

#### 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 21, 2014

#### WELL WORK PLUGGING PERMIT

#### Plugging

This permit, API Well Number: 47-6100394, 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: 5069

Farm Name: TENNANT, W.

API Well Number: 47-6100394

Permit Type: Plugging

Date Issued: 11/21/2014

### 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. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

#### **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. 7029	
3) APT Well No. 47	- 061 - 00394

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

	APPLICATION FOR A PER	MIT TO PLUG AND ABANDON
4)	Well Type: Oil / Gas X / Liqui	d injection/ Waste disposal/
4.1		derground storage) Deep/ Shallow X
	(11 das, Production 5 or or	derground storage/ beep/ sharrow_
5)	Location: Elevation 1,181.75	Watershed Jakes Run
	District Clay	County Monongalia Quadrangle Blacksville
6)	Well Operator CNX Gas Company LLC	7) Designated Agent Matt Imrich
	Address P.O. Box 1248	Address P.O. Box 1248
	Jane Lew, WV	Jane Lew, WV
8)	Oil and Gas Inspector to be notified Name Gayne J. Knitowski	9) Plugging Contractor  Name See Attached
	Address P.O. Box #2	Address
	Moundsville, WV 26041	
		Received
		Office of Oil & Ga
		DCT 06 2014
Noti work	fication must be given to the district of can commence.	il and gas inspector 24 hours before permitted

## Plugging Work Order for Permit 47-061-00394

#### CNX Gas - Well 7029

- 1. Verify 2" tubing TD, and swab well dry.
- 2. Unseat packer, if unable to unseat, free point 2" & cut above packer. Pull up 1 foot.
- 3. Pump cement plug from TD to 2300'.
- 4. Pull up to 2300' circulate 6% gel to surface. TOH with 2" tubing. Wait on cement.
- 5. Attempt to pull 5-3/16" (2177'), if unable to pull, free point, & cut. TOH w/5-3/16".
- 6. Attempt to pull 6-5/8" (1940'), if unable to pull, perf @ 1940', 1500', 1182', & 200'.
- 7. Perforate across coal @ 707'-714' with 4 holes per ft.
- 8. TIH with 2-3/8 EUE to new TOC approx. ~2300'.
- 9. Pump cement plug from 2300' to 1840' (Big Injun 2110', hole change @ 1940')
- 10. Pull 2-3/8 EUE up to 1693'.
- 11. Pump cement plug from 1693' to 1081' (Water 1593', Elev. 1181.75').
- 12. Pull 2-3/8" EUE up to 914'.
- 13. Pump cement plug from 914' to surface.
- 14. TOH with 2-3/8" EUE, and top off cement to surface.
- 15. Install 6" x 14' monument (10'-below grade) API 47-061-00394

Work Order approved by Inspector Haym J Kuth	Date: 8 20 2014
Note: All cement will be Class A. All spacers between plugs will be 6%	gel.

- Must try to remove as much 65/8"
as possible.
GCS

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#### **WELL# 7029**

#### API# 47-061-00394

#### **Casing Info:**

6 5/8" @ 1940'

5 316" @ 2177'

2"@3205'

#### Formations:

5<sup>th</sup> sand: 3123-3131

Bayard: 3150-3162

#### Coal:

707-714

#### Gas/Oil shows:

2110'-Oil in Big Injun

3125'-Gas

3153'-Gas

3157'-Gas

#### Water:

1593'-shown in Salt Sand

#### Comments:

Not sure if the depth of the 2" on the well card is threads on, it says it has 3205' but the well was only drilled to 3185'.

