

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

January 30, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-10902770, issued to NEW RIVER ENERGY CORPORATION, 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.

Chief

James Martin

Operator's Well No: PC-003C

Farm Name: HEARTWOOD FORESTLAND

API Well Number: 47-10902770

Permit Type: Plugging Date Issued: 01/30/2015

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. <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.

WW-4B Rev. 2/01

1) Date			20 14	
2) Operator	' 9			
Well No.				
3/API Well	No.	47-100	- 02770	

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

OFFICE O	F OIL AND GAS
APPLICATION FOR A PE	ERMIT TO PLUG AND ABANDON
Wall Time. Cil / Gas X / Lig	old injection/ Waste disposal/
(If "Gas, Production X or I	Underground storage Deep/ Shallow X
1011 33	Watershed Rich Branch of Guyandotte River
5) Location: Elevation 1911.33 District Center	County Wyoming Quadrangle Pineville, WV
6) Well Operator New River Energy Corporation	ON 7)Designated Agent
Address P.O. Box 1020	Acuress
Waynesburg, PA 15370	_
and the same of th	Augusting Contractor
B) Oil and Gas Inspector to be notified	Name Ultra Production Company, LLC
Address 601 57th Street, SE Bu 124 B	Tacket Raddress P.O. Drawer U
Charleston WV 25304 25304	3-4-932-6844 Oakwood, VA 24631
Unajiesisti, *** 2555 * 25,724	0112
of a 2% bentonite solution along with 42, per minute. The third stage will be the in	coal seam. The second stage will be the injection ,000 gallons of water at an approximate rate of 100 njection of approximately 243,000 gallons of water well will remain open for additional treatment or emining company.
Need well records, Diagrams show m	PROCEDURE MS HA ID #46-01544 (WYOMAST PERMIT # U-4001-05)
Notification must be given to the district work can commence.	Let oil and gas inspector 24 hours before permitted Keeping Date 12/22/14
DEC 3 0 2014	

API # 47- 109-2770

State of West Virginia Division of Environmental Protection Section of Oil & Gas Well Operator's Report of Well Work

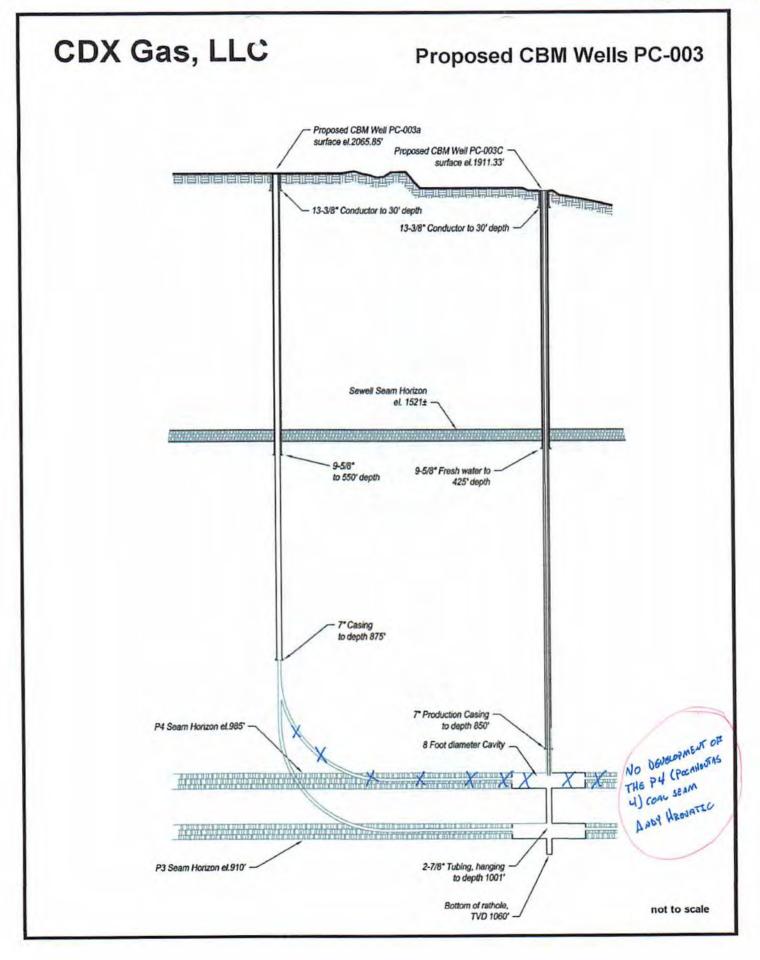
arm name: Heartwood Forestland	Operat	or Well N	10: PC-00	3C	
ocation: Elevation: 1911.33'	Quadra	angle:F	Pineville	_	
District: Center	County	/:\	Nyoming	-	
Latitude: 2185 Fee Longitude: 2463 Fee	et South of 37 Deg. 3 et West of 81 Deg. 3				
Company: CDX Gas, LLC 101 North Kanawha Street					
Beckley, WV 25801		Used in	Left in	Cement	
Agent: Michael McCown nspector: Barry Stollings	& Tubing Size	Drilling	Well	Fill up Cu.ft.	4-3
Permit Issued: 9/8/06	13 3/8"	32	32	22.2	cer
Vell Work commenced: 12/1/06 Vell Work completed: 1/8/07	9 5/8 "	437	437	136.9	CTG
/erbal plugging	7"	852	852	128.1	CTS
Permission granted on: Rotaryx Cable Rig.	2 7/8"	1020	1020	Hanging	
Gas: Initial open flow N/A Mcf/d Final open flow N/A Mcf/d		Oil: I	Pay zone nitial open Final open	flow	Bbl/d
Time of open flow between initia Static rock pressure psig	(surface pressure) a	fter	hour		
Second Producing formation Gas: Initial open flow Mcf/d Final open flow N Time of open flow between Static rock pressure psig	/lcf/d	Initial or	Pay zone on the flow flow hour	Bbl/d flow	(ft) Bbl/d
Third Producing formation			Pay zone		(ft)
Gas: Initial open flow Mcf/d Final open flow N	Oil: //cf/d		en flow Final open	Bbl/d flow	Bbl/d
Static rock pressure psig	een initial and final to	asts:		houre	
	een initial and final to (surface pressure) a	ests: fter	hour	hours	
DETAILED GEOLOGICAL RECORD OF ALL FO	(surface pressure) a	fter	hour	TED INTER	PROJECTION .
DETAILED GEOLOGICAL RECORD OF ALL FO	(surface pressure) a	fter	PERFORA G WHICH IS AL ENCOU T. Akers	TED INTER	EB 1 5 5001
Note: ON BACK OF THIS FORM, PUT THE F FRACTURING OR STIMULATING, PHYSICAL CH DETAILED GEOLOGICAL RECORD OF ALL FO WELLBORE.	(surface pressure) a FOLLOWING: 1) DET HANGE, ETC. 2) THE DRMATIONS, INCLUI	Alls OF WELL LO DING CO Charles	PERFORA G WHICH IS AL ENCOU T. Akers	TED INTER	EB 1 2 2007

Operator: PC-003C API No. 47-109-2770 Location: Wyoming County

Details of Perforated Intervals, Fracturing or Stimulation, Physical Change, Etc. - N/A

Well Log & Geologic Record - Depths from G.L.

	Depth in feet			
Lithology	Тор	Bottom		
Casing	0	30		
Shale	30	90		
Sandy Shale	90	105		
Shale	105	170		
Sandy Shale	170	250		
Shale	250	300		
Sandy Shale	300	340		
Shale	340	450		
Sandy Shale	450	490		
Shale_	490	570		
Sandy Shale	570	640		
Shale	640	815		
Sandy Shale	815	900		
Shale	900	915		
Sandy Shale	915	940		
Shale	940	1020		
Coal (cavity)	1020	1024		
Sandy Shale	1024	1050		
Shale	1050	1100		
	TD 1100			



Ultra Production Company, LLC Plugging Volumes PC-003C

	Footage	Diameter (in)	Volume (CuFt)	Beginning X Coord	Beginning Y Coord	Ending X Coord	Ending Y Coord
PC-003C	1,100	7	293.98	1481380.875	13638915.747		
Leg 1	3,184	4.5	351,66	1481338.671	13638856.337	1483613.478	13638856.319
Leg 2	4,614	4.5	509.60	1481372.118	13638794.464	1481199.974	13635367.785
Leg 3	2,783	4.5	307.37	1481586.927	13638636.490	1483602.611	13638226.456
Leg 4	3,305	4.5	365.03	1481916.415	13637988.472	1481956.722	13635781.984
Leg 5	2,204	4.5	243.42	1481990.688	13637886.929	1483517.960	13637644.540
Leg 6	1,572	4.5	173.62	1482350.067	13637253.909	1483420.053	13636997.990
Leg 7	2,359	4.5	260.54	1482358.064	13637244.763	1482556.343	13635340.698
Leg 8	4,007	4.5	442.56	1481200.142	13639119.024	1482980.914	13636230.049

