



**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

November 25, 2014

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-1702079, issued to EQT PRODUCTION COMPANY, 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: 4809  
Farm Name: NUTTER  
**API Well Number: 47-1702079**  
**Permit Type: Plugging**  
Date Issued: 11/25/2014

**Promoting a healthy environment.**

**11/28/2014**

## 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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

1702099P

Form WW-4 (B)  
Permit Copy  
(Rev 2/01)

Date: October 6, 2014  
Operator's Well \_\_\_\_\_  
Well No. 604809 (E. Nutter #4809)  
API Well No.: 47 017 - 02079

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

CK 18321  
100.00

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil \_\_\_\_\_ Gas X Liquid Injection \_\_\_\_\_ Waste Disposal: \_\_\_\_\_  
If Gas, Production \_\_\_\_\_ X Or Underground storage \_\_\_\_\_ Deep \_\_\_\_\_ Shallow X

5) Elevation: 1167 ft. Watershed: Sheep Run  
Location: West Union County: Doddridge Quadrangle: Oxford  
District: \_\_\_\_\_

6) Well Operator EQT Production Company  
120 Professional Place  
Address: Bridgeport, WV 26330

7) Designated Agent: Rex C. Ray  
Address: 120 Professional Place  
Bridgeport, WV 26330

8) Oil & Gas Douglas Newlon  
Name: 4060 Dutchman Road  
Address: Macfarlan, WV 26148

9) Plugging Contractor:  
Name: HydroCarbon Well Service  
Address: PO BOX 995  
Buckhannon, WV 26201

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

**See Attachment for details and procedures.**

OK J. Nutter

OFFICE USE ONLY

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

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

Received  
Office of Oil & Gas

OCT 10 2014

11/28/2014



PLUGGING PROGNOSIS –Weston

**Nutter, E. #4809 (604809)**

Doddridge Co., West Virginia  
API # 47-017-02079  
Southwest Quad

BY: Craig Duckworth  
DATE: 9/24/14

**CURRENT STATUS:**

10" csg @ 458'  
8 1/4" csg @ 1116'  
6 5/8" csg @ 1857'

**TD @ 1985'**

**Fresh Water @ None reported**                      **Salt Water @ 1311'**  
**1" Salt Sand @ 1170'**                              **Coal @ None reported**  
**Gas Shows @ 936'-939' Little Dunkard ; 1942'-1946' Big Injun ; 1949' 1954' Unrecorded**  
**Oil Shows @ 1308'-1310'**  
**Stimulation: None reported**  
**Elevation: ????? 1167'**

1. Notify State Inspector, **Douglas Newlon 304-932-8049**, 24 hrs. Prior to commencing operations.
2. TIH w/ tbg @ 1985'; Set 100' C1A Cement Plug @ 1985' to 1885' ( Gas Shows @ 1949'-1954 unknown ; 1942'-1946' Big Injun )
3. TOOH w/ tbg, Free Point 6 5/8", cut 6 5/8" @ free point, TOOH w/ 6 5/8" csg
4. TIH w/ tbg @ 1885' ; Set 100' C1A Cement Plug @ 1885' to 1785' (6 5/8" casing cut )
5. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 6 5/8" cut.  
Do not omit any plugs
6. TOOH w/ tbg @ 1785'; gel hole @ 1785' to 1361'
7. TOOH w/ tbg @ 1361'; Set 100' C1A Cement Plug @ 1361' to 1261' (Oil Show @ 1308'-1310' & Salt Water @ 1311')
8. TOOH w/ tbg @ 1261'; gel hole @ 1261' to 1170'.
9. TOOH w/ tbg, Free Point 8 1/4", cut 8 1/4" @ free point, TOOH w/ 8 1/4" csg
10. TIH w/ tbg @ 1170'; Set 110' C1A Cement Plug @ 1170' to 1060' (8 1/4" casing seat & Salt Sand @ 1170' )
11. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 8 1/4" cut.  
Do not omit any plugs
12. TOOH w/ tbg @ 1060'; gel hole @ 1060' to 990'.
13. TOOH w/ tbg @ 990'; Set 104' C1A Cement Plug @ 990' to 886' (Gas Show @ 936'-939' Little Dunkard)
14. TOOH w/ tbg @ 886' gel hole @ 886' to 508'.
15. TOOH w/ tbg @ 508'; Set 100' C1A Cement Plug @ 508' to 408' ( 10" csg @ 458')
16. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 10" cut.  
Do not omit any plugs
17. TOOH w/ tbg @ 408' gel hole @ 408' to 200'.
18. TOOH w/ tbg @ 200'; Set 200' C1A Cement Plug @ 200' to 0' ( Surface)
19. Top off as needed
20. Set Monument to WV-DEP Specifications
21. Reclaim Location & Road to WV-DEP Specifications