1) Date:	October 1, 2014	
2) Operator	's Well Number	
7	7029	
The second secon		

061

00394

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

3) API Well No.: 47 -

Address	W.L. Tennant Heirs % Albe	ort longs	Addman	1000 Cancal Energy Drive
935,157,022	248 Long Drain Road	on Jones	Address	1000 Consol Energy Drive Canonsburg, PA 15317
(b) Name	Core, WV 26541		(h) Cool O	wner(s) with Declaration
Address	0010, 117 20041		Name	See Attached
Address			Address	Obe Attached
			Address	-
(c) Name			Name	· ·
Address	_		Address	
THATCSS			- Address	·
6) Inspector	Gayne J. Knitowski		(c) Coal Le	essee with Declaration
Address	P.O. Box #2		Name	None of Declaration
10000-000	Moundsville, WV 26041		Address	
Telephone	304-389-7583			
				V-=
(2) The p The reason However, ye	its and the plugging work of plat (surveyor's map) showing you received these documents ou are not required to take any	order; and ing the well local is that you have r action at all.	tion on Form WW-6.	h sets out the parties involved in the work and describes ication which are summarized in the instructions on the reverses s
The reason However, ye Take notice accompany Protection, the Applica	its and the plugging work or plat (surveyor's map) showing you received these documents ou are not required to take any that under Chapter 22-6 of the ing documents for a permit to position to the with respect to the well at the	order; and ing the well local is is that you have r action at all. e West Virginia Co plug and abandon a location described mailed by registere	tion on Form WW-6.  rights regarding the appliance, the undersigned well a well with the Chief of the on the attached Applicated or certified mail or de-	
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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 <a href="mailto:depprivacyoffier@wv.gov">depprivacyoffier@wv.gov</a>.

## Attachment for WW-4A

Well #7029 API# 47-061-00394

## Coal Owner(s):

Jesse E. Moore Heirs, Noah A. Moore Heirs and W.L. Tennant Heirs % Albert Jones 248 Long Drain Road Core, WV 26541

Consolidation Coal Company 1000 Consol Energy Drive Canonsburg, PA 15317





#### SURFACE OWNER WAIVER

Operator's Well Number

'029		
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#### **INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A**

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

## NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIVE (5) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

<u>Comments must be in writing.</u> 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:

- 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 n objection to a permit being issued on the FOR EXECUTION BY A NATURAL	those materials		hese materials, and I have no UTION BY A CORPORATION,
ETC.			·
	Date	Name _	
Signature		Ву	
		Its	Date

Signature

Date 11/21/2014

API No.	47-061-00394
Farm Name	W.L. Tennant
Well No.	7029

## INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less then five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

	WAIVER
has examined this proposed plugging w	/ owner/ lessee/ of the coal under this well location ork order. The undersigned has no objection to the work proposed to be ll operator has complied with all applicable requirements of the West ions.
Date:	
	Ву:
	Its

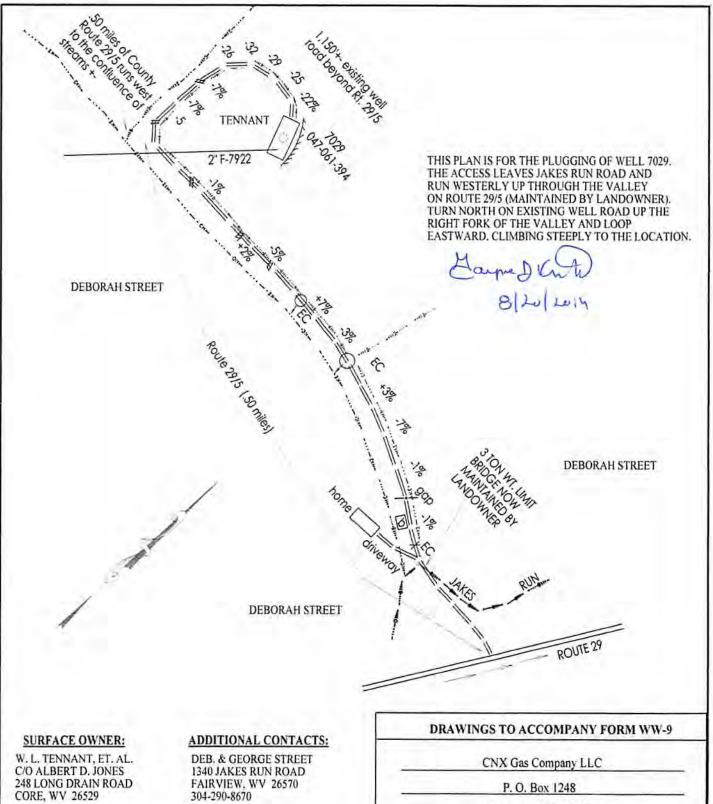
	Page 1	of	2
API Number 47 -	061	00394	
Operator's Well No	7029		