^{*} Coordinate values are in UTM NAD 83 Zone 17

RECEIVED
Office of Oil and Gas

150 23 777

WV Department of Environmental Protection



I) Date: WW-4A 2) Operator's Well Number Revised 6-07 PC-003C 3) API Well No.: 47 -STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL 5) (a) Coal Operator 4) Surface Owner(s) to be served: SPARTAN MINING CO Name Heartwood Forest Land Fund (a) Name 208 BUSINESS STREET Address 19045 Stone Mountain Road Address BELLEY, WV 25801 Abingdon, VA 24210 (b) Coal Owner(s) with Declaration (b) Name Western Pocahontas Properties, LLC Name Address 5260 Irwin Road Address Huntington, WV 25705 Name (c) Name Address Address (c) Coal Lessee with Declaration Gery Kenned 6) Inspector SPARTAN MINIUG CO Tiace Name 7th Street SE Address RUGINESS STREET WVAddress on, WV 25304 Telephone TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents: 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 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 By: COMMONWEALTH OF PENNSYLVANIA Its: NOTARIAL SEAL Address DEBORAH M. DuBOIS, Notary Public Franklin Twp., Greene County Telephone My Commission Expires January 24, 2015 2014

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 regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

Notary Public

day of

Subscribed and sworn before me this

My Commission Expires

U.S. Postal Service TM CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) 54 delivery information visit our website CHARLESTON NV 25304 ~ m 0302 \$1.40 37 \$ Postage 05 \$3.30 Certified Fee TOOO Postmark Return Receipt Fee (Endorsement Required) \$2.70 Here Restricted Delivery Fee (Endorsement Required) \$0.00 120 \$7.40 12/10/2014 Total Postage & Fees \$ E WV DEP OFFICE of OIL & GAS Sent To m Street, Apt. No.; 601 57th Street, SE or PO Box No. City, State, ZIP+4 CHARLESTON, WV 25304 See Reverse for Instructions PS Form 3800, August 2006

BECKLEY WV	25801	our website	at www.usps.com ₈
Postage	0 50	7 1040	0302
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Total Postage & Fee	\$	\$7.40	12/10/2014
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U.S. Postal Service ... CERTIFIED MAIL RECEIPT I (Domestic Mail Only; No Insurance Coverage Provided) 56 For delivery information visit our website at HUNTINGTON NV 25705 ~ m E \$0.91 0302 Postage S \$3.30 05 Certified Fee 1000 Postmark Return Receipt Fee \$2.70 Here (Endorsement Required) Restricted Delivery Fee (Endorsement Required) \$0.00 3020 12/10/2014 \$6.91 Total Postage & Fees \$ Sent To m WPP, LLC 10 Street, Apt. No.; 5260 Pd. or PO Box No. City, State, ZIP+4 Huntington, WV 25705 PS Form 3800, August 2006 See Reverse for Instructions

552	U.S. Postal Service TM CERTIFIED MAIL TM RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)					
3 75	For delivery inform ABINGDON VA		our website	at www.usps.com ₈		
5313	Postage	s	\$1.40	0302		
Cortific	Certified Fee		\$3.30	05		
DOOT	Return Receipt Fee (Endorsement Required)		\$2.70	Postmark Here		
	Restricted Delivery Fee (Endorsement Required)		\$0.00			
3020	Total Postage & Fees	\$	\$7.40	12/10/2014		
	Sent TO HEART	JOOD	FOREST	(AW)		
7013	Street, Apt. No.; or PO BOX No. 19045 STONE MTN. DD					
3)1	City, State, ZIP+4	BING	DON, VA	24210		
	PS Form 3800, August 2	2006		See Reverse for Instructions		

