November 04, 2013

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-5100169, issued to EAGLE NATRIUM 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: 5 BRINE WELL
Farm Name: EAGLE NATRIUM, LLC/AXIALL
API Well Number: 47-5100169
Permit Type: Plugging
Date Issued: 11/04/2013

Promoting a healthy environment.
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.
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 ____ / Liquid injection ____ / Waste disposal X____
   (If "Gas, Production ____ or Underground storage ____) Deep ____ / Shallow____

5) Location: Elevation 685 ft. Watershed Ohio River
   District Franklin 3 County Marshall Quadrangle New Martinsville, WV 509

6) Well Operator Eagle Natrium, LLC
   Address P.O. Box 191
   New Martinsville, WV 26155

7) Designated Agent J. Thomas Horan
   Address P.O. Box 191
   New Martinsville, WV 26155(S)

8) Oil and Gas Inspector to be notified
   Name __________________________
   Address ________________________

9) Plugging Contractor
   Name __________________________
   Address ________________________

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

RECEIVED
Office of Oil and Gas

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

Work order approved by inspector __________________________ Date _________________

OCT 10 2013
WV Department of
Environmental Protection
Date: 10/04/13

Operator Well No. 5 Brine Well

API Well No. 47-051-0169

Work Order (description of proposed well plugging plan):

1. A 5-1/2 in. plug was previously set @ approximately 6100 ft. (complete).
2. Free point 5-1/2 in. casing, cut, and remove.
3. Mill out the remaining 5-1/2 in. casing.
4. Run a caliper log in the 8-5/8 in. casing.
5. Set an 8-5/8 in. plug @ approximately 6400 ft.
6. Cement inside of 8-5/8 in. casing from approximately 6400 to 6100 ft.
7. Mill a window in the 8-5/8 in. casing from approximately 6070 to 6090 ft.
8. Balance plug (cement) from approximately 6100 to 5700 ft.
9. Gel inside of 8-5/8 in. casing to approximately 1500 ft.
10. Mill a window in the 8-5/8 in. casing from approximately 1390 to 1410 ft.
11. Balance plug (cement) from approximately 1500 to 1200 ft.
12. Gel inside of 8-5/8 in. casing from approximately 1200 to 300 ft.
13. Cement inside of 8-5/8 in. casing from approximately 300 ft. to surface.
14. Install a permanent monument @ the surface of the well.

* Cement Plug from 1150'-1080'. Across perforations.*

Cement plugs are Glass A cement with no more than 3% CaCl2 and no other additives.

Gel is fresh water with at least 6% bentonite.
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Pittsburgh Plate Glass Co.

PITTSBURGH PLATE GLASS CO.
AGENTS FOR
DEFENSE PLANT CORP.

262 2

New Location
Rollan & J.N. Wells

0.475
0.584

Company: PITTSBURGH PLATE GLASS CO.
Agent: DEFENSE PLANT CORP.

Well Location Map
FILE NO. MARS-169
MARS-191

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston

Well Location Map
FILE NO. MARS-169
MARS-191

- Denotes location of well on United States Topographic Map, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces in border line of original tracing.
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: Eagle Natruria, LLC/ Axial Corporation
   Address: P.O. Box 191
            New Martinsville, WV 26155

   (b) Name: ____________________________
   Address: ____________________________

   (c) Name: ____________________________
   Address: ____________________________

5) (a) Coal Operator
   Name: ______________________________
   Address: ____________________________

   (b) Coal Owner(s) with Declaration
   Name: ______________________________
   Address: ____________________________

   (c) Coal Lessee with Declaration
   Name: ______________________________
   Address: ____________________________

6) Inspector
   Address: ____________________________

   Telephone: __________________________

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 site 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 reverse 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
Eagle Natruria, LLC/ Axial Corporation

By: ________________________________
   Agent

Address: P.O. Box 191
          New Martinsville, WV 26155

Telephone: 304-455-2200, ext. 3310

Subscribed and sworn before me this 7th day of October 2013

My Commission Expires April 10, 2016

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.
SURFACE OWNER WAIVER

Operator's Well Number

No. 5 Brine Well

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

Etc.

______________________________ Date __________________________
Signature

By ____________________________
______________________________ Date __________________________
Name

FOR EXECUTION BY A CORPORATION

______________________________ Date __________________________
Signature

By Its ____________________________
______________________________ Date __________________________
J. Thomas Howan (AGENT)
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 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: 10/07/13

Eagle Natrium, LLC/ Axiall Corporation

By: __________________________

Its Agent

RECEIVED
Office of Oil and Gas
OCT 10 2013
WV Department of Environmental Protection
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: Eagle Natrium, LLC

Watershed: Ohio River

Elevation: 685 ft.

County: Marshall

Description of anticipated Pit Waste: N/A

Will a synthetic liner be used in the pit? N/A

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)

Proposed Work For Which Pit Will Be Used:
- Drilling
- Workover
- Swabbing
- Other (Explain N/A)
- Plugging

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: [Signature]

Company Official (Typed Name): J. Thomas Horan

Company Official Title: Manager, Environmental Control

Subscribed and sworn before me this 7th day of October, 2013

Notary Public

My commission expires April 10, 2016
Proposed Revegetation Treatment: Acres Disturbed <1 acre Prevegetation pH 

Lime Tons/acre or to correct pH 

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

Mulch Tons/acre

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<th></th>
<th>Area II</th>
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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.
(Attached)

Plan Approved by: RECEIVED

Office of Oil and Gas

OCT 1 0 2013

Title: Date: WV Department of
Environmental Protection

Field Reviewed? Yes No
West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: __47-051-0169__ WELL NO.: No. 5 Brine Well

FARM NAME: __Eagle Natrium, LLC/ Axiall Corporation_______

RESPONSIBLE PARTY NAME: __Eagle Natrium, LLC/ Axiall Corporation_______

COUNTY: __Marshall________________ DISTRICT: __Franklin__________

QUADRANGLE: __New Martinsville____________________________

SURFACE OWNER: __Eagle Natrium, LLC/ Axiall Corporation________________

ROYALTY OWNER: __Eagle Natrium, LLC/ Axiall Corporaton___________

UTM GPS NORTHING: __4,399,571________________________

UTM GPS EASTING: __513,144_____ GPS ELEVATION: __685 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:


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 ______
   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  Date  Manager, Environmental Control Title

5100169
October 8, 2013

Certified Mail Return Receipt Requested

James Martin, Chief
WV Department of Environmental Protection
Office of Oil & Gas
601 57th Street
Charleston, WV 25304

Attention: Mr. James Peterson:

Subject: Plug and Abandon Permit Application for #5 Brine Well,
API Well Number 47-051-0169, UIC Permit No. UIC3S05101

Please find attached, the required completed forms and associated map to plug and abandon #5 Brine Well, API Well Number 47-051-0169.

If you have any questions, please call Mr. Ed McLaughlin at (304) 455-2200 extension 3476.

Sincerely,

J. Thomas Horan
Manager Environmental

Attachments: