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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

September 05, 2014

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-1100411, issued to ENERVEST OPERATING L. L. C., 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: M-55  
Farm Name: ALEXANDER HEIRS  
**API Well Number: 47-1100411**  
**Permit Type: Plugging**  
Date Issued: 09/05/2014

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

110041P

WW-4B  
Rev. 2/01

1) Date \_\_\_\_\_, 20\_\_\_\_  
2) Operator's  
Well No. G.A. Alexander #2 (M-55)  
3) API Well No. 47-011 - 00411

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 X / Gas \_\_\_\_\_ / Liquid injection \_\_\_\_\_ / Waste disposal \_\_\_\_\_ /  
(If "Gas, Production \_\_\_\_\_ or Underground storage \_\_\_\_\_) Deep \_\_\_\_\_ / Shallow X
- 5) Location: Elevation 679' Watershed Saunders Creek  
District Grant County Cabell Quadrangle Milton
- 6) Well Operator EnerVest Operating, L.L.C. 7) Designated Agent Barry K. Lay  
Address 300 Capitol Street, Suite 200 Address Same  
Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified Name Jeremy James  
Address PO Box 147  
Ona, WV 25545
- 9) Plugging Contractor Name R. L. Wharton Enterprises LTD  
Address 261 Shiloh Lane  
Buckhannon, WV 26201

10) Work Order: The work order for the manner of plugging this well is as follows:  
 Mobilize equipment to site. Rig-up rig and pull three (3) inch pipe.  
 Measure in hole to TD. Trip in hole with tubing to set a 200 cement plug 1684 to 1484.  
 Pull tubing out of hole. Free point 8 1/4 inch pipe expected freepoint 725 feet.  
 Set a cement plug from 775 feet to <sup>600</sup> ~~625~~ feet. *JGJ*  
 Pull 8 1/4 inch pipe to 100 feet. Set a 100 foot cement plug from 100 feet to surface.  
 Erect a monument with the API number attached.  
 Aqua Gell spacers between all plugs.  
 Note: Well records included.

CEMENT PLUGS ARE A MINIMUM OF 100' CLASS A CEMENT WITH NO MORE THAN 3% CaCl2 AND NO OTHER ADDITIVES.

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

Work order approved by inspector 

RECEIVED  
Office of Oil and Gas  
Date AUG 27 2015 - 14  
WV Department of Environmental Protection

ELEVATION \_\_\_\_\_ MAP No. WV-5 TWP. \_\_\_\_\_ RANGE \_\_\_\_\_ TAX \_\_\_\_\_ Grant

**MONICKEL GAS COMPANY**  
NAME OF COMPANY

**WELL COMPLETION REPORT**

LEASE No. 141 M FARM NAME Alexander Heirs FARM No. 2 <sup>TAX</sup> DIST. Grant COUNTY Cabell STATE W. Va.  
SERIAL No. M-55 TUBED 9-8-41 TURNED IN LINE \_\_\_\_\_ METER No. \_\_\_\_\_

PRODUCING SANDS			PAY		SHOT RECORD				
SAND	TOP	BOTTOM	TOP	BOTTOM	EXPLOSIVE	FROM	TO	QUANTITY	DATE
Big Lime	1574	1684	1633	1643					

PRODUCTION GAS			PRODUCTION OIL	
SAND	NATURAL	ADJUSTED AFTER SHOT	TUBED IN AT	
Big Lime	242 M	1,000 gals.	133 M	
		NO INCREASE		

SAND	MINUTE PRESSURES						ROCK PRESSURE			
	1 MIN.	3 MIN.	5 MIN.	10 MIN.	15 MIN.	30 MIN.	60 MIN.	24 HOUR	48 HOUR	72 HOUR
Big Lime	4#	10#	15#	25#	40#	70#	125#	620#	640#	660#

CASING RECORD				TUBING RECORD	
SIZE	CONDITION	RUN	PULLED	SIZE	No. FEET
10" 32# OD	(2)	634'4"	634'4"	3"	1645'5"
8 1/2" 24# OD	(2)	1577'			48'
1 - 8 1/2" x 12"	(2) Casing Shoe				

