

#### 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

August 22, 2014

#### WELL WORK PLUGGING PERMIT

#### Plugging

This permit, API Well Number: 47-3904869, issued to CNX GAS COMPANY 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 penalities 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: HARRISON 1

Farm Name: GILLIAN, DAVID M. & JUDY

API Well Number: 47-3904869

Permit Type: Plugging Date Issued: 08/22/2014

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**

- 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.

1)Date		20
2) Operator's		
Well No.	10789	
3) API Well N	O. 47- 039	- 04869

### STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

APPLICATION FOR A PR	ERMIT TO PLUG AND ABANDON
4) Well Type: Oil/ Gas _X _/ Liqu (If "Gas, Production _X or U	uid injection/ Waste disposal/ Underground storage) Deep/ Shallow_X
5) Location: Elevation 890 ft.	Watershed Rocky Fork
District Union	County Kanawha Quadrangle St. Albans
6) Well Operator CNX Gas Company LLC Address 1000 Consol Energy Drive	7) Designated Agent Jeremy Jones Address One Dominion Drive
Canonsburg, PA 15317	Jane Lew, WV 26378
8) Oil and Gas Inspector to be notified Name Gary Kennedy	9) Plugging Contractor  Name L&D Well Services
Address PO Box 268	Address PO Box 1192
Nimitz, WV 25978	Vansant, VA 24656
see attached plugging procedures	anner of plugging this well is as follows:

RECEIVED

Notification must be given to the district oil and gas inspect of the Callender Casermitted work can commence.

Cherre

Work order approved by inspector

Yungullum WVbDepartment of Environmental Protection

#### API 47-39-04869 Plugging Procedure

- 1. Verify total depth 2550'.
- 2. Run free-point survey on 7" casing.
- Run tubing to TD. Set plug of expanding cement from established TD to approximately 50' below free point, utilizing a 100' gel spacer at approximately the half-way point of the wellbore.
- Cut 7" casing at free-point.
- Cement through 7" csg. while pulling 7", from top of bottom plug to approximately 100' below the 9-5/8" casing shoe. (Approx. 930') Pull remaining 7" out of well.
- 6. Run bond log on 9-5/8" casing.
- 7. Run tubing to previous cement top (930'). Cement across the 9-5/8" shoe to a minimum of 50' above shoe, bringing cement top to approximately 50' below the 9-5/8" free-point or to surface, whichever is necessary.
- 8. If necessary, cut and pull free 9-5/8" casing.
- Cement through tubing from top of cement to surface.
- 10. Install-4-1/2" X 4' steel monument with API# and Date.

NOTE: A 100' gel spacer will be placed at approximately half the well depth. Also, Expanding cement will be utilized throughout the entire cementing process.



06-Aug-92 API \$ 47- 39-04869

# State of West Virginia Division of Environmental Protection Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: GILLIAN, DAVID M. & JUDY Operator Well No.: HARRISON \$1

LOCATION: Elevation: 890.00 Quadrangle: SAINT ALBANS

District: UNION County: KANAWHA

Latitude: 7045 Feet South of 38 Deg. 25Min. 0 Sec. Longitude 400 Feet West of 81 Deg. 47 Min. 30 Sec.

Company: CONTINENTAL RESERVES OIL

615 WASHINGTON ROAD-SUITE 304 PITTSBURGH, PA 15228-1920

Sanah.	T TMDA		BERRETER
Agent:	PIUDY	₽.	ALDRIDGE

Inspector: CARLOS W. HIVELY
Permit Issued: 08/10/92
Well work Commenced: 10/31/92
Well work Completed: 12/01/92
Verbal Plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 5656, p6 +02550
Presh water depths (ft)
None Reported
Salt water depths (ft)

None Reported

Is coal being mined in area (Y/N)? N

Coal Depths (ft): None Reported

& ·	Used in Drilling	ľ	Cement Fill Up Cu. Ft.
Size		]	
9 5/8	830	830	CTS
7	2568	2568	N.A.
	•		