WW-9 Rev. 5/08

	Page		of	
API Number 47	109		02770	
Operator's Well N	O. PC-003C	1		

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

	GEN	ERAL PERMIT FOR OIL AN	D GAS PIT WASTE D	ISCHARGE	
Operator N	ame New River Ener	gy Corporation	OP C	ode 309919	
	Rich Branch of Guya		Quadrangle Pineville	e,WV	
Elevation	1,911.33	County Wyoming	Di	strict Cente	
Description	n of anticipated Pit Waste	No pit will be require	ed for this operation	on	
	thetic liner be used in the	1	25M		
Proposed I	Disposal Method For Tre	plication			
		ound Injection (UIC Permit N	lumber)
		at API Number)
	Off Site	Dispposal (Supply form WW-	9 for disposal location))	
	Other (Explain			
Proposed	Work For Which Pit Wil	l Be Used:	8		
	Drilling	_	Swabbing		
	Workov		Plugging		
	Other (Explain			
application obtaining penalties Company Company	s of the permit are enforgulation can lead to enfor I certify under penalty on form and all attachms the information, I belifor submitting false information of the i	ceable by law. Violations of cement action. If law that I have personally nents thereto and that, based eve that the information is transfer, including the possibility.	examined and am fam on my inquiry of the ue, accurate, and comp	iliar with the ose individual plete. I am a	information submitted on this is immediately responsible for tware that there are significant Office of Oil & Gas
Subscrib	and swom before me	this day of	December	Notory Pu	7_
_	John II	1 years			
Му соп	nmission expires	Jan 24,2015		F	NOTARIAL SEAL DEBORAH M. DUBOIS, Notary Public
					Franklin Twp., Greene County My Commission Expires January 24, 2015

Operator's Well No. PC-003C

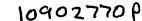
	LEGEND	
Property Boundary	Diversion Control of the Control of	
Road = = = = = = = = =	Spring O	
Existing Fence — X — X — X —	Drain Pipe with size in inches	_ @
Planned Fence _ / _ / _ / _	Waterway C+ C+ C	
Stream	Cross Drain	111111
Open Ditch	Artificial Filter Strip	XXXXXXXXX
North N	Pit cut walls Euro	
Buildings	Pit: compacted fill walls	
Water wells	Area for Land Application of Pit Wa	TIC TO THE PARTY OF THE PARTY O
Drill site	Ez. 2.	
		- total
oposed Revegetation Treatment: Acres Disturbed 0.5	Prevegetation pH	
Lime 2 Tons/acre or to correct to p	рн 6.0	
F00	lbs/acre (500 lbs minimum)	
Tiber Mulab II b	ns/acre	
S	Seed Mixtures	
Area I	Area II	
Seed Type lbs/acre	Seed Type	lbs/acre
all Fescue 40	Tall Fescue	40
Orchard Grass 6	Orchard Grass	6
Perennial Rye Grass 39	Perennial Rye Grass	39
Red Clover 17	Red Clover	17
Attach: Drawing(s) of road, location, pit and proposed area for land Photocopied section of involved 7.5' topographic sheet.	application.	
Plan Approved by: He Kenneley	1511	Heral
Comments:		Office of C
		DEC 3 0
	1. 1. 1.	
Title: Inspector	Date: 12/22/14	

