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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](http://www.dep.wv.gov)

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

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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 10/07, 2013
- 2) Operator's  
Well No. 5 Brine Well
- 3) API Well No. 47-051 - 0169 P

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

OCT 10 2013

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

WV Department of  
Environmental Protection

Work order approved by inspector \_\_\_\_\_ Date \_\_\_\_\_

51-00169P

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 1180'-1080'. ACROSS PERFORATIONS. ★

CEMENT PLUGS ARE CLASS A CEMENT WITH NO MORE THAN 3%  $CaCl_2$  AND NO OTHER ADDITIVES.

GEL IS FRESH WATER WITH AT LEAST 6% BENTONITE.

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Office of Oil and Gas

OCT 10 2013

WV Department of  
Environmental Protection



WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. Mars 169  
New Martinsville Quad.  
Company  
Address  
Farm  
Location  
Well No.  
District  
Surface  
Mineral  
Commenced  
Completed

Pittsburgh Plato Glass Co.  
New Martinsville, W.Va.  
DeFonso Plant Corp. A 262  
Ohio River  
5 Elev. 676  
Franklin Marshall County  
Pittsburgh Plato Glass Co.  
New Martinsville, W.Va.  
Wells Bottom Fuel Co.  
c/o A.W. Cotton, Uniontown, Penna.  
May 21, 1946  
Sept. 6, 1946

Brino Well  
CASING & TUBING

13	932	932
10	988	988
8 1/4	5513	5513
4 1/2 OD		6810
Casing cemented		
13 3/8 OD	932	-5-31-46
8 5/8 O.D.	1700	6-1-46

	0	8	Rotary Table		
Red Bed and Shells	8	69	Sandy Shale	3175	3204
Red Bed, Sand	69	104	Shale	3204	328
Sand & Shales	104	200	Sandy Shale	3280	3311
Sand & Shale	200	204	Limo & Shale	3211	3346
Coal Corod	204	208	Sand & Shale	3346	4084
Sand & Shale	208	221	Sandy Limo & Shale	4084	4090
Limo	266	286	Sandy Limo & Shells	4090	4108
Sand & Shale	286	350	Sand & Shells	4108	4146
Limo	350	365	Sand & Shale	4146	4354
Sand & Shale	365	430	Sand, Shale & Shells	4354	4425
Shale & Shells	430	1000	Sand & Shale	4425	4540
Shale & Limo	1000	1046	Sand, Shale & Shells	4540	4623
Limo	1046	1110	Sand & Shale	4623	5855
Sand H	1110	1125	Limo & Sand	5855	5863 - over
Limo	1125	1144	Limo	5863	6069
Cheyty Limo	1144	1155	Oriskany Sand 47'	6069	6116 - orisk
Shale & Shells	1155	1190	Sand & Shale	6116	6131
Sand & Shells	1190	1257	Limo	6131	6231
Sandy Shale	1257	1296	Limo & Shale	6231	6247
Sand & Shale	1296	1301	Limo	6247	6399
Sand Cored	1301	1312	Sand & Limo	6399	6445
Greenbrier Limo Cored	1312	1351 29'	Sand & Limo Broken	6445	6453
Sand Cored	1351	1354	Limo	6453	6547
Greenbrier Limo Cored	1354	1364	Limo Cored	6547	6565
Sand	1364	1391	Limo Gr Cored	6565	6597
Sandy Limo H	1391	1420	Limo Cored	6597	6600
Sand	1420	1466	Limo Broken Cored	6600	6603
Sand H	1466	1508	Limo Cored	6603	6612
Sand	1508	1623	Limo Bk Cored	6612	6622
Sand H	1623	1646	Limo cored Broken Gr	6622	6660
Sand	1646	1680	Limo Sm. amts. gypsum	6660	6708
Shale & Shells	1680	1799	Salt cored	6708	6771
Sandy Shale	1799	1810	Limo cored	6771	6792
Sand H	1810	1857	Salt -Lm. cored	6792	6822
Sand & Shale	1857	1888	streaks		
Sandy Shale & shells	1888	1969	Sandy Limo cored	6822	6838
Shale	1969	1990			
Sand	1990	2000			
Shale & Shells	2000	2150			
Shale Bl	2150	2239			
Shale & Sand	2239	2253			
Sandy Shale	2253	2300			
Shale	2300	2335	Oil stains 2315-2330		
Sand	2335	2353			
Sandy Shale	2353	2357			
Sand & Shale	2357	2435			
Shale & Shells	2435	2482			
Sandy Shale	2482	2512			
Shale	2512	2588			
Shale & Sand	2588	2621			
Shale	2621	2890			
Sandy Shale	2890	2917			
Shale	2917	2969			
Sand, Limo & Shale	2969	2991			
Sandy Limo	2991	3005			
Shale	3005	3175			