# 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

Proposed Disposal Method For Treated Pit Wastes:  Land Application Underground Injection (UIC Permit Number Reuse (at API Number X Off Site Disposal (Supply form WW-9 for disposal location) X Other (Explain Waste Management or Ryan Environmental use vacuum trucks, and properly disposes fluid and waste refused work For Which Pit Will Be Used: Drilling Workover Other (Explain Other (Explain Flugging Other (Explain Other (Explain Other (Explain Description of the GENERAL WATER POLLUTION PERM or August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand are enforceable by law. Violations of any term or condition of the general permit and/or other awor regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submitt piplication form and all attachments thereto and that, based on my inquiry of those individuals immediately respondenting the information, I believe that the information is true, accurate, and complete. I am aware that there are including the information, including the possibility of fine or imprisonment. Company Official Signature  Company Official Title Designated Agent - District Operations Superintendent, WV Gas Operation of the State of Stat	erator Name CNX Gas Compar	ıy LLC	OP Code 494458046	
Description of anticipated Pit Waste:  Fluids associated with the plugging of existing gas wells  Will a synthetic liner be used in the pit?  MA  Proposed Disposal Method For Treated Pit Wastes:  Land Application Underground Injection (UIC Permit Number Reuse (at API Number)  X Off Site Disposal (Supply form WW-9 for disposal location) X Other (Explain Waste Management or Ryan Environmental use vacuum trucks, and property disposes fluid and waste related by the proposed Work For Which Pit Will Be Used: Drilling Workover Dother (Explain Workover Plugging  I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERM of August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand varied revisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other wor regulation can lead to enforcement action.  I certify under penalty of law that I have personally examined and am familiar with the information submitted profession form and all attachments thereto and that, based on my inquiry of those individuals immediately respondention form and all attachments thereto and that, based on my inquiry of those individuals immediately respondention form and all attachments thereto and that, based on my inquiry of those individuals immediately respondentiang the information, including the possibility of fine or imprisonment.  Sompany Official Signature  Company Official Signature  August I, 2001  Matt Imrich  Designated Agent - District Operations Superintendent, WV Gas Operation subscribed and sworn before me this  Agy of OCCT.  Notory Public  Other Explain  Notory Public	atershed JakesRun	Quadrang	gle Blacksville	
Proposed Disposal Method For Treated Pit Wastes:  Land Application Underground Injection (UIC Permit Number Reuse (at API Number X Off Site Disposal (Supply form WW-9 for disposal location) X Other (Explain Waste Management or Ryan Environmental use vacuum trucks, and properly disposes fluid and waste reh.  Proposed Work For Which Pit Will Be Used: Drilling Workover Other (Explain Workover Other (Explain  I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERM of August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand are enforceable by law. Violations of any term or condition of the general permit and/or other away or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submitt upplication form and all attachments thereto and that, based on my inquiry of those individuals immediately responditating the information, I believe that the information is true, accurate, and complete. I am aware that there are incentified for submitting false information, including the possibility of fine or imprisonment.  Company Official Signature  Matt Imrich Company Official Title Designated Agent - District Operations Superintendent, WV Gas Operation Subscribed and sworn before me this  Motory Public  States  Notory Public	evation 1,181.75'			
Proposed Disposal Method For Treated Pit Wastes:  Land Application  Underground Injection (UIC Permit Number  Reuse (at API Number  A Off Site Disposal (Supply form WW-9 for disposal location)  X Other (Explain Waste Management or Ryan Environmental use vacuum trucks, and properly disposes fluid and waste reh.  Proposed Work For Which Pit Will Be Used:  Drilling  Workover  Plugging  Other (Explain  I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERM on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand are or regulation can lead to enforcement action.  I certify under penalty of law that I have personally examined and am familiar with the information submitts pplication form and all attachments thereto and that, based on my inquiry of those individuals immediately responsation information, I believe that the information is true, accurate, and complete. I am aware that there are exampled information information, including the possibility of fine or imprisonment.  Company Official Signature  Company Official Title  Designated Agent - District Operations Superintendent, WV Gas Operation Subscribed and sworn before me this 15T day of DCT.  Notory Public  Proposed Work For Which Pit Will Be Used:  Strate Management of Ryan Environmental use vacuum trucks, and properly disposes fluid and waste reh.  Proposed Work For Which Pit Will Be Used:  Swabbing	scription of anticipated Pit Waste:	Fluids associated with the pl	lugging of existing gas wells	
Underground Injection ( UIC Permit Number	Il a synthetic liner be used in the pit?	N/A		
Underground Injection ( UIC Permit Number	그렇게 하는 그 사람들이 되었다. 그 사람들은 사람들은 그렇게 하고 있다면 그렇게 되었다. 그리고 있다면 얼마나 그리고 있다면 그렇게 되었다. 그리고 있다면 그렇게 되었다면 그렇게 그렇게 그렇게 되었다면 그렇게			