#### OPEN PLOW DATA

(Commingled) Producing formation Berea Sand Pay zone depth (ft)2382 Gas: Initial open flow -0- MCF/d Oil: Initial open flow 0
Final open flow 389 MCF/d Final open flow 0
Time of open flow between initial and final tests 4 Bbl/d Static rock Pressure 680 psig (surface pressure) after 24 Hours <del>17</del>71– Second producing formation Big Lime Pay zone depth (ft) 1775 Gas: Initial open flow MCF/d Oil: Initial open flow . Bb1/d Final open flow \_ Final open flow\_ MCP/d Bbl/d Time of open flow between initial and final tests Hours Static rock Pressure \_\_\_\_\_ psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED TINTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL TOOK WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS 1000 INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

8

Geologic Repor

1	
Sand and Shale	0 - 1070
Sand ARM	1070 - 1672
Little Lime	1672 - 1706
Big Lime	1706 - 1900
Big Injun	1900 - 1940
Shale	1940 - 2353
Sunburry Shale	2353 - 2372
Berea Sandstone	2372 - 2384
Devonian Shale	2384 - 3582
Lower Huron Shale	3582 - 4073
Java Shale	4073 - 4447
Rhinestreet Shale	4447 - 4732
Onondaga Ls.	4732 - 4815
Oriskany Sand	4815 - 4874
Siberian	4961
Newburg Sand	5514 - 5531
T.D.	5656
Plugback to	2550

#### Driller's shows:

H<sub>2</sub>S @ 175 ppm @ 5,015'.

#### Plug Back Record

2550 - 2900	Neat 2% CaCl
2900 - 3400	Gel
3400 - 4100	Neat 2% CaCl
4100 - 4400	Gel 6%, 15 bbls
4400 - 4650	Neat 2%, CaCl
4650 - 5050	Laytex Cement yield yield 1.21, 75 sks
5050 - 5300	Gel 6%, 15 bbls
5300 - 5656	Neat 2% CaCl

#### Completion Record - 11/19/92

1. Berea Sand - Perf'd 2,378-2,382 with 17 holes; Frac'd with 40,000# of 20/40 sand, 5,000# of 12/20 sand and 75 quality foam N<sub>2</sub>.

Pump rate = 16 bbls/min.

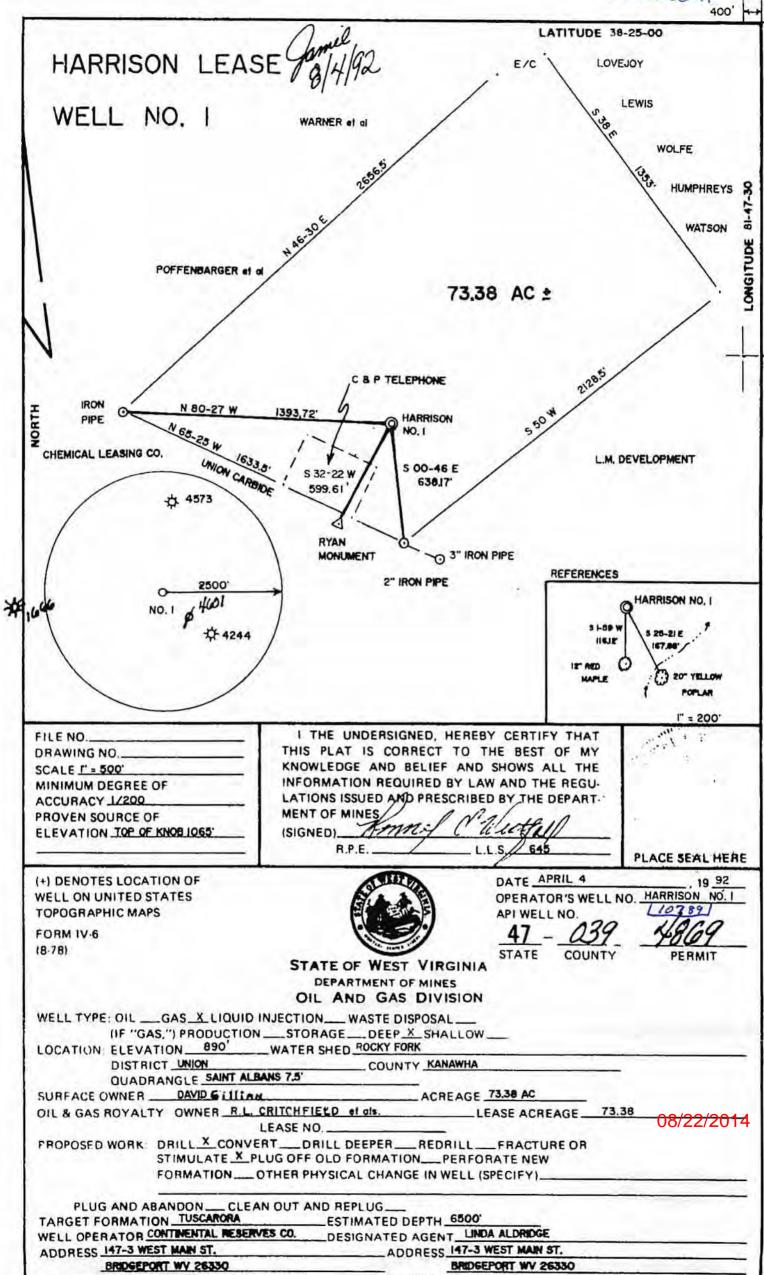
Big Lime - Perfd 1771-1775 with
 holes; Acidized with 500 gals
 Hcl breakdown and 500 gals
 acid treatment.

