

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 10, 2014

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3901249, issued to CABOT OIL & GAS 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.

James Martin

Chief

Operator's Well No: CANNELTON COAL #15 (15-1471)

Farm Name: CANNELTON C & C

API Well Number: 47-3901249 Permit Type: Plugging

Date Issued: 11/10/2014

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

- 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	Septe	ember	15 ,	20 14
2) Ope:				2,000,000
			nelton Co	
3)API	Well	No.	47-039	- 01249 P

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

	APPLICATION FOR A PERM	MIT TO PLUG AND ABANDON
4)	Well Type: Oil/ Gas X/ Liquid	d injection / Waste disposal /
		derground storage/ Shallow_X
5)	Location: Elevation_1,316'	Watershed Staten Run
	District Cabin Creek	County Kanawha Quadrangle Montgomery
6)	Well Operator Cabot Oil & Gas Corporation	7) Designated Agent Whitney Johnson
	Address Five Penn Center West, Ste. 401	Address P.O. Box 450
	Pittsburgh, PA 15276	Glasgow, WV 25086
8)	Oil and Gas Inspector to be notified Name Terry Urban	9) Plugging Contractor Name Shreve's Well Service
	Address P.O. Box 1207	Address 3473 Triplett Road
	Clendenin, WV 25045	Spencer, WV 25275
	SEE Drai	UN Diagram Thomas to Prog. Whomes to Prog. W. II cement W. II cement O. IE CESPAID All free BTC O. IE CESPAID All free BTC

Work order approved by inspector June Ulli

11/14/2014

Cannelton Coal #15 API # 47 – 039 – 01249 PLUGGING PROCEDURE

Current Configuration

PBTD @ 3002'
10-3/4" conductor @ 8'
8-5/8" casing @ 830'
7" casing @ 2297'
2" tubing @ 3000'
2" X 6-5/8" anchor packer @ 585'
Coal @ 668' – 674' & 783' – 787'
Water @ 300', 670', 1446', 1505', & 2180'
Berea @ 2958' – 2995', shot from 2962' – 2990'
Weir @ 2591' – 2629', shot from 2600' – 2620'
Big Lime @ 2307' – 2558' w/ gas shows @ 2415' & 2455'
Maxton @ 2136' – 2199' w/ water @ 2180'
2"d Salt Sand @ 1435' – 1588' w/ water @ 1446' & 1505' & gas @ 1587'
1st Salt Sand @ 1265' – 1430'

PROCEDURE

- 1. Contact Glasgow Office a minimum of 48 hours prior to starting work.
- 2. Contact State Inspector a minimum of 24 hours prior to starting work.
- 3. MIRU service rig and blow down well.
- 4. Lay 2" line from wellhead to pit/tank and stake down securely.
- 5. Have vacuum truck available to catch any fluids circulated from well.
- Unpack wellhead.
- 7. TIH with sand line to check TD.
- 8. Pull 2" tubing.
- 9. If unable to pull tubing, run freepoint, cut above freepoint, and POOH.
- 10. TIH with 2-3/8" work string to TD.
- MIRU Cement Company and pump 20 bbls 6% gel followed by 35 sks of Class A cement for plug 1 from TD to 2850'.
- 12. Displace w/ 11 bbls of 6% gel.
- Pull work string up to 2650' and pump 10 bbls 6% gel followed 70 sacks Class A cement for plug 2 from 2650' to 2300'.
- 14. Displace w/ 9 bbls of 6% gel.
- 15. TOOH with 2-3/8" work string. Let cement plug set for a minimum of eight hours.
- 16. MIRU wireline company and check setting of cement plug 2.
- 17. Pull 7" casing string.
- TIH with work string to 2200' and pump 10 bbls 6% gel followed by 55 sks of Class A cement for plug 3 from 2200' to 2000'.
- 19. Displace w/ 7 ½ bbls of 6% gel.
- Pull work string up to 1550' and pump 10 bbls 6% gel followed 110 sacks Class A cement for plug 4 from 1550' to 1150'.
- 21. Displace w/ 4 1/2 bbls of 6% gel.
- 22. TOOH with 2-3/8" work string.
- 23. Pull 8-5/8" casing and 10-3/4" conductor.
- 24. TIH with 2-3/8" tubing to 800' and pump 10 bbls 6% gel followed 135 cubic feet of expanding cement (115 sacks Class A cement with 10 % salt added) for plug 5 from 800' to 550'.
- 25. Displace w/ 2 bbls of 6% gel.