Reuse (at API Number  Off Site Disposal (Supply form WW-9 for disposal location)  X Other (Explain Waste Management or Ryan Environmental use vacuum trucks, and properly disposes fluid and waste rete  Proposed Work For Which Pit Will Be Used:  Drilling Swabbing Workover Plugging  Other (Explain  I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERM on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other aw or regulation can lead to enforcement action.  I certify under penalty of law that I have personally examined and am familiar with the information submitty application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsibility of fine or imprisonment.  Company Official Signature Company Official Signature Matt Immich  Company Official Title Designated Agent - District Operations Superintendent, WV Gas Operation Subscribed and sworn before me this Matt Immich  Subscribed and sworn before me this Matt Immich  Notory Public  ON 15 Matt Immich  Notory Public				1
Other (Explain Waste Management or Ryan Environmental use vacuum trucks, and properly disposes fluid and waste reh.  Proposed Work For Which Pit Will Be Used:  Drilling Swabbing Workover Plugging  Other (Explain Plugging)  I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERM and August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand and arready of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other aw or regulation can lead to enforcement action.  I certify under penalty of law that I have personally examined and arrializing with the information submitty application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsibility application forms and all attachments thereto and that, based on my inquiry of those individuals immediately responsibility application forms and all attachments thereto and that, based on my inquiry of those individuals immediately responsibility application forms and all attachments thereto and that, based on my inquiry of those individuals immediately responsibility application forms and all attachments thereto and that, based on my inquiry of those individuals immediately responsibility application forms and all attachments thereto and that, based on my inquiry of those individuals immediately responsibility application forms and all attachments thereto and that, based on my inquiry of those individuals immediately responsibility application forms and all attachments thereto and that, based on my inquiry of those individuals immediately responsibility of fine or imprisonment.  Company Official Signature All Protections Superintendent, WV Gas Operation for the department of Environmental Protection.  Subscribed Agent - District Operations Superintendent, was a protection of E				7
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Workover Other (Explain  I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERM on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand any or regulation can lead to enforcement action.  I certify under penalty of law that I have personally examined and am familiar with the information submitty application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsibilities for submitting false information, including the possibility of fine or imprisonment.  Company Official Signature Company Official (Typed Name) Matt Imrich  Company Official Title Designated Agent - District Operations Superintendent, WV Gas Operation  Subscribed and sworn before me this 137 day of DCCT, 2014  Notory Public	프랑이트 보다가 이번 기업을 가고 있었다. 그리고 있는 사람이 가지 않는 것이 없는데 그리고 있다.			
Other (Explain    Corrify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERM on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other 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 submitty application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsibilities for submitting false information, including the possibility of fine or imprisonment.  Company Official Signature   Company Official Signature   Matt Imrich    Company Official Title   Designated Agent - District Operations Superintendent, WV Gas Operation    Subscribed and sworn before me this   15T   day of OCT   20 14    Notory Public   OR   OCT   OR    Notory Public   OR    Notory Public   OCT   OR    Notory Public   OCT   OCT   OCT    Notory Public   OCT   OCT   OCT   OCT   OCT    Notory Public   OCT   OCT   OCT   OCT   OCT   OCT    Notory Public   OCT   OCT   OCT   OCT   OCT   OCT   OCT   OCT    Notory Public   OCT   OCT				
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Notory Public  OF STATE OF STA	August 1, 2005, by the Office of Oil visions of the permit are enforceable or regulation can lead to enforceme I certify under penalty of law elication form and all attachments aining the information, I believe the elication for submitting false information in the information of the elication of the elication formation in the information of the elication of the	and Gas of the West Virginia Departre by law. Violations of any term or nt action.  That I have personally examined any thereto and that, based on my inquient the information is true, accurate, on, including the possibility of fine or the information is true.	ment of Environmental Protection. I understart condition of the general permit and/or other and am familiar with the information submitted uiry of those individuals immediately respon- t, and complete. I am aware that there are so imprisonment.	nd that t applicab ed on the nsible t significa
O/15/2021	oscribed and sworn before me this	day of OCT,	<sub>, 20</sub> 14	13
O/15/2021  OF STATE O	arolanda	JCzy	Notory Public	
11/1 5 / 11/1 1	22.2	1617	OFF NOT	ROWL SEAL ARY PUBLIC F WEST VIRGI
viy commission expires	commission expires 9/15/2021		CAROLIN P	IDA FLANA O Box 603 rport WV 2636