Pump rate = 4-5 bbls/min.

RECEIVED
Office of Oil and Gas

JUL 0 8 2014

WV Department of Environmental Protection



WW-4A Revised 6-07

1) Date:			
2) Operator's Well Number	er		
	10789		
3) API Well No : 47 -	039	- 04869	

## STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4)	Surface Ow (a) Name	ner(s) to be served:	/	5) (a) Coal Operator Name	r
	Address	PO Box 98	1	Address	
	(b) Name	Bethel Park, PA 15102		(b) Coal Ow	vner(s) with Declaration
	Address			Name	Mercon, Inc.
	NO VIOLE			Address	PO Box 98
					Bethel Park, PA 15102
	(c) Name			Name	
	Address			Address	
6) ]	nspector	Terry Urban		(c) Coal Les	ssee with Declaration
	Address	PO Box 1207		Name	
		Clendenin, WV 25045		Address	
7	Telephone	304-549-5915			

#### TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

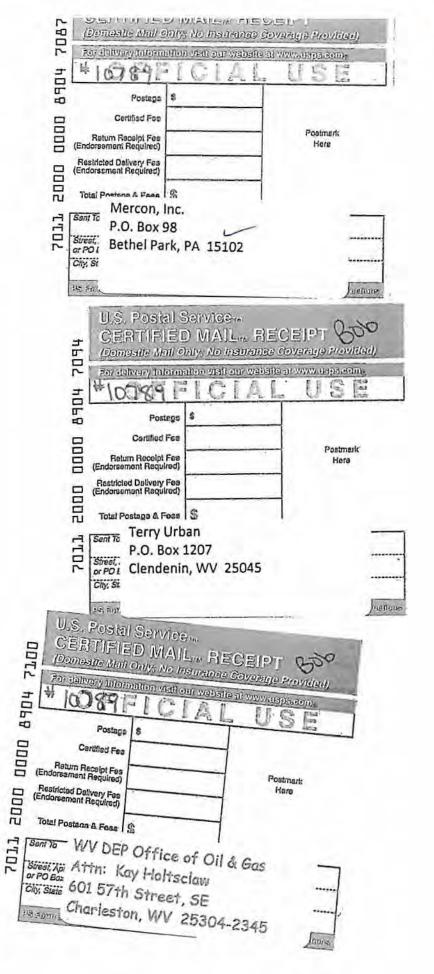
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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.

AOTARL X	w no	
STON - CANTE	Well Operator By:	CNX Gas Company LLC
EG HOTARL I	Its:	Attorner-in-Fact
* *	Address	1000 Conso Energy Drive
S DUBLIC SE		Canonsburg, PA 15317
75070 0	Telephone	276-596-5075
WEALTH OF WHITE	-	
Subscribed and sworn before me thi		ay of July RECEIVED
Richar	And the second s	Office Notan Bublicas
My Commission Expires	July 31	2015
Oil and Gas Privacy Notice		JUL 0 8 2014

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, lifely the properties on 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 depprivacy office wey, gov.