OKIM

91814 11/14/2014

- 26. Pull 2-3/8" tubing up to 350' and pump 190 cubic feet of expanding cement (160 sacks Class A cement with 10 % salt added) for plug 6 from 350' to surface.
- 27. TOOH with 2-3/8" tubing and lay down.
- 28. RDMO Cementing Company.
- 29. Place monument as required by law on top of well bore.
- 30. Reclaim well site.

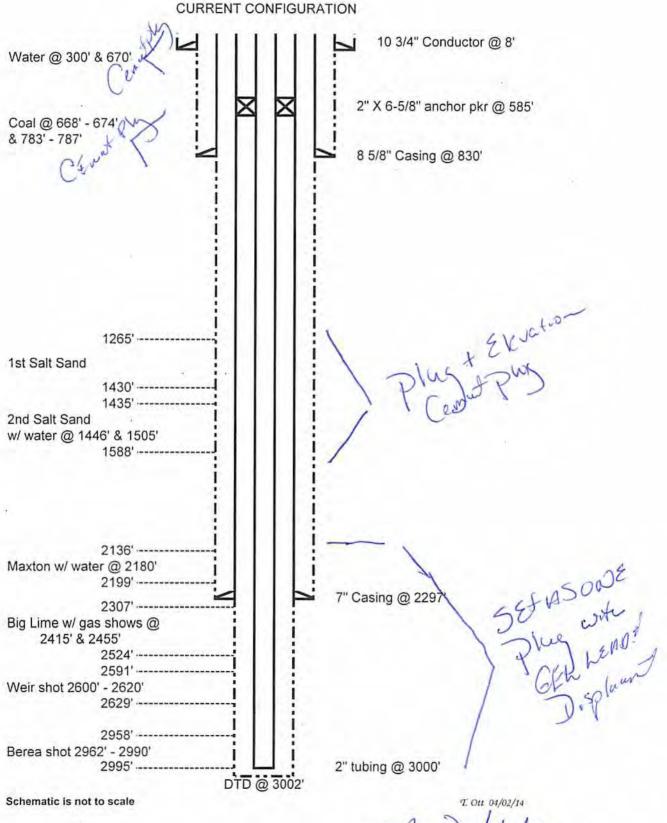
Office of Oil and Gas

SER 17 1/14

W// Department of
Environmental Protection

Cannelton Coal #15

API 47-039-01249 CURRENT CONFIGURATION



9-9-11/14/2014

WEST VIRGINIA DEPARTMENT OF MINES OIL & GAS DIVISION WELL RECORD

5 TO 3 A						
Permit No.	Kan 1249				Gas We	11
Montgomery	Quad.				CASING &	
Company		Cannel	ton Coal &	Coke		
Address		Cannel	ton, W.Va.		10 8	
Farm .			Acres		830	830
Location				Smithers Cr.	6 5/8 2297	2297
Well No.		15	Elev.		2 3000	3000
District				nawha County		
Furface			C. Co. Ca	nnelton, W.Va.	Oil Well And	chor Packer
Mineral		Same	2027/15		Size 2 x 6	
Commenced		Oct. 2			Depth 585	
Completed Date shot		Jan. 1		212 0 200		
Dase shot		Jan. 1	7 Depth 2	962 to 2990	Perf. top 29	
				600 to 2620	" bot 29	970
Open flow		1st, N.	tro glycer	in 2nd. Hi V Gelat		
Volume			hs W in 2"		Coal at 668	3' 72"
Rock Pressu	re	170,00			783' 48"	
Oil		350 lb		90.00	- 5	
Fresh Water		Showin	g oil in B	erea		
Salt Water		300',6'				
10.002		LTTO,	1303.			
Sand		0	50			
Sand Y		50	73			
	k H	73	79			
Slate	,	79	100			
Sand		100	190			
Slate		190	230			
Sand		230	260			
Sand		260	290			
Slate		290	295			
Sand		295	325			
Slate	Shelly	325	505			
Lime		505	545			
Slate	Shelly	545	668			
Coal B	k Friable	668	674	No. 2 gas		
Slate & Lim	e Sh	674	783	5 645		
	k Friable	783	787	Lost Water	Eagle	
Slate	Shelly	787	1065		246.20	
Sand		1065	1120			
Slate		1120	1140			
Grampus San		1140	1245			
Lime B		1245	1265		-	
Salt Sand ,	1st Salt	1265	1430			
Slate	2 2 2 2	1430	1435			
Salt Sand	2nd Salt	1435	1588			
Slate		1588	1605	Gas 1587		-17
Sand		1605	1631		20	WEL Gas
Lime		1631	1688		to 1900 Ga of C	11 8110
Slate Red Rock		1688	1780		1000	
Sand	S	1780	1928	Cemented 1780	to 1900	17 2014
Red Rock	m.	1928	1942		1649	Service to the section
Lime	Firm	1942	1950		3-	nain Than
Sand		1950	1990		15	St. CHOISE
Red Rock	P	1990	2020		100	The Treat Protection
Lime	Firm	2020	2030		7091	Une
Maxon Sand	Shell6	2030	2136		ELLA	
Lime		21,36	2199			
Slate		2199	2254			
Lime		2254	2259			
Slate		2259	2278			
Lime		2278 2284	2284			
Pencil Cave,	light S	2304	2304	A second	a lovelo	
Big Lime Li	ght S	2304	2307	Cemented 2300 to		4414410044
Big Injun Re	d	2524	2524	Gas 2415 25000	C.F.	11/14/2014
Lime	182	2558	2558 2591			
Weir Sand	S	2591	2629	Gon 9633 300	0.0.	
	Shelly	2629	2935	Gas 2611 100,00	OC.F.	
Slate						
Slate		2935	2 M 11 M			
	Н	2935 2958	2958 2995	Gas 2978 45,000) C E	

01249

11/14/2014

WW-4A Revised 6-07

(a) Name

Oil and Gas Privacy Notice

Address

4) Surface Owner(s) to be served:

