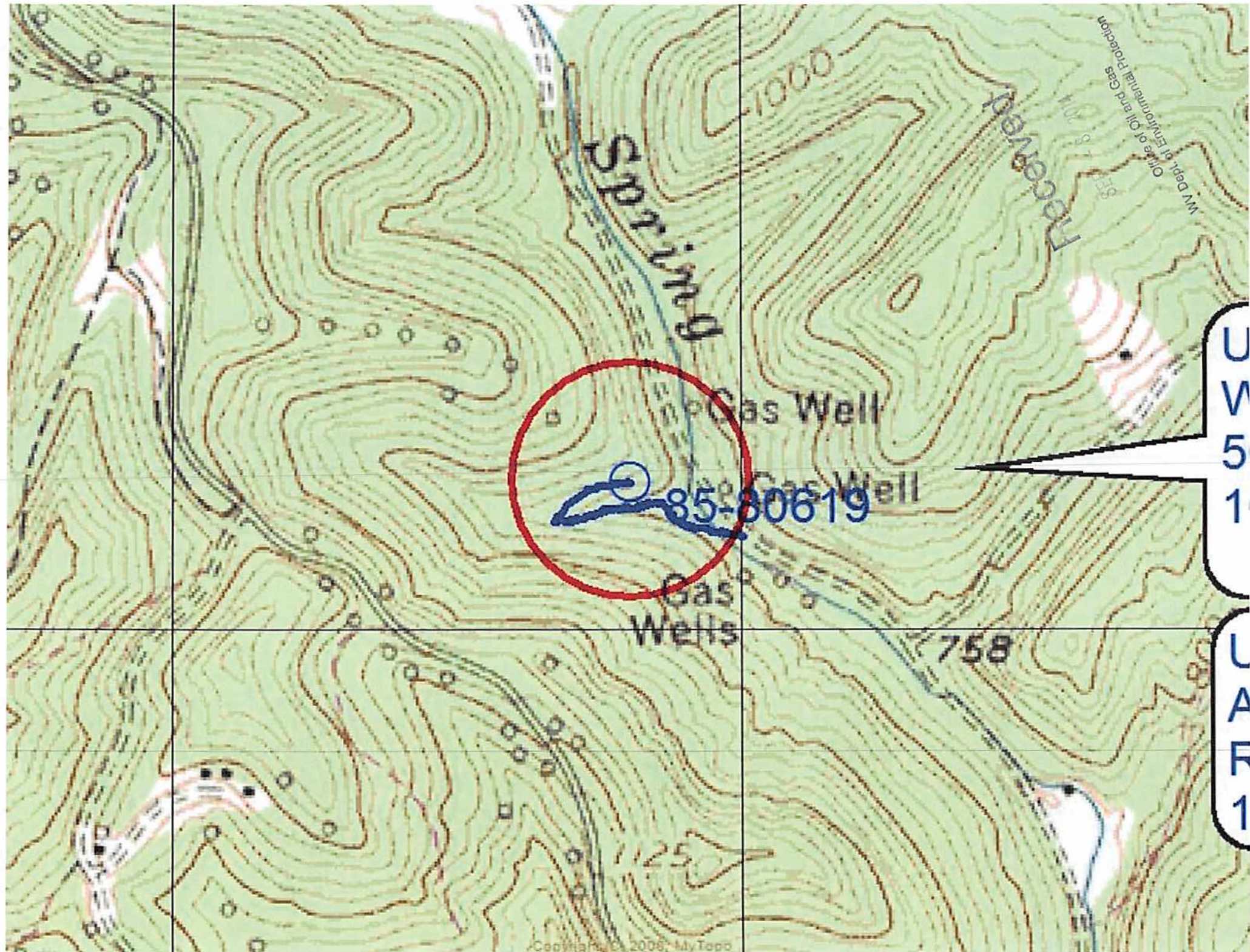
Field Reviewed? Yes

No

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Office of Oil and Gas
WV Dept. of Environmental Protection
09/12/2014



Spring

Recovered



Gas Well

Gas Well

Gas Wells

758

U
V
5
1

U
A
F
1

WV Dept. of Environmental Protection
Office of Oil and Gas

WW-7
8-30-06



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

API: 47-085- _____ WELL NO.: Steel Run #5 (80619) _____

FARM NAME: Mike Ross Inc. _____

RESPONSIBLE PARTY NAME: WVDEP _____
COUNTY: Ritchie 95 _____ DISTRICT: Grant 02 _____

QUADRANGLE: Petroleum 544 _____

SURFACE OWNER: Mike Ross Inc. _____

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

UTM GPS NORTHING: 4340150.0 _____

UTM GPS EASTING: 476099.0 _____ Elevation 864' _____

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 9/8/2012 _____

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Environmental Protection
09/12/2014

State of West Virginia
Division of Environmental Protection
Office of Oil and Gas
Discharge Monitoring Report
Oil and Gas General Permit

Company Name: WV DEP Plugging
API: 47-085- County: Ritchie
District: Grant
Farm Name: Mike Ross Inc. Well No: Steele Run # 5 80619
Discharge Dates/s From:(MMDDYY) _____ TO:(MMDDYY) _____
Discharge Times : From _____ TO _____
Disposal Option Utilized: UIC (2): X Permit No. 2D0855151
Centralized Facility (5): _____ Permit No. _____
Reuse (4): _____ Alternate Permit Number: _____
Offsite Disposal(3): _____ Off Site Location: _____ (UIC#2D0855151 _____ BBLs _____
Land Application(1): _____ (Include a topographical map of the Area.)
Other method(6): _____ (Include an explanation)

Follow Instructions below to determine your treatment category.

Optional Pretreatment test: _____ Cl- mg/l _____ DO Mg/l

1. Do you have permission to use expedited treatment from the Director or his representative? (Y/N) No If yes who? _____, and place a four (4) on line 7. If not go to line 2
2. Was Frac Fluid or flowback put into the pit? (Y/N) No If yes go to line 5 if not go to line 3
3. Do you have a chloride value pretreatment (see above)? (Y/N) _____ If yes go to line 4 if not go to line 5
4. Is that chloride level less than 5000 mg/l? (Y/N) _____ If yes then enter a one (1) on line 7
- 5 Do you have a pretreatment value for DO? (See above) (Y/N) _____ If yes then go to line 6 if not enter a three (3) in line 7.
- 6 Is that DO greater than 2.5 mg/l?(Y/N) _____ If yes then enter a two (2) on line 7 If not enter a three (3) on line 7.
7. _____ is the category of your pit. Use the Appropriate section.

Name of Principal Exec. Officer David .Gilbert

Title of Officer Inspector Specialist

Date Completed: _____

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the 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.

Signature of a Principal Exec. Officer or Authorized agent

David Gilbert
Signature

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