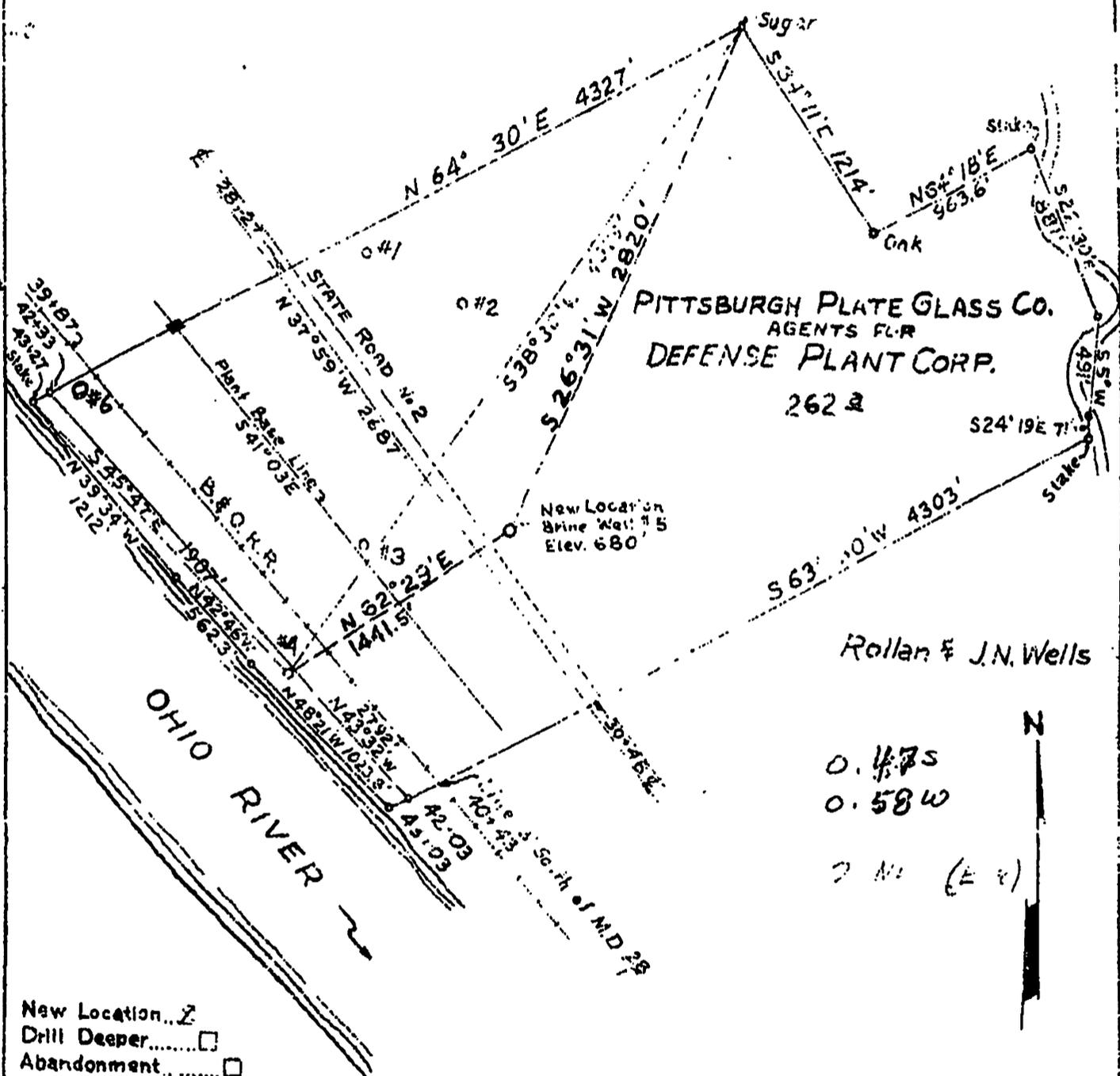
5855  
676  
-5179

6069  
676  
-5393

Latitude 39° 45' 1-11 N. 6

+ 169 No. 5

Pittsburgh Plate Glass Co.



Rollan & J.N. Wells

O. 47S  
O. 58W  
2 No. (E & W)

New Location...   
 Drill Deeper...   
 Abandonment...

Company PITTSBURGH PLATE GLASS CO  
 Address NEW MARTINSVILLE W. VA.  
 Farm DEFENSE PLANT CORP  
 Tract \_\_\_\_\_ Acres 262 Lease No. \_\_\_\_\_  
 Well (Farm) No. 5 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 680  
 Quadrangle NEW MARTINSVILLE - NC  
 County MARSHALL District FRANKLIN  
 Engineer John L. Michaelis  
 Engineer's Registration No. 1242  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 3-19-46 Scale 1" = 80'

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 Maps, 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.

New Well

510069A

WW-4A  
Revised 6-07

1) Date: 10/07/13  
2) Operator's Well Number  
No. 5 Brine Well

3) API Well No.: 47 - 051 - 0169 P

**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 Natrium, LLC/ Axiall Corporation Address P.O. Box 191  
New Martinsville, WV 26155

(b) Name \_\_\_\_\_ Address \_\_\_\_\_

(c) Name \_\_\_\_\_ Address \_\_\_\_\_

5) (a) Coal Operator Name (Same) 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 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 Eagle Natrium, LLC/ Axiall Corporation

By: [Signature] Agent

Its: \_\_\_\_\_ Address P.O. Box 191  
New Martinsville, WV 26155  
Telephone 304-455-2200, ext. 3310



RECEIVED  