P.O. Box 271

Boone East Development Company

1) Date:	September 15, 2014	
2) Operator	r's Well Number	
Cannelton C		

Mammoth Coal Company

P.O. Box 150

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

Name

Address

3) API Well No.: 47 -

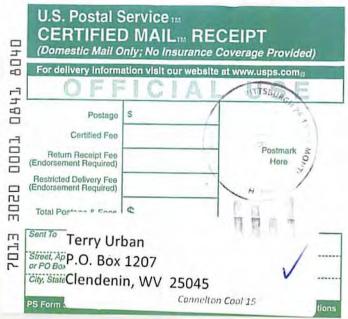
Telephone (304) 549- TO THE PERSONS I (1) The application to well its and the plu (2) The plat (surveyor's The reason you received the However, you are not required the However, you are not required to the Application, and the plate (304) 549-549-549-549-549-549-549-549-549-549-	1207 1, WV 25045 -5915 NAMED ABOVE: Y Plug and Abandon a Well or gging work order; and s map) showing the well local ese documents is that you have seed to take any action at all.	Name Address Name Address (c) Coal Le Name Address You should have rec on Form WW-4B, which attion on Form WW-6. rights regarding the appli	with Declaration Boone East Development Company P.O. Box 271 Julian, WV 25529 essee with Declaration None of Record elived this Form and the following documents: the sets out the parties involved in the work and describes the lication which are summarized in the instructions on the reverses side.
(c) Name Address 6) Inspector Address F.O. Box Clendenin (304) 549 TO THE PERSONS N (1) The application to well its and the plu (2) The plat (surveyor's The reason you received the However, you are not requir Take notice that under Chapaccompanying documents for Protection, with respect to the Application, and the plates.	1207 1, WV 25045 -5915 NAMED ABOVE: Y Plug and Abandon a Well or gging work order; and s map) showing the well local ese documents is that you have seed to take any action at all.	Address Name Address (c) Coal Le Name Address You should have rec in Form WW-4B, which ation on Form WW-6.	P.O. Box 271 Julian, WV 25529 essee with Declaration None of Record eeived this Form and the following documents: the sets out the parties involved in the work and describes the
Address 6) Inspector Address P.O. Box Clendenin Telephone (304) 549 TO THE PERSONS N (1) The application to well its and the plu (2) The plat (surveyor's The reason you received the However, you are not requir Take notice that under Chapaccompanying documents for Protection, with respect to the Application, and the plates.	1207 1, WV 25045 -5915 NAMED ABOVE: Y Plug and Abandon a Well or gging work order; and s map) showing the well local ese documents is that you have seed to take any action at all.	Name Address (c) Coal Le Name Address You should have rec in Form WW-4B, which ation on Form WW-6.	Julian, WV 25529 essee with Declaration None of Record eeived this Form and the following documents: th sets out the parties involved in the work and describes the
Address 6) Inspector Terry Urba Address P.O. Box Clendenin Telephone (304) 549 TO THE PERSONS N (1) The application to well its and the plu (2) The plat (surveyor's The reason you received the However, you are not requir Take notice that under Chapaccompanying documents for Protection, with respect to the Application, and the plates.	1207 1, WV 25045 -5915 NAMED ABOVE: Y Plug and Abandon a Well or gging work order; and s map) showing the well local ese documents is that you have seed to take any action at all.	Address (c) Coal Le Name Address You should have rec in Form WW-4B, which ation on Form WW-6.	essee with Declaration None of Record eleived this Form and the following documents: the sets out the parties involved in the work and describes the