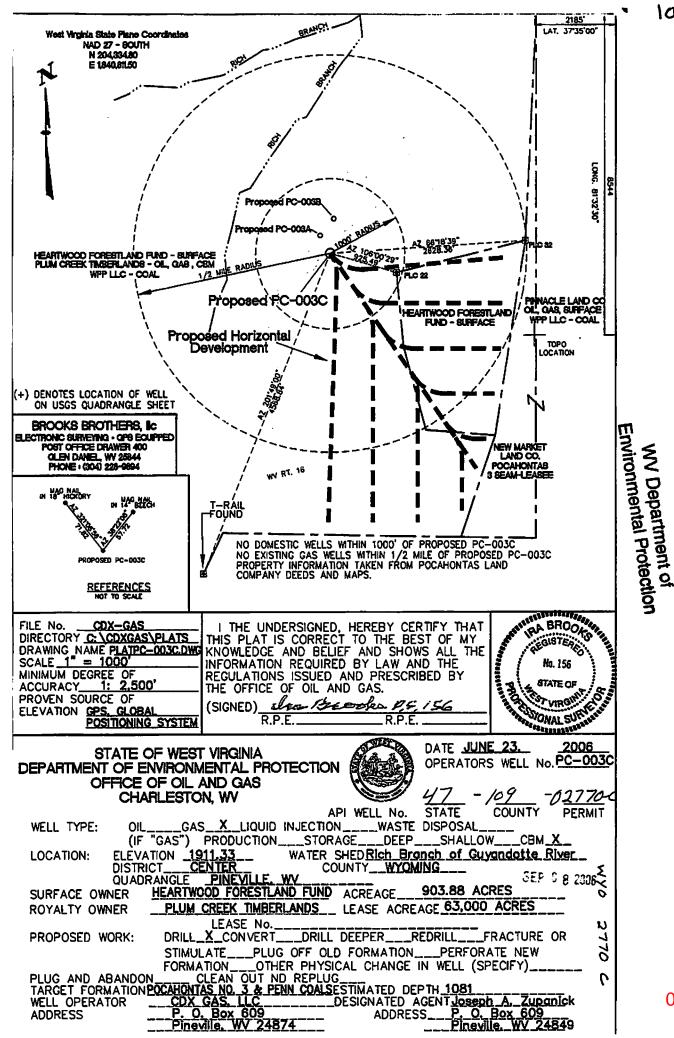
WW-7 8-30-06



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LO	OCATION FORM: GPS		
_{API:} 47-109-02770	WELL NO.: PO	C-003C	
FARM NAME: Heartwood			
RESPONSIBLE PARTY NAME	. New River Energy C	orporation	
COUNTY: Wyoming	DISTRICT: Cen	ter	
QUADRANGLE: Pineville,			
SURFACE OWNER: Hearty	vood Forest Land Fun	d	
ROYALTY OWNER: Plum			
UTM GPS NORTHING: 4157		7	
	2.003 GPS ELEVATION	_{DN:} 584.972	1918.7
the following requirements:	Gas will not accept GPS coordinates ne: 17 North, Coordinate Units: mete level (MSL) – meters.		
 Accuracy to Datum – 3. Data Collection Method Survey grade GPS: Post I 	.05 meters	Receive Office of O	
	Time Differential	DEC 15	2014
	st Processed Differential		
Re	eal-Time Differential X		
I the undersigned, hereby certify th	topography map showing the well his data is correct to the best of my keen to required by law and the regulation Gas.	nowledge and	
My Manth	BUSINESS DEVELOPMENT MAG.	12/12/14	
Signature	Title	Date	



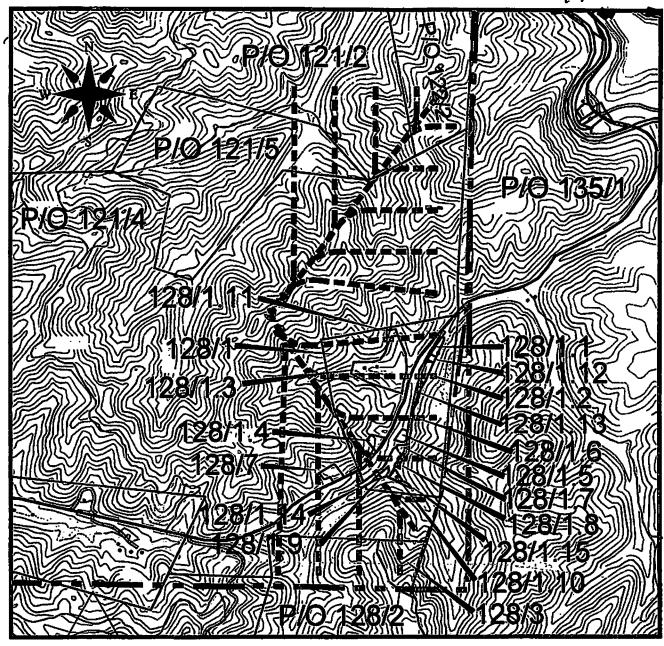


01/30/2015

Office of Oil and Gas

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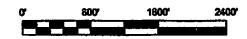
109-02770-6



CDX Gas, LLC - PROPOSED CBM WELL UNIT PC-003

Center District, Wyoming County, WV

Surface Ownership



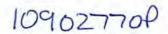
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Office of Oil & Gas
Office of Chief

AUG 1 5 2006

WV Department of
Environmental Protection

Date: 8-10-2006

*Note - Tracts are based upon Wyoming County Tax Records and Maps





P.O. Drawer U
Oakwood, Virginia 24631
Telephone (276) 345-9161
Telefax (540) 301-5996

December 23, 2014

West Virginia Department of Environmental Protection Office of Oil and Gas Attn.: Melanie Hankins 601 57th Street, SE Charleston, WV 25304

RE: Plugging Permit for 47-109-02770 (PC-003C) – Inspector Sign-Off

Ms. Hankins,

Please find enclosed on behalf of New River Energy Corporation, the previously submitted application with the inspector's signature for the permit application for plugging the horizontal CBM Well PC-003C (API 47-109-02770), located in Wyoming County, West Virginia. The enclosed items include the WW-4A, WW-4B, WW-9 and the location map. Should you have any questions or concerns in regards to this matter, please feel free to contact me using the information provided below.

Sincerely,

Andy Hrovatic

Ultra Production Company, LLC

Cell: 276-970-6431

Email: ahrovatic@ultraproductioncompany.com

Received Office of Oil & Gas

DEC 3 0 2014