Office of Oil and Gas  
OCT 10 2013

Subscribed and sworn before me this 7<sup>th</sup> day of October 2013  
\_\_\_\_\_  
Notary Public

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 [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).

WV Department of  
Environmental Protection

**SURFACE OWNER WAIVER**

51.00169P

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 57<sup>th</sup> 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.

FOR EXECUTION BY A CORPORATION,

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Office of Oil and Gas  
OCT 10 2013

	Date	Name	Eagle Natrium, LLC/ Natrium Corp.
Signature		By	J. Thomas Horan
		Its	<u>J. Thomas Horan (AGENT)</u> Date <u>10/3/13</u>
		Signature	Date

Department of  
Section

WW-4B

51 00169 P

API No.	<u>47-051-0169</u>
Farm Name	<u>Eagle Natrium, LLC/ Axiall</u>
Well No.	<u>5 Brine Well</u>

**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: 10/07/13

Eagle Natrium, LLC/ Axiall Corporation

By: *J. T. Hagan*

Its Agent

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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 OP Code \_\_\_\_\_

Watershed Ohio River Quadrangle New Martinsville, WV

Elevation 685 ft. County Marshall District Franklin

Description of anticipated Pit Waste: N/A

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

*ALL WELL EFFLUENT MUST BE CONTAINED IN TANKS.*

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  Swabbing  
 Workover  Plugging  
 Other (Explain N/A)