Address 6) Inspector Address P.O. Box Clendenin Telephone (304) 549 TO THE PERSONS N (1) The application to well its and the plu (2) The plat (surveyor's The reason you received the However, you are not requir Take notice that under Chapaccompanying documents for Protection, with respect to the Application, and the plates.	1207 1, WV 25045 -5915 NAMED ABOVE: Y Plug and Abandon a Well or gging work order; and s map) showing the well local ese documents is that you have seed to take any action at all.	Address (c) Coal Le Name Address You should have rec in Form WW-4B, which ation on Form WW-6.	essee with Declaration None of Record eleived this Form and the following documents: the sets out the parties involved in the work and describes the
Address 6) Inspector Address P.O. Box Clendenin Telephone (304) 549 TO THE PERSONS N (1) The application to well its and the plu (2) The plat (surveyor's The reason you received the However, you are not requir Take notice that under Chapaccompanying documents for Protection, with respect to the Application, and the plates.	1207 1, WV 25045 -5915 NAMED ABOVE: Y Plug and Abandon a Well or gging work order; and s map) showing the well local ese documents is that you have seed to take any action at all.	Address (c) Coal Le Name Address You should have rec in Form WW-4B, which ation on Form WW-6.	None of Record eeived this Form and the following documents: h sets out the parties involved in the work and describes the
Address P.O. Box Clendenin Telephone (304) 549 TO THE PERSONS I (1) The application to well its and the plu (2) The plat (surveyor's The reason you received the However, you are not requir Take notice that under Chapaccompanying documents for Protection, with respect to the Application, and the plates.	1207 1, WV 25045 -5915 NAMED ABOVE: Y Plug and Abandon a Well or gging work order; and s map) showing the well local ese documents is that you have seed to take any action at all.	Name Address You should have rec n Form WW-4B, which ation on Form WW-6. rights regarding the appli	None of Record eeived this Form and the following documents: h sets out the parties involved in the work and describes the
Address P.O. Box Clendenin Telephone (304) 549 TO THE PERSONS I (1) The application to well its and the plu (2) The plat (surveyor's The reason you received the However, you are not requir Take notice that under Chapaccompanying documents for Protection, with respect to the Application, and the plates.	1207 1, WV 25045 -5915 NAMED ABOVE: Y Plug and Abandon a Well or gging work order; and s map) showing the well local ese documents is that you have seed to take any action at all.	Name Address You should have rec n Form WW-4B, which ation on Form WW-6. rights regarding the appli	None of Record eeived this Form and the following documents: h sets out the parties involved in the work and describes the
Address P.O. Box Clendenin Telephone (304) 549 TO THE PERSONS I (1) The application to well its and the plu (2) The plat (surveyor's The reason you received the However, you are not requir Take notice that under Chapaccompanying documents for Protection, with respect to the Application, and the plates.	1207 1, WV 25045 -5915 NAMED ABOVE: Y Plug and Abandon a Well or gging work order; and s map) showing the well local ese documents is that you have seed to take any action at all.	Name Address You should have rec n Form WW-4B, which ation on Form WW-6. rights regarding the appli	None of Record eeived this Form and the following documents: h sets out the parties involved in the work and describes the