WW-9 Rev. 5/08

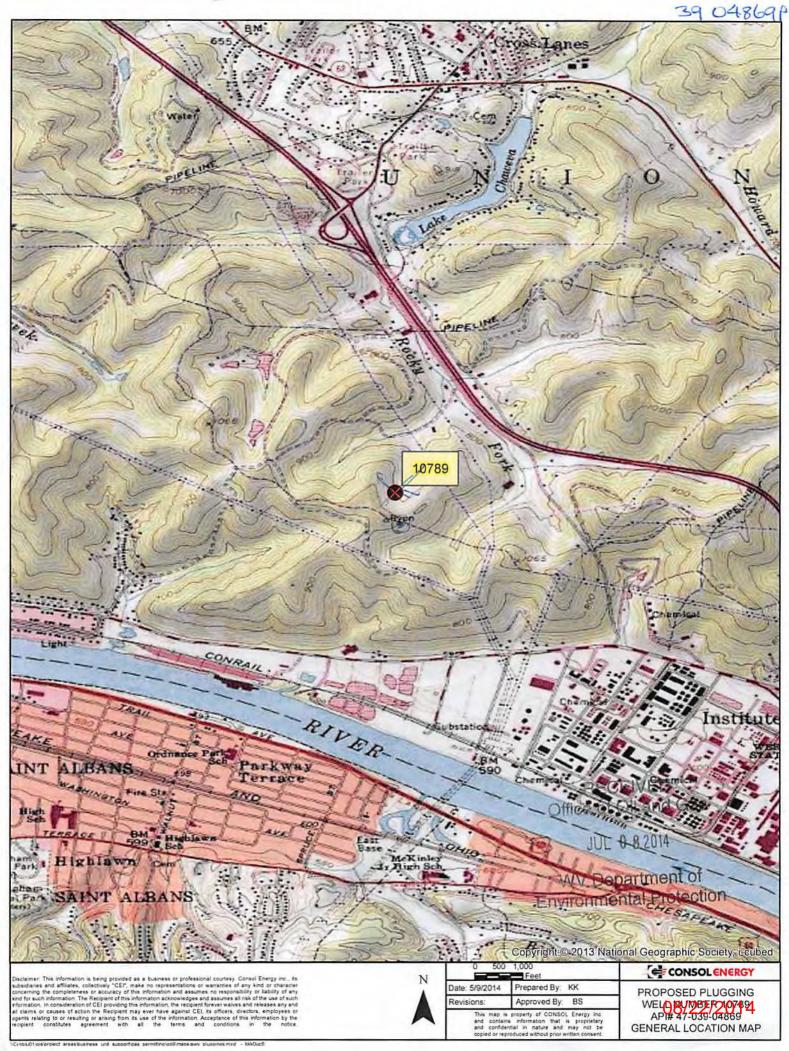
P	age		of	
API Number 47 -	039	-	04869	
Operator's Well No.	10789			