Received  
Office of Oil & Gas  
OCT 10 2014

## PLUGGING PROGNOSIS - Weston

**Nutter, E. #4809 (604809)**

Doddridge Co., West Virginia  
 API # 47-017-02079  
 Southwest Quad

BY: Craig Duckworth  
 DATE: 9/24/14

**CURRENT STATUS:**

10" csg @ 458'  
 8 1/4" csg @ 1116'  
 6 5/8" csg @ 1857'

ID @ 1985'

**Fresh Water @ None reported**      **Salt Water @ 1311'**  
**1<sup>st</sup> Salt Sand @ 1170'**      **Coal @ None reported**  
**Gas Shows @ 936'-939' Little Dunkard ; 1942'-1946' Big Injun ; 1949' 1954' Unrecorded**  
**Oil Shows @ 1308'-1310'**  
**Stimulation: None reported**  
**Elevation: ????' 1167'**

1. Notify State Inspector, Douglas Newlon 304-932-8039, 24 hrs. Prior to commencing operations.
2. TIH w/ tbg @ 1985'; Set 100' CIA Cement Plug @ 1985' to 1885' ( Gas Shows @ 1949'-1954 unknown ; 1942'-1946' Big Injun )
3. TOOH w/ tbg, Free Point 6 5/8", cut 6 5/8" @ free point, TOOH w/ 6 5/8" csg
4. TIH w/ tbg @ 1885' ; Set 100' CIA Cement Plug @ 1885' to 1785' (6 5/8" casing cut )
5. Set a 100' CIA Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 6 5/8" cut. Do not omit any plugs
6. TOOH w/ tbg @ 1785'; gel hole @ 1785' to 1361'
7. TOOH w/ tbg @ 1361'; Set 100' CIA Cement Plug @ 1361' to 1261' (Oil Show @ 1308'-1310' & Salt Water @ 1311')
8. TOOH w/ tbg @ 1261'; gel hole @ 1261' to 1170'.
9. TOOH w/ tbg, Free Point 8 1/4", cut 8 1/4" @ free point, TOOH w/ 8 1/4" csg
10. TIH w/ tbg @ 1170'; Set 110' CIA Cement Plug @ 1170' to 1060' (8 1/4" casing seat & Salt Sand @ 1170' ) ELEVATION 1167'
11. Set a 100' CIA Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 8 1/4" cut. Do not omit any plugs
12. TOOH w/ tbg @ 1060'; gel hole @ 1060' to 990'.
13. TOOH w/ tbg @ 990'; Set 104' CIA Cement Plug @ 990' to 886' (Gas Show @ 936'-939' Little Dunkard)
14. TOOH w/ tbg @ 886' gel hole @ 886' to 508'.
15. TOOH w/ tbg @ 508'; Set 100' CIA Cement Plug @ 508' to 408' ( 10" csg @ 458')
16. Set a 100' CIA Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 10" cut. Do not omit any plugs
17. TOOH w/ tbg @ 408' gel hole @ 408' to 200'.
18. TOOH w/ tbg @ 200'; Set 200' CIA Cement Plug @ 200' to 0' ( Surface)
19. Top off as needed
20. Set Monument to WV-DEP Specifications
21. Reclaim Location & Road to WV-DEP Specifications

*Douglas Newlon*  
*10-15-2014*  
*Need Elevation*



604809



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. 017-02079

Oil or Gas Well "GAS"  
(KIND)