Telephone (304) 549- TO THE PERSONS N (1) The application to well its and the plu (2) The plat (surveyor's The reason you received the However, you are not required the However, you are not required to the Application, with respect to the Application, and the plate (304) 549-549-549-549-549-549-549-549-549-549-	Plug and Abandon a Well or gging work order; and s map) showing the well local ced to take any action at all.	Address You should have rec n Form WW-4B, which ation on Form WW-6. rights regarding the appli	eeived this Form and the following documents: h sets out the parties involved in the work and describes the
Telephone (304) 549- TO THE PERSONS I (1) The application to well its and the plu (2) The plat (surveyor's The reason you received the However, you are not required the However, you are not required to the Application, and the plate to the Application to the Applicatio	NAMED ABOVE: Y Plug and Abandon a Well or gging work order; and s map) showing the well loca ese documents is that you have a ed to take any action at all.	You should have rec n Form WW-4B, which ation on Form WW-6, rights regarding the appli	h sets out the parties involved in the work and describes the
(1) The application to a well its and the plu (2) The plat (surveyor's The reason you received the However, you are not requir Take notice that under Chapaccompanying documents for Protection, with respect to the Application, and the plate to the Application to the A	Plug and Abandon a Well or gging work order; and s map) showing the well loca ese documents is that you have a red to take any action at all.	n Form WW-4B, which ation on Form WW-6, rights regarding the appli	h sets out the parties involved in the work and describes the
(1) The application to well its and the plu (2) The plat (surveyor's The reason you received the However, you are not requir Take notice that under Chapaccompanying documents for Protection, with respect to the Application, and the plant of the Application, and the plant is good to be a surveyed to the Application, and the plant is good to be a surveyed to the Application, and the plant is good to be a surveyed to the Application, and the plant is good to be a surveyed to the Application, and the plant is good to be a surveyed to the Application, and the plant is good to be a surveyed to the application of the plant is good to be a surveyed to the application of the plant is good to be a surveyed to the application of the plant is good to be a surveyed to the application of the plant is good to be a surveyed to the application of the plant is good to be a surveyed to the application of the app	Plug and Abandon a Well or gging work order; and s map) showing the well loca ese documents is that you have ted to take any action at all.	n Form WW-4B, which ation on Form WW-6, rights regarding the appli	h sets out the parties involved in the work and describes the
	or a permit to plug and abandon he well at the location described	a well with the Chief of the don the attached Applicated or certified mail or de	I operator proposes to file or has filed this Notice and Application and the Office of Oil and Gas, West Virginia Department of Environmental tion and depicted on the attached Form WW-6. Copies of this Notice, elivered by hand to the person(s) named above (or by publication in
	Well Operato	or Cabot Oil & Gas	s Corporation
	By:	Kenneth L. Mar	
COMMONWEATER OF DESIGNATION	Its:	Regulatory Sup	pervisor
COMMONWEALTH OF PENNSYLVA Notarial Seal	Address	Five Penn Cent	ter West, Suite 401
Constance C. Carden, Notary Pub		Pittsburgh, PA	15276
McDonald Boro, Washington Count My Commission Expires Nov. 16, 20		(412) 249-3850	
MEMBER, PENNSYLVANIA ASSOCIATION OF NO Subscribed and sworn befor	TARIES	day of Septembe	er, 2014 RECEIVED Gas
Constance	re me this 15th	day of Septembe	The second secon
My Commission Expires N	C. Carden	uay or <u>Septembe</u>	Notary Public 7 1014