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 J. Thomas Horan

Company Official (Typed Name) J. Thomas Horan

Company Official Title Manager, Environmental Control

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Office of Oil and Gas

OCT 10 2013

Subscribed and sworn before me this 7<sup>th</sup> day of October, 2013

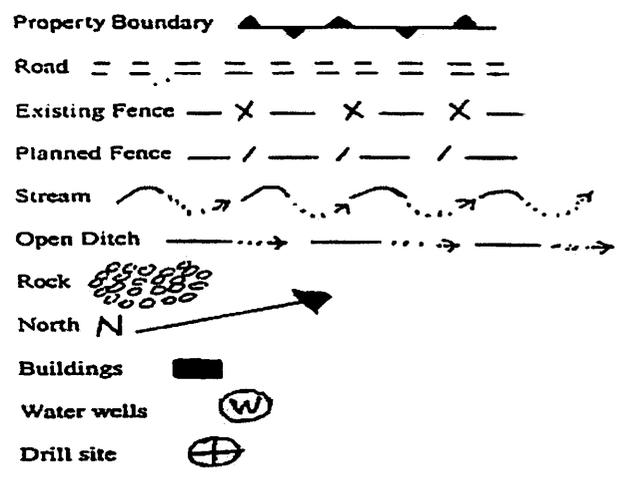
WV Department of Environmental Protection

Karen Sapp Notary Public

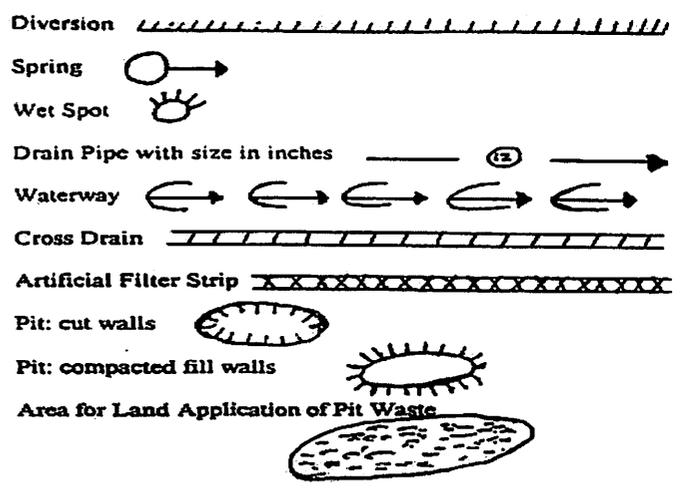


My commission expires April 10, 2016

Operator's Well No. 5 Brine Well  
51-00169P



**LEGEND**



Proposed Revegetation Treatment: Acres Disturbed <1 acre Prevegetation pH \_\_\_\_\_

Lime \_\_\_\_\_ Tons/acre or to correct to pH \_\_\_\_\_

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

Mulch \_\_\_\_\_ Tons/acre

**Seed Mixtures**

Seed Type	Area I		Seed Type	Area II	
		lbs/acre			lbs/acre
N/A					

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: \_\_\_\_\_

Comments: \_\_\_\_\_

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Office of Oil and Gas

OCT 1 0 2013

Title: \_\_\_\_\_ Date: \_\_\_\_\_

Field Reviewed? ( ) Yes ( ) No

WV Department of  
Environmental Protection





Axiall Corporation  
Eagle Natrium LLC  
PO Box 191  
New Martinsville, WV 26155

J. Thomas Horan  
Manager Environmental  
Telephone: (304) 455-2200 ext. 3310  
Fax: (304) 455-2422  
Tom.Horan@axiall.com

October 8, 2013

**Certified Mail Return Receipt Requested**

James Martin, Chief  
WV Department of Environmental Protection  
Office of Oil & Gas  
601 57<sup>th</sup> 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,