		LEGEND	
Property Boundary		Diversion Leading 111	111111111111111111111111111111111111111
Road = = = = = =	=====	Spring -	
Existing Fence — X —	- × — × —	Wet Spot	
Planned Fence /	-/-/-	Drain Pipe with size in inche	s — @ —
Stream	7	, d Waterway ← ←	$\Leftrightarrow$
Open Ditch		Cross Drain 7////	1111111111
Rock & SSE	•	Artificial Filter Strip XXX	XXXXXXXXXXXXXXX
North N		Pit: cut walls	NULL.
Buildings		Pit: compacted fill walls	France
Water wells W		Area for Land Application of	Pit Waste
Drill site		(3)	
Proposed Revegetation Treatme	ent: Acres Disturbed 1.	.00 acres Prevegetation	<sub>pH</sub> 6.5
	st Tons/acre or to correct		pit
		to pH	
Fertilizer (10-20-20 or		lbs/acre (500 lbs minimum)	
Mulch hay or sti	raw @ 2	Tons/acre	
		Seed Mixtures	
Area			rea II
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	25	Orchard Grass	25
Birdsfoot Trefoil	15	Birdsfoot Trefoil	15
Ladino Clover	10	Ladino Clover	10
Attach:		A COMPANY OF THE PARTY OF THE P	
Drawing(s) of road, location,pit	and proposed area for fan	id application.	
Photocopied section of involved	7.5' topographic sheet.		
	$\sim$		
Plan Approved by:	m J Ku W		
Comments:			
Confidents:			
and the second second		als Trees	
Pitle: INSPETTIN		Date: 8 20 2019	
Field Reviewed?	Yes (	) No	



LAND SURVEYING S	SERVICES
21 Cedar Lane	2102322
Bridgeport, WV	26330
304-842-2018 or :	