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 depprivacyoffier@wv.gov.







Office of Oil and Gas

SEP 17 2014

WV Department of Environmental Protection

WW-9 (5/13)

	Page of
API Number 47 - 039	- 01249
Operator's Well 1	No. Cannelton Coal #15

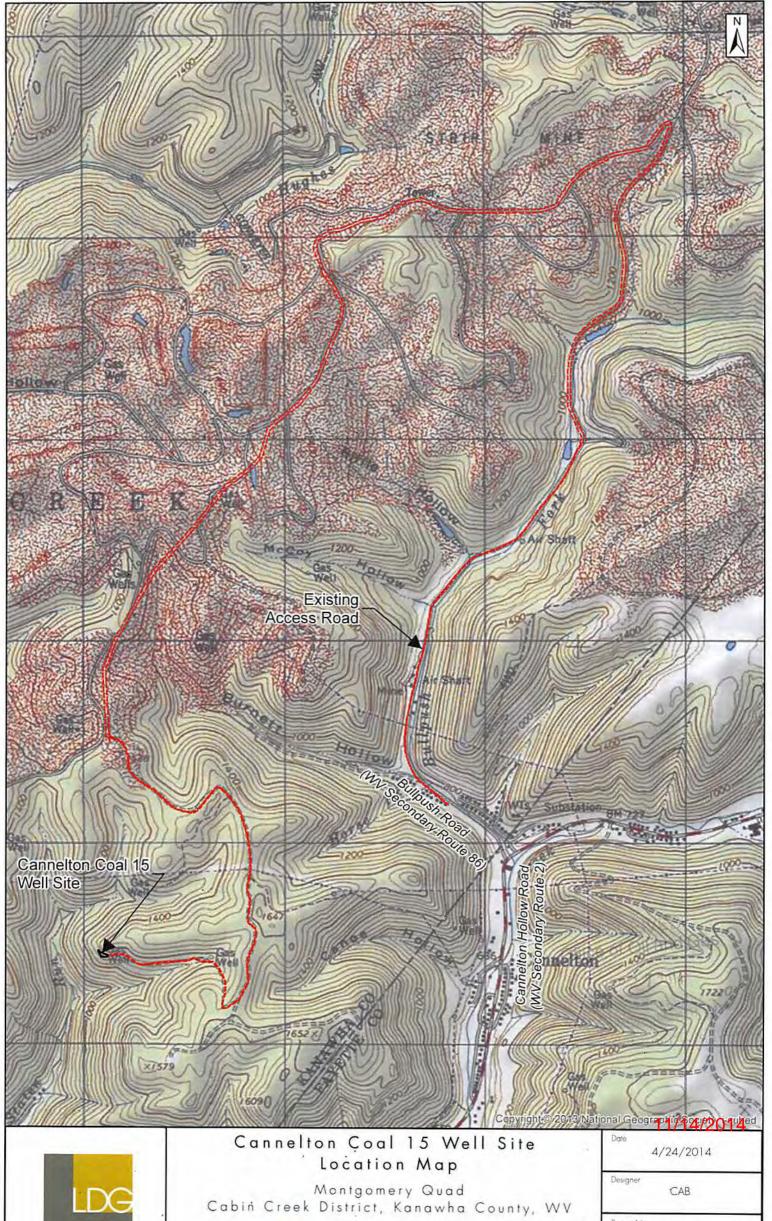
STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