PERFORATED FROM \_\_\_\_\_ TO \_\_\_\_\_  
PACKER USED Anchor  
SET 1595'  
R. L. NIPPLE ON TOP PACKER  
LENGTH \_\_\_\_\_

PUMPING OUTFIT					
SIZE TUB.	NO. JTS.	NO. FT.	FT. BEL. WB.	LENGTH WB.	LINER BARREL?
FLOOD NIPPLE SET AT _____			CASINGHEAD (MAKE AND SIZE) _____		
STYLE PUMPING OUTFIT { WIRE LINE (MAKE) _____			GAS ENG. (MAKE AND SIZE) _____		
RODS (SIZE & LENGTH) _____					

SHUTTING IN MATERIAL USED AND REMARKS 2 - 2" Fig. 214 Plug Valves (1); 1 - Special R. O. Flange Union (1); 1 - 1/2" Nipple (1); 1 - 1/2" Clip Gate Valve (1); 3 - 2" Nipples (1); 1 - 2" Cross Tee (2); 1 - 8" Casing Clamp (2); 2 - Anchor Clamp Bolts; 1 - 2" x 3" Swedge Nipple (2)

DRILLED BY West Virginia Gas Corp. String Tools #1 \_\_\_\_\_ A. D. Johnson  
DATE STARTED July 30, 1941 DATE COMPLETED August 31, 1941  
NOTE: FORWARD DRILLERS LOG BOOK FOR USE OF GENERAL OFFICE TO TYPE FORMATION RECORD ON BACK OF THIS REPORT.

RECEIVED  
Office of Oil and Gas  
SIGNEE  
AUG 22 2014  
WV Department of  
Environmental Protection

WEST VIRGINIA GAS CORPORATION  
MONICKEL GAS COMPANY

WELL NO. M-55

G. A. ALEXANDER HEIRS #2  
 Commenced July 30, 1941  
 Drilled by: Company Tools #1

Grant District, Cabell County, W. Va.  
 Completed August 31, 1941  
 (Cab. 411)

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
Surface	00	19	Black Slate	780	810
Sand	19	32	Slate & Shells	810	1186
Blue Mud	32	76	Black Slate	1186	1190
Red Rock	75	85	Slate & Shells	1190	1235
Sand	85	126	Salt Sand	1235	1420
Slate	125	160	Slate & Shells	1420	1510
Red Rock	160	160	Marion Sand	1510	1521
Sand	160	235	Slate	1521	1530
Slate	235	328	Black Lime	1530	1557
Sand	326	415	Big Lime	1557	1567
Slate & Shells	415	650	Pencil Slate	1567	1573
Sand	650	780	Big Lime	1573	1684

TOTAL DEPTH 1684'

CASING:

10" (32#) O. D. 634'4" pulled  
 8 1/2" (24#) O. D. 1577'

Water Sand 695'  
 Hole full water 725'

Gas Tests:

1633-1638 22/10 W. 2"  
 1638-1643 33/10 W 2"

Test made and well shut in August 31, 1941 @ 3:00 P. M.  
 Gauged 10/10 in 2" water when shut in.  
 72 hour R. P. 660#  
 Steel line run 1566'

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 Office of Oil and Gas

AUG 22 2014

WV Department of  
 Environmental Protection

470110041 116550

## Vince's rig reports

## 6-29 Alexander Heirs #2

Francis Brother SR, gather pipe fitting and bell collars at pharmco, Parkersburg and miller supply in elkview . check location and road for rig move.

7-1 Alexander Heirs #2 – pick up 3 ½" spear, graffil and extensions at Baker Hughes in Clarksburg

7-5 Alexander Heirs#2 MIRU Francis Brothers Service Rig w/ Ellison's Dozer, Francis Brothers truck set , Francis Brothers 210 tank for swabbing, dug out cellar, weld on 3 ½" collar to metal plate between 8 ½" csg to 3 ½" tubing for swab T, swab 3 ½" tubing a lot of rust in brine