Company Pittsburgh & West Va Gas Company.  
 Address Clarksburg, West Va.,  
 Farm Eli Nutter Acres \_\_\_\_\_  
 Location (waters) Holbrook S/W. 2-3  
 Well No. 4809 Elev. \_\_\_\_\_  
 District Southwest County Doddridge  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced November 26, 1921  
 Drilling completed December 29, 1921  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	458'	458'	Size of
8 1/4	1116'	1116'	
6 1/2	1857'	1857'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	Yellow	Soft	0	14			
Rock	White	"	14	60			
"	"	Hard	60	100			
Lime	"	"	100	160			
Rock (Red)	Red	Soft	160	180			
Lime	White	Hard	180	200			
Red Rock	Red	Soft	200	270			
Lime	White	Hard	270	280			
Sand	"	Soft	280	310			
Slate	"	"	310	345			
Lime	"	Hard	345	357			
Red Rock	Red	Medium	357	432			
Slate	White	"	432	442			
Lime	"	Hard	442	480			
Slate	Black	Soft	480	500			
Lime	White	Medium	500	530			
"	"	"	530	555			
Slate&Shells	"	"	555	730			
Sand	"	Close	730	755			
Slate	"	Medium	755	785			
Red Rock	Red	"	785	805			
Lime	White	Shelly	805	860			
Slate	Dark	Soft	860	870			
Clay	Blue	"	870	885			
Lime	White	Hard	885	900			
"	"	Medium	900	909			
Lime	"	"	909	923			
Little Dunkard	"	"	923	960	Sh. Gas	936-939'	
Slate	Black	"	960	972			
Lime	White	Hard	972	1100			
Gas Sand	Gray	Medium	1100	1133			
Slate	Dark	Soft	1133	1170			
First Salt Sand	White	Hard	1170	1208			
Slate&Shells	White	"	1208	1240			
2nd. Salt Sand	"	"	1240	1280			
Slate&Shells	"	"	1280	1298			
3rd. Salt Sand	"	"	1298	1364	Water	1311'	
Slate	Dark	Soft	1364	1424	Sh. Oil	1308-1310'	
4th. Salt Sand	White	Medium	1424	1454			

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Office of Oil & Gas

OCT 10 2014

170207AP

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime	Dark	Hard	1454	1600			
nd	White	"	1600	1604			
ns	Dark	"	1604	1620			
Slate	"	Medium	1620	1575			
Sand	White	Hard	1675	1737			
Lime	"	"	1737	1749			
Little Lime	Dark	Hard	1749	1770			
Pencil Cave	"	Soft	1770	1790			
Lime	White	Hard	1790	1810			
Slate	Dark	Soft	1810	1817			
Big Lime	White	Hard	1817	1895			
Big Injun	Dark	"	1895	1955	Gas	1942-1946'	
Un-recorded			1955	1985'	Gas	1949-1954'	
Total Depth				1985'			

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Date February 13, 1945, 194\_\_  
 APPROVED PITTSBURGH & WEST VA GAS COMPANY. Owner  
 By \_\_\_\_\_ (Title) 11/28/2014



WW-4-A  
Revised 6/07

1) Date: October 6, 2014  
2) Operator's Well Number  
604809 (E. Nutter #4809)  
3) API Well No.: 47 017 - 02079  
State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT**  
**DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS**  
**NOTICE AND APPLICATION TO PLUG AND ABANDON WELL**

4) Surface Owner(s) to be served:  
(a) Name Haessly Land & Timber LLC  
Address 25 Sheets Run Road  
Marietta, OH 45780  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Douglas Newlon  
Address 4060 Dutchman Road  
Macfarlan, WV 26148  
Telephone (304) 932-8049

5) (a) Coal Operator:  
Name None  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name L. B. Maxwell Heirs  
P. O. Box 2253  
Address Clarksburg, WV 26302  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name None  
Address \_\_\_\_\_

**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.

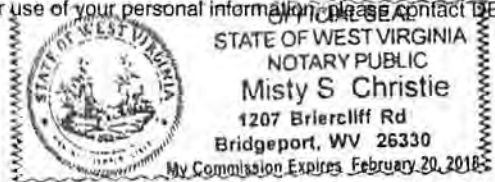
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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 Division 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: EQT Production Company  
By: Victoria J. Roark  
Its: Permitting Supervisor  
Address: PO Box 280  
Bridgeport, WV 26330  
Telephone: (304) 848-0076

Subscribed and sworn before me this 4th day of October, 2014  
Misty S. Christie Notary Public  
My Commission Expires: 2/20/18

The Office of Oil & Gas processes your personal information, such as name, address and phone number, as 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](mailto:depprivacyofficer@wv.gov).