## 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

Vatershed Rocky Fork	Quadra	angle St. Albans	
atersieu			
evation 890 ft.	County Kanawha	<sub>District</sub> Union	
escription of anticipated Pr Wast	e: water for plugging of aba	indoned gas well.	
to the same of the		14 4	
Vill a synthetic liner be used in the	pit? N/A	M TANKS	
roposed Disposal Method For Tre			
Land Ap	pplication		
	ound Injection ( UIC Permit Number_	2D0550319	)
	at API Number	71-11-1	)
Off Site Other (I	Dispposal (Supply form WW-9 for dis	sposal location)	
Other (i	expiain		
roposed Work For Which Pit Will			
Drilling		swabbing	
Workov	er P	Plugging	
_X Other (I	Explain a pumper truck with flowback to	ank will be used in lieu of a pit.	
n August 1, 2005, by the Office of rovisions of the permit are enforce two regulation can lead to enforce	f Oil and Gas of the West Virginia Dep teable by law. Violations of any term tement action.	of the GENERAL WATER POLLUTION PI artment of Environmental Protection. I unde or condition of the general permit and/or ot	rstand i her app
n August 1, 2005, by the Office of rovisions of the permit are enforced aw or regulation can lead to enforce I certify under penalty of application form and all attachmentations the information, I believenalties for submitting false information of the company Official Signature	f Oil and Gas of the West Virginia Dep ceable by law. Violations of any term term action.  I law that I have personally examined ents thereto and that, based on my invested that the information is true, accuration, including the possibility of fine	artment of Environmental Protection. I unde or condition of the general permit and/or ot I and am familiar with the information sub- inquiry of those individuals immediately re- ate, and complete. I am aware that there a	rstand her app mitted esponsi
n August 1, 2005, by the Office of rovisions of the permit are enforced way or regulation can lead to enforce I certify under penalty of pplication form and all attachmentations the information, I believe enalties for submitting false information of the company Official Signature Company Official (Typed Name)	f Oil and Gas of the West Virginia Dep ceable by law. Violations of any term cement action.  If law that I have personally examined ents thereto and that, based on my inverted that the information is true, accuration, including the possibility of fine action.	artment of Environmental Protection. I unde or condition of the general permit and/or ot I and am familiar with the information sub- inquiry of those individuals immediately re- ate, and complete. I am aware that there a	rstand ther app mitted esponsi
n August 1, 2005, by the Office of rovisions of the permit are enforced by or regulation can lead to enforce a rovision of the permit are enforced by the regulation can lead to enforce a regulation can lead to enforce pplication form and all attachments the information, I believe enalties for submitting false information of the regulation of the regula	f Oil and Gas of the West Virginia Dep ceable by law. Violations of any term term action.  I law that I have personally examined ents thereto and that, based on my invested that the information is true, accuration, including the possibility of fine	artment of Environmental Protection. I unde or condition of the general permit and/or ot and am familiar with the information subjudying of those individuals immediately reate, and complete. I am aware that there are or imprisonment.	rstand ther app mitted esponsi
on August 1, 2005, by the Office of provisions of the permit are enforced aw or regulation can lead to enforce aw or regulation can lead to enforce a period of the period	f Oil and Gas of the West Virginia Dep ceable by law. Violations of any term cement action.  If law that I have personally examined ents thereto and that, based on my inverted that the information is true, accuration, including the possibility of fine action.	artment of Environmental Protection. I unde or condition of the general permit and/or ot and am familiar with the information subminquiry of those individuals immediately reate, and complete. I am aware that there are or imprisonment.	rstand ther app mitted esponsi
n August 1, 2005, by the Office of rovisions of the permit are enforced aw or regulation can lead to enforce aw or regulation can lead to enforce I certify under penalty of pplication form and all attachmentation the information, I believe enalties for submitting false information of the company Official Signature Company Official (Typed Name)	f Oil and Gas of the West Virginia Dep teable by law. Violations of any term between action.  If law that I have personally examined ents thereto and that, based on my inverted the information is true, accuration, including the possibility of fine action.  Ed Fanning	artment of Environmental Protection. I unde or condition of the general permit and/or ot and am familiar with the information subminquiry of those individuals immediately reate, and complete. I am aware that there are or imprisonment.	rstand her app mitted esponsi
n August 1, 2005, by the Office of rovisions of the permit are enforced by or regulation can lead to enforce a rovision of the permit are enforced by the companity of pplication form and all attachmentation of the information, I believe enalties for submitting false information of the company Official Signature company Official (Typed Name). Company Official Title Superscript	f Oil and Gas of the West Virginia Dep teable by law. Violations of any term term action.  If law that I have personally examined ents thereto and that, based on my inverted the information is true, accurate mation, including the possibility of fine action.  Ed Fanning	artment of Environmental Protection. I unde or condition of the general permit and/or ot and am familiar with the information subminquiry of those individuals immediately reate, and complete. I am aware that there are or imprisonment.  RECEIVED  Office of Oil and Gas	rstand her app mitted esponsi
on August 1, 2005, by the Office of provisions of the permit are enforced aw or regulation can lead to enforce aw or regulation can lead to enforce a lead to enforce a lead to enforce a lead to enforce polication form and all attachmentation, I believe the lead to the l	f Oil and Gas of the West Virginia Dep teable by law. Violations of any term term action.  If law that I have personally examined ents thereto and that, based on my inverted the information is true, accurate mation, including the possibility of fine action.  Ed Fanning	artment of Environmental Protection. I unde or condition of the general permit and/or ot and am familiar with the information subminquiry of those individuals immediately reate, and complete. I am aware that there are or imprisonment.  RECEIVED  Office of Oil and Gas	rstand her app mitted esponsi
on August 1, 2005, by the Office of provisions of the permit are enforced aw or regulation can lead to enforce a policial form and all attachmentation form and all attachmentation of the information, I believe the information of the informat	f Oil and Gas of the West Virginia Dep teable by law. Violations of any term between action.  If law that I have personally examined ents thereto and that, based on my invested the information is true, accuration, including the possibility of fine action.  Ed Fanning  Prvisor  day of 3 1/2	artment of Environmental Protection. I unde or condition of the general permit and/or of and am familiar with the information subjudying of those individuals immediately reate, and complete. I am aware that there are or imprisonment.    RECEIVED   Office of Oil and Gas   Jul   0 8 2014   Jul	rstand her app mitted esponsi
on August 1, 2005, by the Office of provisions of the permit are enforced aw or regulation can lead to enforce aw or regulation can lead to enforce a certify under penalty of application form and all attachmentation, I believe the provision of the penalties for submitting false information.  Company Official Signature Company Official (Typed Name)  Company Official Title Supe	f Oil and Gas of the West Virginia Dep teable by law. Violations of any term between taction.  If law that I have personally examined ents thereto and that, based on my inverted the information is true, accuration, including the possibility of fine Ed Fanning  Prvisor  day of July	RECEIVED  Office of Oil and Gas JUL 0 8 2014  WW D Notory Public	rstand her app mitted esponsi
on August 1, 2005, by the Office of provisions of the permit are enforced aw or regulation can lead to enforce aw or regulation can lead to enforce a polication form and all attachmentation, I believe the provision of the information, I believe the enalties for submitting false information of the company Official Signature Company Official (Typed Name) Company Official Title Supe Subscribed and sworn before me the	f Oil and Gas of the West Virginia Dep teable by law. Violations of any term between action.  If law that I have personally examined ents thereto and that, based on my invested the information is true, accuration, including the possibility of fine action.  Ed Fanning  Prvisor  day of 3 1/2	RECEIVED  Office of Oil and Gas JUL 0 8 2014  WW D Notory Public	rstand her app mitted esponsi
on August 1, 2005, by the Office of provisions of the permit are enforced aw or regulation can lead to enforce a policial form and all attachmentation of the information, I believe the information of the	f Oil and Gas of the West Virginia Dep teable by law. Violations of any term between the action.  If law that I have personally examined ents thereto and that, based on my investigation including the possibility of fine action, including the possibility of fine action.  Ed Fanning  Prvisor  B French	artment of Environmental Protection. I unde or condition of the general permit and/or of and am familiar with the information subjudying of those individuals immediately reate, and complete. I am aware that there are or imprisonment.    RECEIVED   Office of Oil and Gas   Jul   0 8 2014   Jul	rstand her app mitted esponsi
n August 1, 2005, by the Office of rovisions of the permit are enforced way or regulation can lead to enforce a certify under penalty of pplication form and all attachmentation, I believe enalties for submitting false information, Official Signature  Company Official (Typed Name)  Company Official Title  Super	f Oil and Gas of the West Virginia Dep teable by law. Violations of any term between action.  If law that I have personally examined ents thereto and that, based on my invested the information is true, accuration, including the possibility of fine action.  Ed Fanning  Prvisor  day of 3 1/2	RECEIVED  Office of Oil and Gas JUL 0 8 2014  WW D Notory Public	rstand her ap mitted espons
on August 1, 2005, by the Office of provisions of the permit are enforced aw or regulation can lead to enforce a policial form and all attachmentation form and all attachmentation of the information, I believe the information of the informat	f Oil and Gas of the West Virginia Dep teable by law. Violations of any term between the action.  If law that I have personally examined ents thereto and that, based on my investigation including the possibility of fine action, including the possibility of fine action.  Ed Fanning  Prvisor  B French	RECEIVED  Office of Oil and Gas JUL 0 8 2014  WW D Notory Public	rstand her ap mitted espons