7-6 Alexander Heirs #2 Francis Brothers SR, 3 ¼" tub=Opsi, RIH w/ 7 ½" baller, 5 runs to clear rust of ID of 3 ½" csg and check TD at 1550' swab 3 ¼" tubing w/ 3.5 cup, needed to change cup every 3 runs, swab 60 bbl salt water brine into 210 tank,

7-7 Alexander Heirs #2 3 ¼" tubing=2psi, use Barker Hughes 3 ¼" graffill, spear one extension, and change over to 2 ½" 8 rd, start pulling w/ 18,000#, worked string increasing pull tension 4,000# every 30 min, left in tension over night w/ 50,000# on string

7-8 Alexander Heirs #2 3 ¼" tubing still stationary, worker string, increase tension to 58,000# cut plate of 3 ½" (¼" Plate welded between and to 3 ½" and 8 ½" pipe) left weight off string, tried to rotate w/ power tongs, worked string, packer didn't move, swab 3 ¼" tubing, fluid at 1520' gl Si

7-11 Alexander Heirs #2 3 ¼" tubing = 2 psi, RDMO Francis brothers service rig, MO swab tank w/ Francis Brothers truck, use Ellison Dozer move to Alexander heirs #1

RECEIVED  
Office of Oil and Gas  
AUG 22 2014  
WV Department of  
Environmental Protection

1100411P

WW-4A  
Revised 6-07

1) Date: August 11, 2014  
2) Operator's Well Number  
G.A. Alexander #2 (M-55)  
3) API Well No.: 47 - 011 - 00411

**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:	5) (a) Coal Operator
(a) Name <u>Forest "Eddie" Estep, Jr.</u>	Name _____
Address <u>RR 2 Box 620, 2280 Sanders Creek Rd.</u> ✓	Address _____
<u>Milton, WV 25541-9501</u>	_____
(b) Name <u>Sarah E. Hughes</u> ✓	(b) Coal Owner(s) with Declaration
Address <u>RR 2 Box 622, 367 Genellen Lane</u>	Name <u>No Declaration of Record</u>
<u>Milton, WV 25541-9501</u>	Address _____
(c) Name <u>John D. &amp; Phyllis L. Hickman</u> ✓	Name _____
Address <u>RR 2, Box 621, 2260 Sanders Creek Rd.</u>	Address _____
<u>Milton, WV 25541-9501</u>	_____
6) Inspector <u>Jeremy James</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 147</u>	Name _____
<u>Ona, WV 25545</u>	Address _____
Telephone <u>304-951-2596</u>	_____

**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	<u>EnerVest Operating, L.L.C.</u>
By:	<u>Barry K. Lay</u> <b>RECEIVED</b>
Its:	<u>Senior Vice President and General Manager, Appalachia West Assets</u>
Address	<u>300 Capitol Street, Suite 200</u> <b>Office of Oil and Gas</b>
	<u>Charleston, WV 25301</u>
Telephone	<u>304-343-5505</u> <b>AUG 22 2014</b>

Subscribed and sworn before me this 11<sup>th</sup> day of August, 2014  
[Signature] Notary Public  
 My Commission Expires May 3, 2017

**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](mailto:depprivacyofficer@wv.gov).

WV Department of  
Environmental Protection

### SURFACE OWNER WAIVER

Operator's Well  
Number

G.A. Alexander #2 (M-55)

#### 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,

 \_\_\_\_\_  
Signature Date 8/29/14 Name \_\_\_\_\_  
By \_\_\_\_\_  
Its \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
Signature Date  
Signature Date

Received  
Office of Oil & Gas  
AUG 26 2014

# SURFACE OWNER WAIVER

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Number

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FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,

Sarah E. Hughes Date 9/20/14  
Signature By Its

\_\_\_\_\_  
\_\_\_\_\_  
Date  
Signature Date

Received  
Office of Oil & Gas  
AUG 26 2014

**SURFACE OWNER WAIVER**

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Number

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Received  
Office of Oil & Gas  
AUG 26 2014

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**FOR EXECUTION BY A NATURAL PERSON  
ETC.**

**FOR EXECUTION BY A CORPORATION,**

John D. Dickman Date 8-23-14 Name  
Signature By  
Its

\_\_\_\_\_  
\_\_\_\_\_  
Date  
Signature Date

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FOR EXECUTION BY A NATURAL PERSON  
ETC.