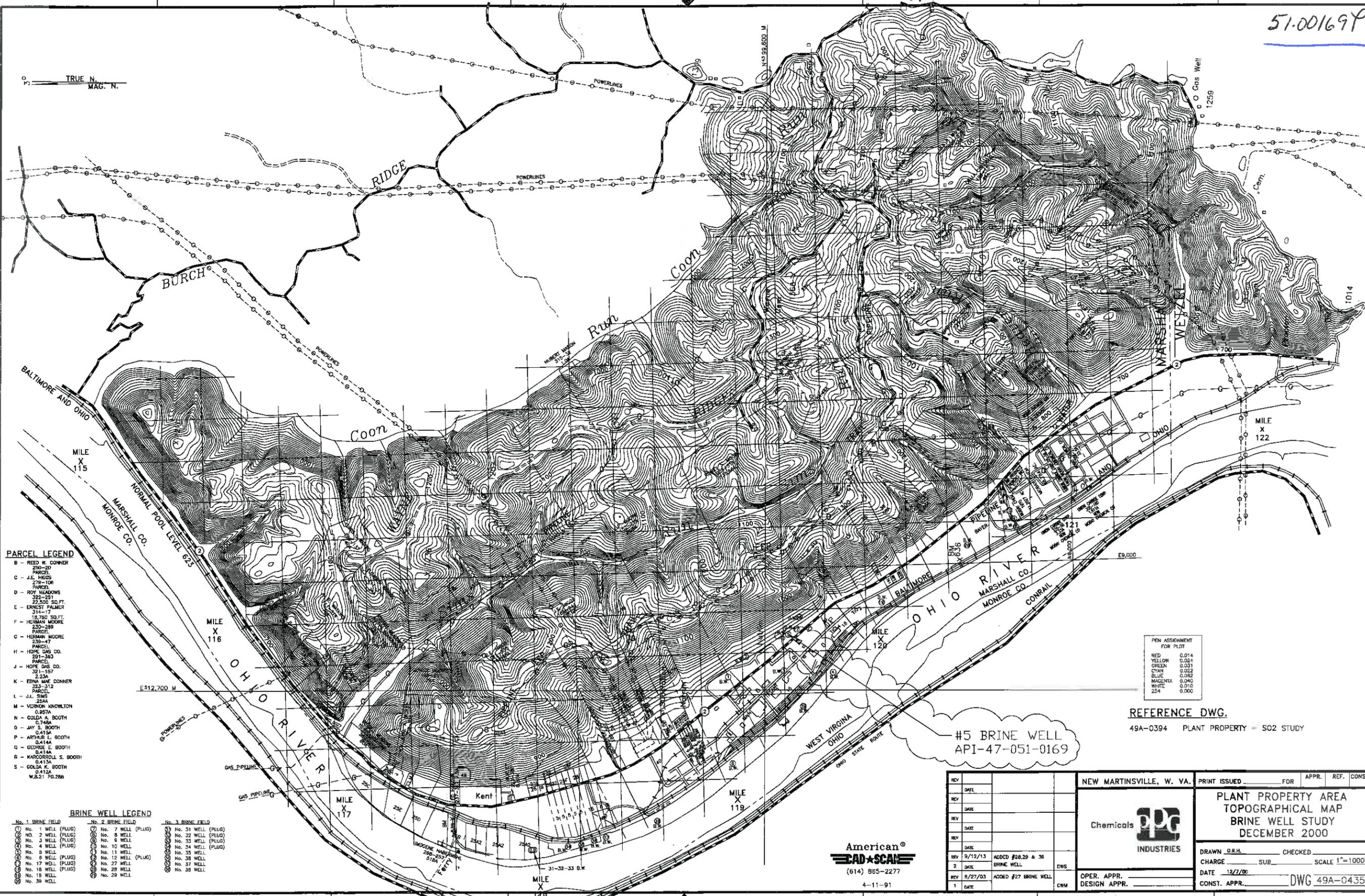
A handwritten signature in blue ink that reads "J. Thomas Horan".