Jane Lew. WV 26378 JAKES RUN

WATERSHED:

DISTRICT: CLAY CO. MONONGALIA

BLACKSVILLE O.W.N. 7029 QUAD .:

JULY 31, 2014 PG. \_\_\_ \_ OF DATE: -

#### LAND SURVEYING SERVICES

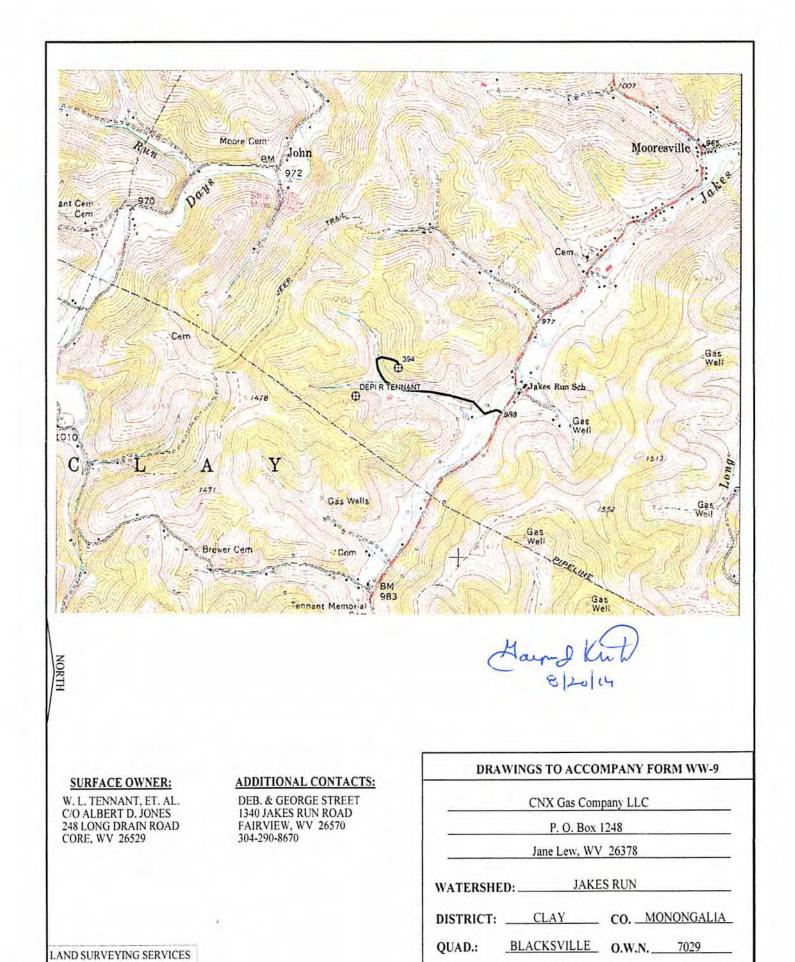
Stephen D. Losh, PS J. Michael Evans, PS 21 Cedar Lane, Bridgeport, WV 26330 Phone & Fax (304) 842-2018 or 842-5762 sdlosh@frontier.com

July 31, 2014

#### **DRIVING DIRECTIONS FOR 7029**

Traveling Route 7 just east of Pentress, WV, turn south onto Route 29 (Mooresville Rd.) at the Olive United Methodist Church. Follow Route 29 for 3.1 miles and make a right onto Route 29/5 just past the Jakes Run School. Follow Route 29/5 (basically a driveway to the Deborah and George Street residence) for .50 miles westerly back through the valley. Note: Upon leaving Route 29, immediately encounter a three ton weight limit bridge over Jakes Run. Continue up the right fork of the valley on existing trail for an additional .20 miles beyond the end of Route 29/5 to climb steeply up to 7029 on the north hillside.

NEAREST FIRE STATION: BLACKSVILLE VOLUNTEER FIRE DEPT.