FOR EXECUTION BY A CORPORATION,

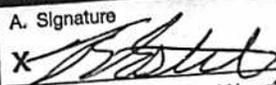
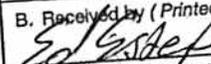
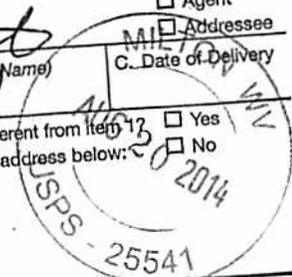
*Phyllis Hickman* Date 8-23-14  
Signature

Name \_\_\_\_\_  
By \_\_\_\_\_  
Its \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Received  
Office of Oil & Gas  
AUG 26 2014

110641P

DER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p>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.</p>	<p>A. Signature <input type="checkbox"/> Agent  <input checked="" type="checkbox"/> Addressee              B. Received by (Printed Name)              C. Date of Delivery              D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            If YES, enter delivery address below:</p>
<p>Article Addressed to:            Forrest "Eddie" Estep, Jr.            RR 2 Box 620            2280 Sonders Cr. Rd.            Milton, WV 25541-9501</p>	<p>3. Service Type  <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.            4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article (Trans) 7007 2680 0002 2646 8482</p>	<p>Domestic Return Receipt 102595-02-M-1540</p>

Received  
 Office of Oil & Gas  
 AUG 26 2014

1100411P



**EnerVest Operating, L.L.C.**  
Eastern Division

1064 Old Route 33, Weston, WV 26452-7722  
Phone (304) 517-1102 Fax (304) 517-1107

VIA CERTIFIED MAIL

August 18, 2014

Mr. Forest "Eddie" Estep, Jr.  
RR2 Box 620, 2280 Sanders Cr. Rd.  
Milton, WV 25541-9501 ✓

Re: Plugging Permit G. A. Alexander #2 (M-55)  
API# 47-011-00411  
Grant District, Cabell County, WV

Dear Surface Owner:

Pursuant to Chapter 22 of the West Virginia Code, enclosed please find copies of the following documents for the proposed plugging of the subject well:

- Form WW-7 Well Location Form: GPS
- Form WW-9 Construction and Reclamation Plan and Site Registration Application
- Form WW-4A Notice of Application to Plug and Abandon a Well
- Form WW-4B Application for a Permit to Plug and Abandon
- Surface Owner Waiver (2 copies)

This application is being filed by EnerVest with the Administrator of the Office of Oil and Gas of the West Virginia Department of Environmental Protection. If you have no objections to the proposed process for the plugging of this well, please sign the Voluntary Statement of No Objection on the Surface Owner Waiver and return one copy to our office in the enclosed envelope.

Comments as to the location construction or the proposed plugging of this well under the West Virginia Code, be filed by you with the said Administrator. If the Application is filed by EnerVest. The address of the filing comments and obtaining additional information is

Permit Administrator  
West Virginia Division of Environmental Protection  
Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304

7007 2660 0002 2646 8482

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Return Receipt Fee (Endorsement Required)	2.75
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 418.03</b>

Office of Oil and Gas  
WV Department of Environmental Protection  
2014  
26072  
HORNER

Sent To: Forest "Eddie" Estep, Jr. ✓  
Street, Apt. No., or PO Box No.: RR 2 Box 620, 2280 Sanders Cr. Rd.  
City, State, ZIP+4: Milton, WV 25541-9501

110044P



EnerVest Operating, L.L.C.  
Eastern Division

1064 Old Route 33, Weston, WV 26452-7722  
Phone (304) 517-1102 Fax (304) 517-1107

VIA CERTIFIED MAIL

August 18, 2014

John D. & Phyllis L. Hickman  
RR2 Box 621, 2260 Sanders Cr. Rd.  
Milton, WV 25541-9501

Re: Plugging Permit G. A. Alexander #2 (M-55)  
API# 47-011-00411  
Grant District, Cabell County, WV

Dear Surface Owner:

Pursuant to Chapter 22 of the West Virginia Code, en  
following documents for the proposed plugging of the

- Form WW-7 Well Location Form: GP
- Form WW-9 Construction and Reclam Application
- Form WW-4A Notice of Application to
- Form WW-4B Application for a Permit
- Surface Owner Waiver (2 copies)

This application is being filed by EnerVest with the Ad  
and Gas of the West Virginia Department of Environm  
objections to the proposed process for the plugging of t  
Statement of No Objection on the Surface Owner Waiv  
office in the enclosed envelope.