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Office of Oil & Gas  
OCT 10 2014

11/28/2014



1702079P

ncopost  
10/09/2014  
US POSTAGE  
\$07.40  
ZIP 26330  
041110228092

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 Restricted Delivery Fee (Endorsement Required)  
 Total Paid

Postmark Here

*Vicki*

Start To  
 Street, Apt or PO Box  
 City, State

L. B. Maxwell Heirs  
 P. O. Box 2253  
 Clarksburg, WV 26302

Plug 604809

PS Form 3800, August 2006 See Reverse for Instructions

Received  
Office of Oil & Gas  
OCT 10 2014

Domestic Return Receipt PS Form 3811, July 2013  
 (Transfer from service label)

2. Article Number  
 7014 0150 0001 0654 2998

3. Service Type  
 Certified Mail<sup>TM</sup>  Priority Mail Express<sup>TM</sup>  
 Registered  Return Receipt for Merchandise  
 Insured Mail  Collect on Delivery

4. Restricted Delivery? (Extra Fee)  
 Yes  No

1. Article Addressed to:  
 L. B. Maxwell Heirs  
 P. O. Box 2253  
 Clarksburg, WV 26302  
 Plug 604809

D. Is delivery address different from Item 1?  Yes  No  
 If YES, enter delivery address below:

B. Received by (Printed Name) C. Date of Delivery

A. Signature  Agent  Addressee

SENDERS: COMPLETE THIS SECTION  
 COMPLETE THIS SECTION ON DELIVERY

■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

**EQT**  
C/O Vicki Roark  
P.O. Box 280  
Bridgeport, WV 26330

11/28/2014

1702079P

FIRST-CLASS MAIL  
\$07.40  
ZIP 26330  
041110228992

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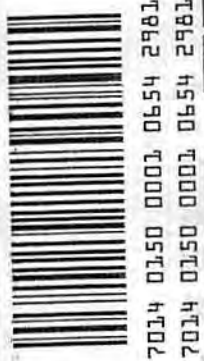
**OFFICIAL USE**

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage	Haessly Land & Timber LLC

Sent To: **25 Sheets Run Road**  
**Marietta, OH 45780**

Street, Apt. No. or PO Box No.  
 City, State, Zip  
 Plug 604809

PS Form 3811, August 2013 See Reverse for Instructions



Received  
 Office of Oil & Gas  
 OCT 10 2014

PS Form 3811, July 2013  
 (Transfer from service label)

2. Article Number  
 7014 0150 0001 0654 2981

3. Service Type  
 Certified Mail  
 Priority Mail Express  
 Registered  
 Return Receipt for Merchandise  
 Insured Mail  
 Collect on Delivery  
 Restricted Delivery? (Extra Fee)  
 Yes  
 No

4. Plug 604809

1. Article Addressed to:  
 Haessly Land & Timber LLC  
 25 Sheets Run Road  
 Marietta, OH 45780

1. Article Addressed to:  
 or on the front if space permits.  
 Attach this card to the back of the mailpiece, so that we can return the card to you.  
 Print your name and address on the reverse.  
 Item 4 if Restricted Delivery is desired.  
 Complete items 1, 2, and 3. Also complete

SENDERS: COMPLETE THIS SECTION

COMPLETE THIS SECTION ON DELIVERY

A. Signature  Agent  
 B. Received by (Printed Name)  Address  
 C. Date of Delivery  
 D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

**EQT**  
 C/O Vicki Roark  
 P.O. Box 280  
 Bridgeport, WV 26330

11/28/2014

**EQT**

C/O Vicki Roark  
P.O. Box 280  
Bridgeport, WV 26330

reopost<sup>SM</sup>

10/09/2014

**US POSTAGE**

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ZIP 26330  
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Douglas Newlon  
4060 Dutchman Road  
Mcfarlan, WV 26148

Plug 604809

1762079P



STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS  
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM  
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name: EQT PRODUCTION COMPANY OP ID: \_\_\_\_\_

Watershed: Sheep Run Quadrangle: Oxford

Elevation: 1167 ft. County: Doddridge District: West Union

Description of anticipated Pit Waste: Formation Fluids

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes \_\_\_ No X

Will synthetic liner be used in the pit? Yes Is so, what ml.? 20 10ml

Proposed Disposal Method for Treated Pit Wastes:

- Land Application
- Underground Injection - UIC Permit Number \_\_\_\_\_
- Reuse (at API Number) \_\_\_\_\_
- Offsite Disposal Permit #. \_\_\_\_\_
- Other: Explain \_\_\_\_\_

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. \_\_\_\_\_

If oil based, what type? Synthetic, petroleum, etc. \_\_\_\_\_

Additives to be used? \_\_\_\_\_

Will closed loop system be used? \_\_\_\_\_

Drill Cuttings disposal method? Leave in pit, landfill, remove offsite, etc. \_\_\_\_\_

If left in pit and plan to solidify what medium will be used? Cement, Lime, sawdust \_\_\_\_\_