JULY 31. 2014 PG. \_

DATE: -

OF.

21 Cedar Lane Bridgeport, WV 26330 304-842-2018 or 5762



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

FADM NAME.	iv	L. TENNANT		
RESPONSIBLE PAR	TY NAME:	CNX GAS COMPANY	LLC	
COUNTY:	MONONGALIA	DISTRICT:	CLAY	3
QUADRANGLE:		BLACKSVILLE 7.5 MIN.	256	
SURFACE OWNER:	w.	L. TENNANT , J. A. MOOR	E	
ROYALTY OWNER:	A	LBERT D. JONES, ET. AL.		
UTM GPS NORTHIN	(G: 4,392,296.21 M	IETERS		
UTM GPS EASTING	: 571,095.980 M	ETERS GPS ELEVA	TION: 3	60.198 METERS
plugging permit on the abov	above has chosen to sul e well. The Office of Oil	bmit GPS coordinates in lieu and Gas will not accept GPS	of preparing coordinates	a new well location plat for that do not meet the
plugging permit on the abov ollowing requirements:	e well. The Office of Oil	bmit GPS coordinates in lieu l and Gas will not accept GPS s: meters Altitude: Height	coordinates	that do not meet the
plugging permit on the above ollowing requirements: . Datum: NAD 1983, Zone	e well. The Office of Oil	and Gas will not accept GPS	coordinates	that do not meet the
plugging permit on the above ollowing requirements: Datum: NAD 1983, Zone Accuracy to Datum - 3.0	e well. The Office of Oil :: 17 Coordinate Unit 95 meters	and Gas will not accept GPS	above mean	that do not meet the sea level (MSL) - meters
plugging permit on the above ollowing requirements: Datum: NAD 1983, Zone Accuracy to Datum - 3.0	e well. The Office of Oil  : 17 Coordinate Unit  5 meters  Survey Grade GPS	and Gas will not accept GPS	above mean	that do not meet the sea level (MSL) - meters Real-Time Differential
plugging permit on the above plowing requirements:  Datum: NAD 1983, Zone  Accuracy to Datum - 3.0  Data Collection Method:	e well. The Office of Oil  17 Coordinate Unit  5 meters  Survey Grade GPS  Mapping Grade GPS	and Gas will not accept GPS  s: meters Altitude: Height  : Post Processed Differen  X: Post Processed Differen  he best of my knowledge and	above mean	that do not meet the  sea level (MSL) - meters  Real-Time Differential  Real-Time Differential
plugging permit on the above blowing requirements:  Datum: NAD 1983, Zone Accuracy to Datum - 3.0  Data Collection Method:	e well. The Office of Oil  17 Coordinate Unit  15 meters  Survey Grade GPS  Mapping Grade GPS  e this data is correct to the dand prescribed by the	and Gas will not accept GPS  s: meters Altitude: Height  : Post Processed Differen  X: Post Processed Differen  he best of my knowledge and	above mean tial I rential	sea level (MSL) - meters  Real-Time Differential  Real-Time Differential  ows all the information requirements

CNX USE: NAD 27 WV NORTH SPC: 7029 = 429,561.47' 1,811,080.88' ELEV. = 1,181.75'

STATE OF

STATE OF

11/21/2014



Carolinda Flanagan Permitting Analyst P.O. Box 1248 Jane Lew, WV 26378 (304) 884-2131

( CNIGAS

October 1, 2014

West Virginia Department of Environmental Protection Office of Oil & Gas 601 57<sup>th</sup> Street, SE Charleston, WV 25304-2345

RE: Well to be Plug and Abandoned: 7029

To Whom it May Concern,

Enclosed, please find the following plugging permit for your review and consideration:

7029 – API #47-061-00394

Should you need any further information, please contact me at (304) 884-2057 or by email at carolindaflanagan@consolenergy.com. Thank you!

Sincerely,

Carolinda Flanagan

Office of Oil & Gas