Comments as to the location construction or the proj  
West Virginia Code, be filed by you with the said A  
the Application is filed by EnerVest. The address of  
filing comments and obtaining additional informatio

Permit Administrator  
West Virginia Division of Environme  
Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  Addressee  
 *C. Hickman*

B. Received by (Printed Name) *C. Hickman* C. Date of Delivery *8/18*

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

3. Service Type  Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes  No

**SENDER: COMPLETE THIS SECTION**

1. Article Addressed to:  
*John D & Phyllis L. Hickman*  
*RR 2 Box 621*  
*2260 Sanders Cr. Rd.*  
*Milton, WV 25541-9501*

2. Article Num (transfer fro) *7007 2680 0002 2646 8468*

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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WV Department of Environmental Protection

Postage	\$
Certified Fee	236
Return Receipt Fee (Endorsement Required)	270
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To *John D & Phyllis L. Hickman*  
 Street, Apt. No. or PO Box No. *RR 2 Box 621, 2260 Sanders Cr. Rd.*  
 City, State, ZIP+4 *Milton, WV 25541-9501*

7007 2680 0002 2646 8468



1100411P

**EnerVest Operating, L.L.C.**  
**Eastern Division**

1064 Old Route 33, Weston, WV 26452-7722  
 Phone (304) 517-1102 Fax (304) 517-1107

VIA CERTIFIED MAIL

August 18, 2014

Ms. Sarah E. Hughes  
 RR2 Box 622, 367 Genellen Lane  
 Milton, WV 25541-9501

Re: Plugging Permit G. A. Alexander #2 (M-55)  
 API# 47-011-00411  
 Grant District, Cabell County, WV

Dear Surface Owner:

Pursuant to Chapter 22 of the West Virginia Code, enclosed following documents for the proposed plugging of the sut

- Form WW-7 Well Location Form: GPS
- Form WW-9 Construction and Reclamation Application
- Form WW-4A Notice of Application to PI
- Form WW-4B Application for a Permit to
- Surface Owner Waiver (2 copies)

This application is being filed by EnerVest with the Adm and Gas of the West Virginia Department of Environment objections to the proposed process for the plugging of thi Statement of No Objection on the Surface Owner Waiver office in the enclosed envelope.

Comments as to the location construction or the propose West Virginia Code, be filed by you with the said Admi the Application is filed by EnerVest. The address of the filing comments and obtaining additional information is

Permit Administrator  
 West Virginia Division of Environmental  
 Office of Oil and Gas  
 601 57<sup>th</sup> Street, SE  
 Charleston, WV 25304

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
 B. Received by (Printed Name)  Addressee  
 SARAH E. HUGHES  
 C. Date of Delivery  
 D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below: 25541

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

4. Restricted Delivery? (Extra Fee)  Yes  No

7007 2680 0002 2646 8475

Domestic Return Receipt

102595-02-M-156

**COMPLETE THIS SECTION**

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Attach this card to the back of the mailpiece, on the front if space permits.

Addressed to:  
 Sarah E. Hughes ✓  
 RR 2 Box 622  
 367 Genellen Lane  
 Milton, WV 25541-9501

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 Return Receipt Fee (Endorsement Required) 278  
 Restricted Delivery Fee (Endorsement Required)  
 Total Postage & Fees \$

RECEIVED  
 Office 3138 and Gas  
 AUG 22 2014  
 Postmark Here

Sent To Sarah E. Hughes  
 Street, Apt. No., or PO Box No. RR 2 Box 622, 367 Genellen Lane  
 City, State, ZIP+4 Milton WV 25541-9501