J. Thomas Horan  
Manager Environmental

Attachments:

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Office of Oil and Gas  
OCT 10 2013  
WV Department of  
Environmental Protection

51-00169P



**PARCEL LEGEND**

- B - REED W. CONNER 250-20 PARCEL
- C - J.E. HIGGS 279-108 PARCEL
- D - ROY MEADOWS 322-201 22,500 SQ. FT.
- E - ERNEST PALMER 314-17 18,750 SQ. FT.
- F - HERMAN MOORE 230-288 PARCEL
- G - HERMAN MOORE 238-47 PARCEL
- H - HOPE GAS CO. 201-363 PARCEL
- J - HOPE GAS CO. 321-157 2,23A
- K - EDNA WIFE CONNER 253-312 PARCEL
- L - J.L. SIMS 254A
- M - VERNON KNOWLTON 0.857A
- N - GOLDA A. BOOTH 0.748A
- O - JAY S. BOOTH 0.413A
- P - ARTHUR L. BOOTH 0.414A
- Q - GEORGE E. BOOTH 0.414A
- R - KARDOSSOL S. BOOTH 0.413A
- S - GOLDA K. BOOTH 0.412A W.B.21 P.8.28B

**BRINE WELL LEGEND**

- |                      |                      |                      |
|----------------------|----------------------|----------------------|
| No. 1 BRINE FIELD    | No. 2 BRINE FIELD    | No. 3 BRINE FIELD    |
| ○ No. 1 WELL (PLUG)  | ○ No. 7 WELL (PLUG)  | ○ No. 31 WELL (PLUG) |
| ○ No. 2 WELL (PLUG)  | ○ No. 8 WELL         | ○ No. 32 WELL (PLUG) |
| ○ No. 3 WELL (PLUG)  | ○ No. 9 WELL         | ○ No. 33 WELL (PLUG) |
| ○ No. 4 WELL (PLUG)  | ○ No. 10 WELL        | ○ No. 34 WELL (PLUG) |
| ○ No. 5 WELL         | ○ No. 11 WELL        | ○ No. 35 WELL        |
| ○ No. 6 WELL (PLUG)  | ○ No. 12 WELL (PLUG) | ○ No. 36 WELL        |
| ○ No. 17 WELL (PLUG) | ○ No. 27 WELL        | ○ No. 37 WELL        |
| ○ No. 18 WELL (PLUG) | ○ No. 28 WELL        | ○ No. 38 WELL        |
| ○ No. 19 WELL        | ○ No. 29 WELL        |                      |
| ○ No. 30 WELL        |                      |                      |

PEN ASSIGNMENT FOR PLOT

RED	0.014
YELLOW	0.024
GREEN	0.031
CYAN	0.022
BLUE	0.082
MAGENTA	0.042
WHITE	0.015
254	0.000

**REFERENCE DWG.**

49A-0394 PLANT PROPERTY - 502 STUDY

#5 BRINE WELL  
API-47-051-0169

American®  
CAD\*SCAN  
(614) 855-2277  
4-11-91

REV	DATE	DESCRIPTION	BY	CHKD
REV 1	5/12/13	ADDED #28,29 & 30 BRINE WELL	DWS	
REV 2	5/27/03	ADDED #27 BRINE WELL	CWM	
REV 3				
REV 4				

NEW MARTINSVILLE, W. VA. PRINT ISSUED \_\_\_\_\_ FOR APPR. REF. CONST.

Chemicals **DCI** INDUSTRIES

OPER. APPR. \_\_\_\_\_  
DESIGN APPR. \_\_\_\_\_

PLANT PROPERTY AREA TOPOGRAPHICAL MAP BRINE WELL STUDY DECEMBER 2000	
DRAWN G.R.H.	CHECKED _____
CHARGE _____	SUB _____ SCALE 1"=1000'
DATE 12/22/00	DWG 49A-0435
CONST. APPR. _____	