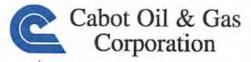
Operator Name Cabot Oil &	Gas Corporation	OP Code	
Watershed (HUC 10) Staten R	dun Qua	adrangle Montgomery	
Elevation 1,316'	County_Kanawha	District Cabin Creek	_
Will a pit be used for drill cuttir	nan 5,000 bbls of water to complete the progress? Yes No _X nticipated pit waste:	roposed well work? Yes No _X	
	e used in the pit? Yes No _X	If so, what ml.?	F)
Proposed Disposal Me Land Unde Reus Off S	thod For Treated Pit Wastes:	ANY WELL EFRUEN CONTAINED IN T DISPOSED OF (sposal location)	TANKS PROPE
Will closed loop system be used	d? N/A		
	? Synthetic, petroleum, etc	c. no drilling proposed	
Drill cuttings disposal method?	Leave in pit, landfill, removed offsite, e	tc. No cuttings produced during plugging operation	on
	o solidify what medium will be used? (c		
-Landfill or offsite nan	ne/permit number?		
on August 1, 2005, by the Office provisions of the permit are en law or regulation can lead to en I certify under penalty application form and all attack obtaining the information, I be	the of Oil and Gas of the West Virginia Deforceable by law. Violations of any terriforcement action. You of law that I have personally examine the highest the based on my	s of the GENERAL WATER POLLUTION PErpartment of Environmental Protection. I under mor condition of the general permit and/or other and am familiar with the information submovinquiry of those individuals immediately regarate, and complete. I am aware that there are or imprisonment.	estand that ner applicant nitted on esponsible
Company Official Signature	femet Colare	RECEIVED AN OIL AND	Gas.
Company Official (Typed Nan		Office of Office	
Company Official Title Regu	latory Supervisor	SEP 17 20M	-
Subscribed and sworn before m	e this 15th day of Sept	20 14 COMMONWEALTH OF P	1
My commission expires 11/16/		McDonald Boro, Washin My Commission Expires N MEMBER, PENNSYLVANIA ASSOCIA	Nov. 16, 20

Operator's Well No. Cannelton Coal #15

Proposed Revegetation Treatment: Acres Disturbed 0.3	Prevegetation pH 6.5
Lime 2 Tons/acre or to correct to	орн 6.5
Fertilizer (10-20-20 or equivalent) 500	_lbs/acre (500 lbs minimum)
Dula Eibor at 1000 to 1500	ons/acre
	Seed Mixtures
Area I	Area II
Seed Type Ibs/acre Grain Rye - 100 Red Clover - 5 Fescue - 40	Seed Type Ibs/acre Grain Rye - 100 Red Clover - 5 Fescue - 40
Annual Rye - 20 White Clover - 5	Annual Rye - 20 White Clover - 5
Perennial Rye - 10 Alta Sweet Clover - 5	Perennial Rye - 1 Alta Sweet Clover - 5
Yellow Clover - 5 Birdsfoot Trefoil -10	Yellow Clover - 5 Birdsfool Trefoo
Attach: Drawing(s) of road, location,pit and proposed area for land Photocopied section of involved 7.5' topographic sheet.	application.
Drawing(s) of road, location,pit and proposed area for land	application.
Plan Approved by:	application. Date: 9-1814