Landfill or offsite name/permit number? \_\_\_\_\_

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 Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any terms 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 *Victoria Roark*

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 6th day of October, 2014

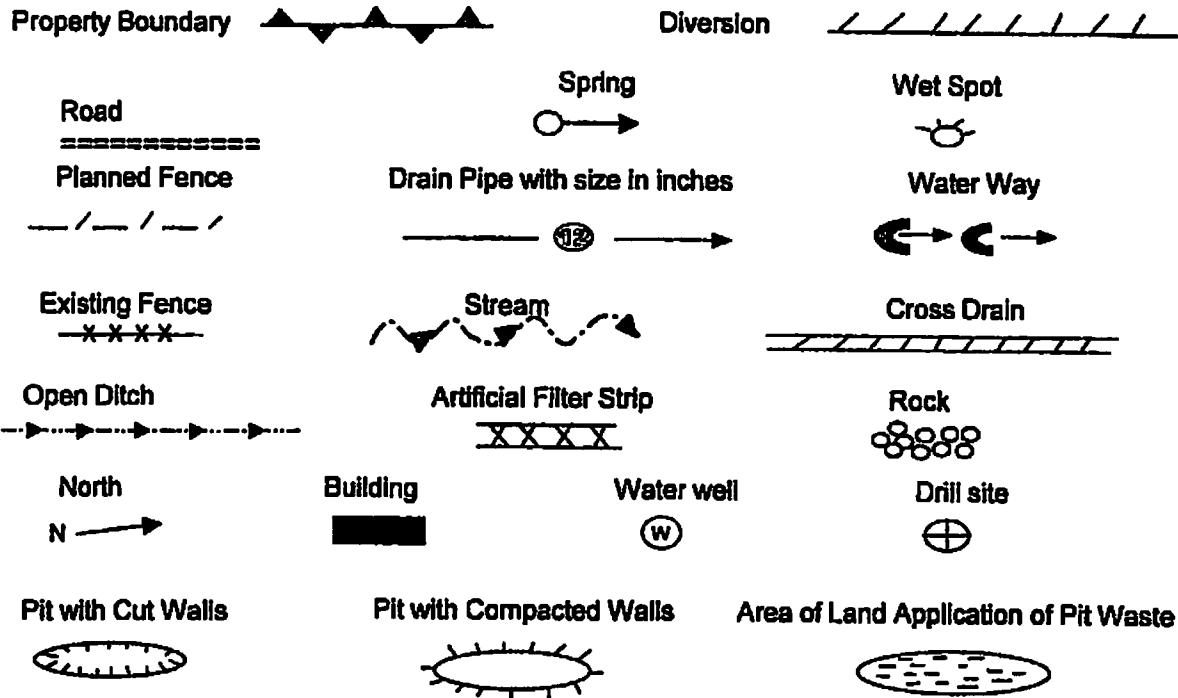
My Commission Expires 2/20/15



Notary Public  
Received  
Office of Oil & Gas  
OCT 10 2014

**OPERATOR'S WELL NO.:**  
604809 (E. Nutter #4809)

**LEGEND**



Proposed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH \_\_\_\_\_  
 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 or hydroseed.

**SEED MIXTURES**

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

**ATTACH:**

Drawing(s) of road, location, pit and proposed area for land application.  
 Photocopies section of involved 7.5' topographic sheet.

Plan approved by: Douglas Nutter

Comments: INSTALL ETS as needed. Need Elevation

Title: Oil & Gas Inspector Date: 12-19-2014  
 Field Reviewed? Yes  No



17 02079P

Topo Quad: Oxford 7.5'

Scale: 1" = 2000'

County: Doddridge

Date: September 24, 2014

District: South West

Project No: 67-30-00-08

47-017-02079 WV 604809 (E. Nutter #4809)

Topo



47-017-02079  
WV 604809

NAD 27, North Zone  
 N: 264250.50  
 E: 1629551.14  
 WGS 84  
 LAT: 39.218206  
 LONG: -80.807356  
 ELEV: 1167.30



SURVEYING AND MAPPING SERVICES PERFORMED BY:  
**ALLEGHENY SURVEYS, INC.**  
 1-800-482-8606  
 237 Birch River Road  
 Birch River, WV 26610  
 PH: (304) 649-8606  
 FAX: (304) 649-8608

PREPARED FOR:

Received  
**EQT Production Company**  
 Office of Oil & Gas  
 P.O. Box 280  
 Bridgeport, WV 26330

OCT 10 2014

11/28/2014