7007 2680 0002 2646 8475

1100411P

WW-9  
Rev. 5/08

Page \_\_\_\_\_ of \_\_\_\_\_  
API Number 47 - 011 - 00411  
Operator's Well No. G.A. Alexander #2 (M-55)

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 EnerVest Operating, L.L.C. OP Code 30-9999

Watershed Saunders Creek Quadrangle Milton

Elevation 679' County Cabell District Grant

Description of anticipated Pit Waste: No Pit To Be Built

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  Swabbing  
 Workover  Plugging  
 Other (Explain No Pit To Be Built)

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 *Barry K Lay*

Company Official (Typed Name) Barry K. Lay

Company Official Title Senior Vice President and General Manager, Appalachia West Assets

Subscribed and sworn before me this 11<sup>th</sup> day of August, 20 14

*[Signature]* Notary Public

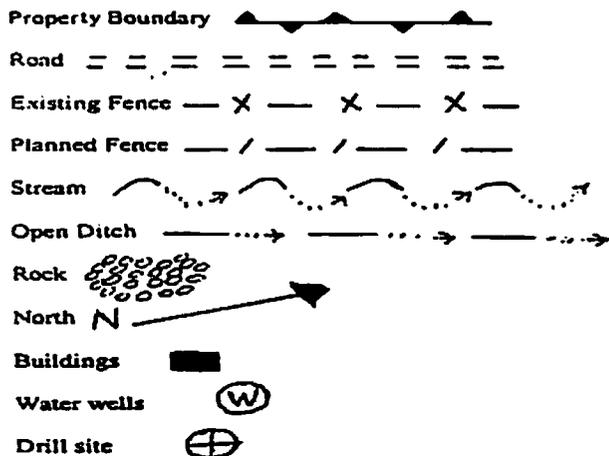
My commission expires May 3, 2017



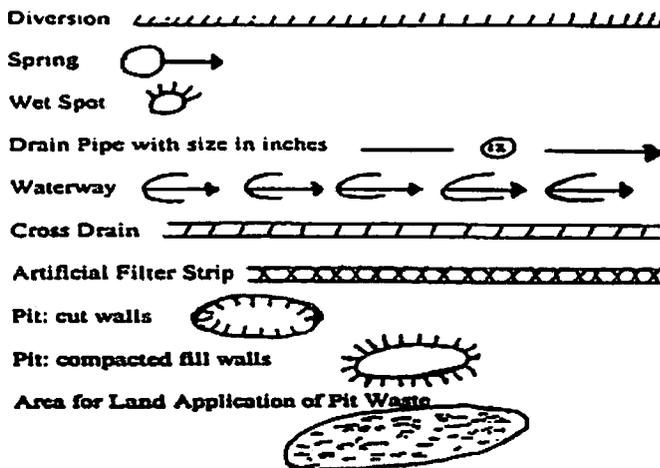
RECEIVED  
Office of Oil and Gas

AUG 28 2014

Department of Environmental Protection



**LEGEND**



Proposed Revegetation Treatment: Acres Disturbed 2.00 Prevegetation pH 6.5  
 Lime according to pH test Tons/acre or to correct to pH 7.0  
 Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)  
 Mulch Hay or Straw 2 Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchardgrass	25	Orchardgrass	25
Birdsfoot Trefoil	15	Birdsfoot Trefoil	15
Ladino Clover	10	Ladino Clover	10

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

Photocopied section of involved 7.5' topographic sheet.

See Attached GPS Well Location Form: GPS WW-7

Plan Approved by:

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

Title: inspector OOG

Date: 8-15-14

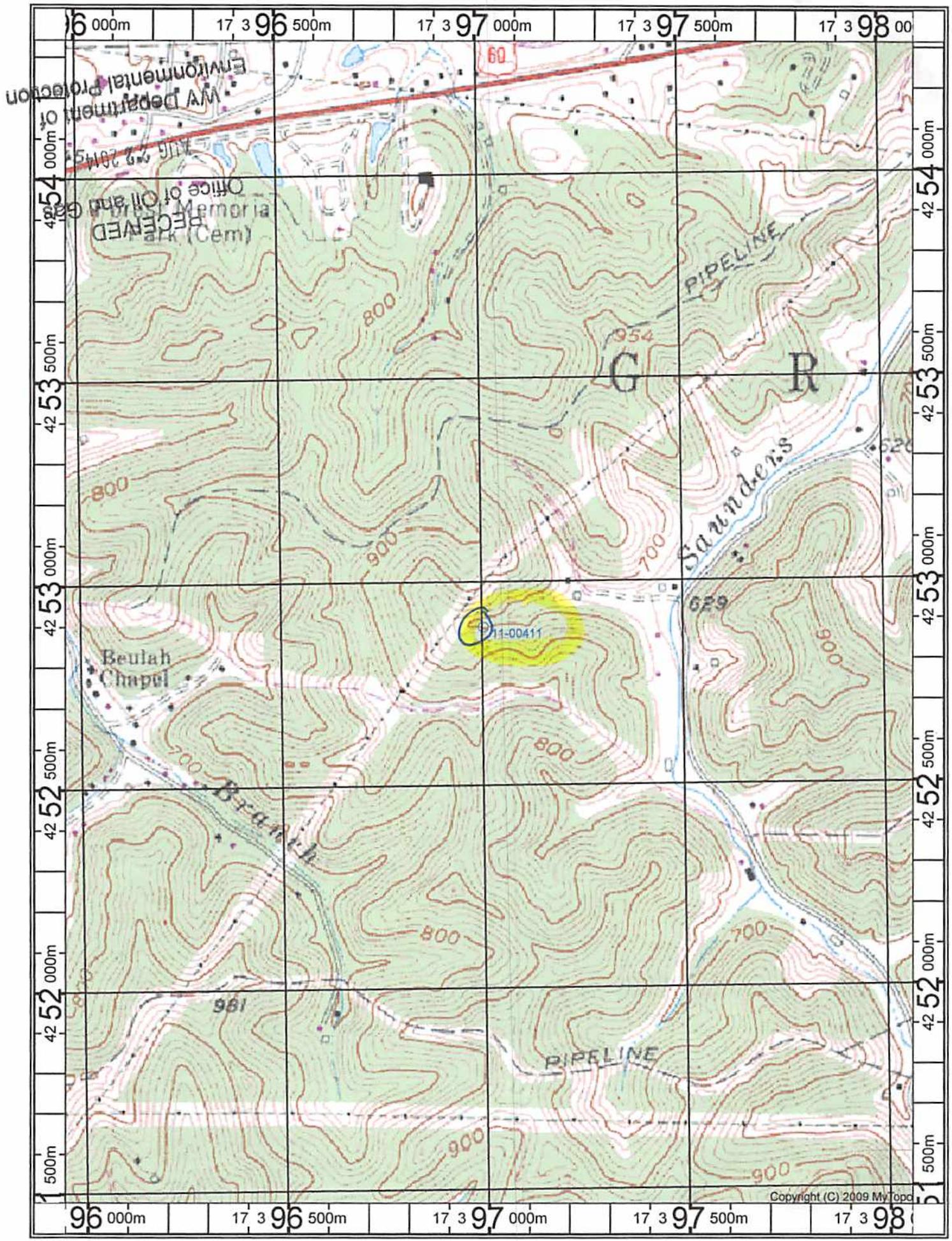
Field Reviewed?  Yes  No

RECEIVED  
 Office of Oil and Gas

AUG 23 2014

WV Department of  
 Environmental Protection

110041P



WW-7  
8-30-06



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

API: 401100411 WELL NO.: G.A. Alexander 2

FARM NAME: G. A. Alexander

RESPONSIBLE PARTY NAME: Barry K. Lay

COUNTY: Cabell DISTRICT: Grant 3

QUADRANGLE: Milton (7.5) Milton (15) 476

SURFACE OWNER: Forest Estep, Jr.

ROYALTY OWNER: Ronald Lewis

UTM GPS NORTHING: 4252885.4

UTM GPS EASTING: 397006 GPS ELEVATION: 679

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.

Barry K Lay  
Signature

Senior Vice President and General Manager, Appalachia West Assets

Title

RECEIVED  
Office of Oil and Gas  
AUG 22 2014  
8/22/14  
WV Department of Environmental Protection  
Date