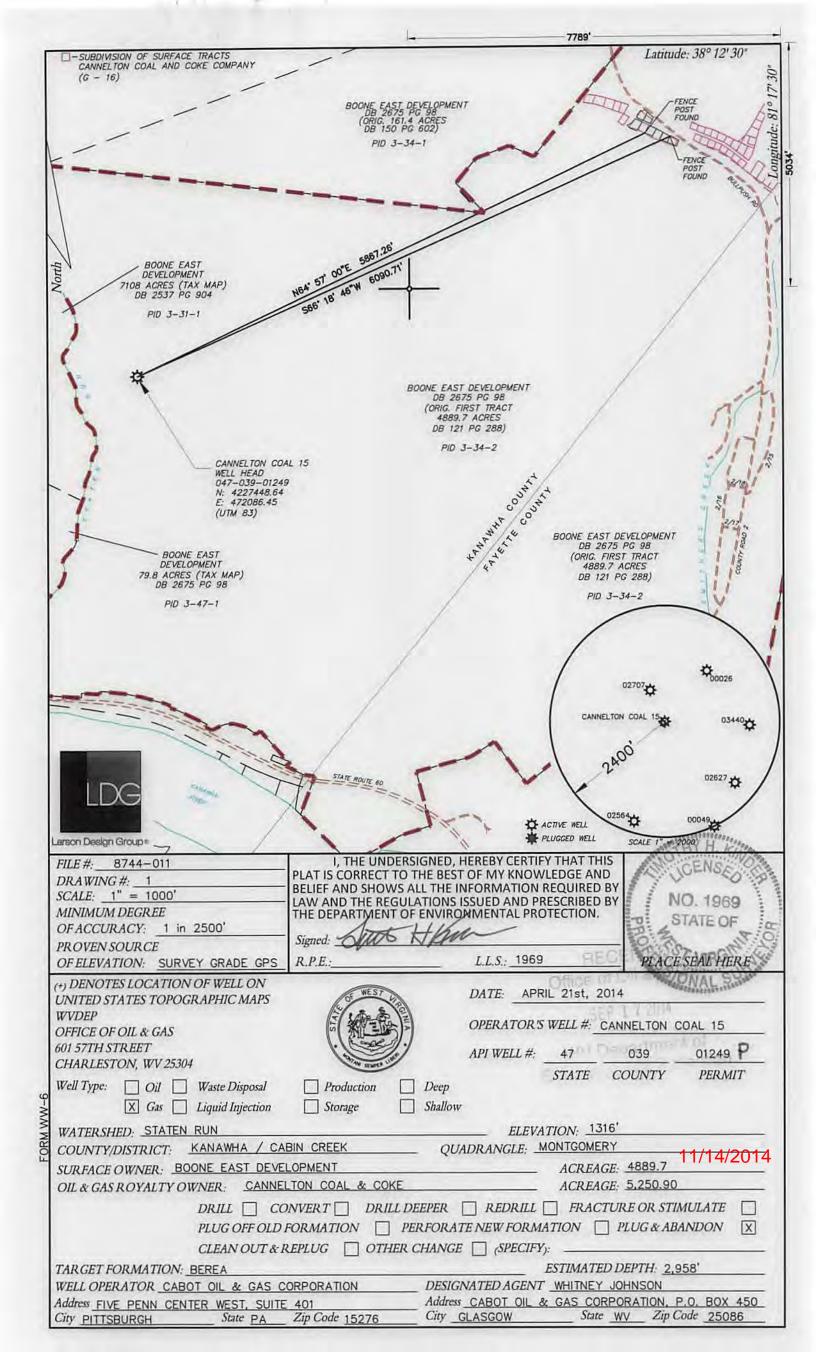


Larson Design Group .



8744-011

1 inch = 2,000 feet





September 15, 2014

Chief West Virginia Division of Environmental Protection Office of Oil & Gas 601 57th Street Charleston, WV 25304

RE: Cannelton Coal #15

Cabin Creek District, Kanawha County, WV

429 Pm

API # 47-039-01249

Written Application to plug and abandon wellbore

Dear Chief:

In accordance with Article 22-6-23 of the Code of State Regulations regarding oil and gas operations, please find attached a formal application for the plug and abandonment of the subject well.

Notices of our intention to plug this wellbore have been sent to surface owner, coal owner, and coal operators associated with this well. Copies of the certified mail receipts are attached for your records.

If you have any questions or need additional information, I can be reached at 412-249-3850.

Sincerely,

Kenneth L. Marcum Regulatory Supervisor Dilice of T 2014

Min prostitution of