		LEGEND		
Property Boundary		Diversion Little Little Little Little Little		
Road = = = = = = = = = =		Spring		
Existing Fence — X — X — X — Planned Fence — / — / — / —		Wet Spot 💍		
Open Ditch				
Rock ESSESSE	*			
North N		Pit: cut walls		
Buildings		Pit: compacted fill walls		
Water wells		Area for Land Application of Pit Waste		
Drill site		E. C. B. C. C.		
Proposed Revegetation Treatm	ent: Acres Disturbed 2.0	Prevegetation pH 6.5		
	H Tons/acre or to correct to pH			
Fertilizer (10-20-20 o	r equivalent) 550 lbs/	acre (500 lbs minimum)		
Mulch 2	Tons/ac	cre		
Caramen,				
	Seed	Mixtures		
Area		Area II		
Seed Type	lbs/acre	Seed Type lbs/acre		
Orchard grass	25	same as Area I		
Birdsfoot trefoil	15			
Lidino clover	10			
Attach: Drawing(s) of road, location,pi	t and proposed area for land appl	ication.		
Photocopied section of involve	d 7.5' topographic sheet.			
1	11			
Plan Approved by:	yw llola			
Comments:		RECEIVED		
Comments	-	Office of Oil and Gas		
Title: Inspectal	leteros	Date: 6-27-14 JUL 0 8 2014		
Field Reviewed? (	)Yes (	)No WV Department of Environmental Protection		





### West Virginia Department of Environmental Protection Office of Oil and Gas

### WELL LOCATION FORM: GPS

	WELL NO.:_ 10789
FARM NAME: David Gillian	
RESPONSIBLE PARTY NAME: CNX G	as Company LLC
	DISTRICT: Big Creek Union
QUADRANGLE: St. Albans, WV	594
SURFACE OWNER: David Gillian	
ROYALTY OWNER: R.L. Critchfield	et al
UTM GPS NORTHING: 4,250,010.94	
UTM GPS EASTING: 430,760.68 m	
above well. The Office of Oil and Gas will not acc	permit or assigned API number on the cept GPS coordinates that do not meet
above well. The Office of Oil and Gas will not accome following requirements:  1. Datum: NAD 1983, Zone: 17 North, Compared to the ight above mean sea level (MSL) – notation of the ight above mean	cept GPS coordinates that do not meet coordinate Units: meters, Altitude: meters.
above well. The Office of Oil and Gas will not accome following requirements:  1. Datum: NAD 1983, Zone: 17 North, Comparing the length above mean sea level (MSL) — north, Comparing the length above mean sea level (MSL) —	cept GPS coordinates that do not meet coordinate Units: meters, Altitude: meters.
above well. The Office of Oil and Gas will not accept the following requirements:  1. Datum: NAD 1983, Zone: 17 North, Control height above mean sea level (MSL) — notation and Collection Method:  Survey grade GPS X : Post Processed Difference in the following search and collection in the processed Difference in the processed Difference in the following search and collection in the processed Difference in the following search and collection in the processed Difference in the following search and collection in the processed Difference in the following requirements:  1. Datum: NAD 1983, Zone: 17 North, Control in the processed in	cept GPS coordinates that do not meet coordinate Units: meters, Altitude: meters.  Trential X  Trential
above well. The Office of Oil and Gas will not accept the following requirements:  1. Datum: NAD 1983, Zone: 17 North, Control height above mean sea level (MSL) — note that a control height a con	cept GPS coordinates that do not meet coordinate Units: meters, Altitude: meters.  Trential X  ial ifferential



Virginia Operations 627 Claypool Hill Road Cedar Bluff, VA 24609

> Bob Staton, MS, PG Permitting Agent Phone: 276-596-5137

Ms. Kay Holtsclaw WVDEP **Office of Oil and Gas** 601 57<sup>th</sup> Street, SE Charleston, WV 25304-2345

RE: 47-039-04869

Dear Ms. Holtsclaw;

Please find enclosed the plugging applications for the above referenced wells in Kanawha County. Please let me know if you require any additional information.

Sincerely,

Bob Staton

Bob Statur

Permitting Agent

enclosures

RECEIVED Office of Oil and Gas

JUL 0 8 2014

WV Department of Environmental Protection