



#### 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 Joe Manchin III, Governor Stephanie R. Timmermeyer, Cabinet Secretary www.wvdep.org

January 10, 2006

#### FINAL INSPECTION REPORT

#### WELL PERMIT RELEASED

COLUMBIA NATURAL RESOURCES, LLC,

The FINAL INSPECTION REPORT for the permit, API Well Number: 47-702247, issued to COLUMBIA NATURAL RESOURCES, LLC, and listed below has been received in this office, and reclamation requirements approved. The well designated by the permit number below has been released under reclamation and will remain under your bond.

JAMES MARTIN

Chief,

Office of Oil and Gas

Operator: COLUMBIA NATURAL RESOURCES, LLC

Operator's Well No: 624718

Farm Name: CARR, RUTH

**API Well Number: 47-702247** 

Date Issued: 07/02/2001 Date Released: 01/10/2005

Promoting a healthy environment.

IR-26			KMII SUMMAR			100.
DATE STARTED/LOC DRILLING COMMEN TD DATE:	CATION: 7 - 16-01	API# 7	- 0 2247	WELL	NO. 624718	Carr
DRILLING COMMEN	ICED:	OPERATO	R: Columbi	a Natural	Kesources	
TO DATE:	DEPTH:	FARM:	Ruth R. C	crr		
TD DATE: WATER DEPTHS 1. IS THE OPERATO			COAL DEPTHS			
1 IS THE OPERATO	R KEEPING DETAILE	D DRILLING	AND CEMENT	RECORDS: Y	/ES [X] NO [ ]	(6 PTS)
DAN	FFFT OF	" PIPE ON	CE	MENT WITH	SKS (0	CIR.) YES[] NO []
DAN	FEET OF	" PIPE ON	CE	MENT WITH	SKS (	CIR.) YES[ ] NO [ ]
DAN	FEET OF	" PIPE ON	CE	EMENT WITH	SKS (	CIR.) YES[] NO []
RAN	FEET OF	" PIPE ON	CE	EMENT WITH	SKS (	CIR.) YES[] NO []
RAN	FEET OF	" PIPE ON	CE	EMENT WITH	SKS (	CIR.) YES[ ] NO [ ]
RAN	FEET OF	" PIPE ON	CI	EMENT WITH	SKS (	CIR.) YES[] NO[]
RAN	TE: TYPE		(LAND, DIS	POSAL WELL	, RE-USE, EFC.)	DI#
A CDEC DISCHARGE DA	:TE 111E	T VOLUME:	PIT	ADDITIVES	Offic	ECEIVED
ACKES DISCHARGE	ор:т. .u Бе	mg/1 Cl	mg/l D.O.	mg/l TO	OCmg/l <sup>//C</sup>	e of Oil & Gas
1. IS THE OPERATO  RAN  RAN  RAN  RAN  RAN  RAN  PIT DISCHARGE DA  ACRES DISCHARGE FIELD ANALYSIS: p	nrc	mg/1 U			l JU	N 10 2000
OF THE CASE OF THE CASE OF THE	HIS REPORT ARE IN A 35CSR 4-12.1 AND 35	CCORDANC	E OF WV CODE	22-6-30		' ' 3 2003
QUESTIONS FOR IT	25 CCD 4 12 1 AND 35	CSR-4-16 AN	D THE GENERA	L WATER PO	LLUTION CONTR	JODANERMIT.
AND REGULATION	33CSR 4-12.1 AND 33	C31C-4-10 7111	D IIID GENERAL		ETIVITONN	nental Protection
	GIVE PROPER NOTIC	E TO INSPEC	TOR REFORE TI	HE FOLLOWI	NG:	91000001
2. DID OPERATOR C	JIVE PROPER NOTICE	E TO MSI LO	RILLING YES	4NO[](2 PTS	S)	•
A. CONSTRUCTION	YES M NO [] (2 PTS)	D. D. PI	T DISCHARGE	YES 64-NO[]	(2 PTS)	
C. PIT TREATMENT	TES M NO[](2115) TS YES M NO[](2 PT YES M NO[](2 PTS)	3) D.11	POINTS A	VAILABLE FO	OR QUESTION 2:	(10 PTS) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
E. RECLAMATION	YES MINO[](2PIS)		10111011		•	
OPED 45	non IIAVE DEDMIT C	M CITES VES	MNOII			(4 PTS) <u> </u>
3. DID THE OPERAT	ΓOR HAVE PERMIT C	M SITE: TES	Muo[]			•
· · · · · · · · · · · · · · · · · · ·	R CUT, STACKED, A	H HZH GR	SED FOR SEDIM	IENT BARRIE	RS BEFORE	š.,
4. WAS THE TIMBE	R CUI, SIACKED, A	I IROSII O	0 <u>10</u> 1 011 011 =			(4 PTS) <u>4</u>
DIRT WORK STA	ARTED? YES X NO [	J				
	TION AND/OR ROAD	DANKS BEIN	G SLOPED? YES	ki no [ ]		(4 PTS) 4
c were with told	OWING SEDIMENT (	CONTROL ST	RUCTURES PRO	PERLY INST	ALLED/MAINTAI	NED?
6. WERE THE FULL		rs) B	CROSS DRAIN	S YES M N	O[](3 PTS)	
A. ROAD DITCHES	YES M NO [] (3PTS)	5) D	CREEK CROSS	INGS YES X	NO [ ](3PTS)	
C. CULVERIS	YES [X] NO [ ] (3+13) CHES YES [4] NO [ ] (3	U (2TG)				- 4
E. DIVERSION DITO	CHES YES KINO[](-	1 (2DTC)	POINTS	SAVAILABLI	E FOR QUESTION	N 6: (21 PTS) <u> a (</u>
G. TEMPORARY SE	EEDING YES MY NO [	] (31 13)	101111		•	_
(T	TO A NEW TOTAL OT OAK	ED DII ED9 V	ES DA NO [ ]			(2 PTS)
7. HAS TOP SOIL (I	F ANY) BEEN STOCK	ED FILED: I	LOMINO[]			•
	AKE IN THE PROPER	CDOT IN AC	CORDANCE WI	TH 35CSR4-9.	2.c	_
8. IS THE WELL ST	AKE IN THE PROPER	( SLOT III VC	COMDITIOE III	111 55 5511 7 1		(3 PTS)
AFTER CONSTR	UCTION? YES [X) NO	[]				`
	amprar Diomail I FD A	NID MAINTA	NED? VESIVIN	101		(6 PTS)
9. IS THE PIT PROP	PERLY INSTALLED A	ND MAINTA.	INLD: IES MI	.0[]		,
	AND SITE BEING PR	ODEDI V MAI	NITAINED TO P	REVENT SPIL	LS? YES [ NO [	] (3PTS) <u> </u>
10. IS EQUIPMENT	AND SITE BEING PR	OPEKLI MAI	INTAINED TO T			
	BEING PROPERLY O	DED ATED TO	A Z MI ATMITA IN SA	FE CONDITIO	NS? YESM NOI	(3PTS) <u>3</u>
11. IS EQUIPMENT	BEING PROPERLY O	PERATED IC	) MAINTAIN OF	I B COI (BIII)		,
	T A CATION DRODE	DIVDECLAI	MED? VES M NO	011		
14. WAS ROAD AN	D LOCATION PROPE	KLI KECLAI	B. LOCATION	J YES[∡] N	O[] (2PTS)	
	YES [X] NO [ ] (2PTS)		D. PIPELINES			
C. PITS YES [4	4NO[](2PTS)		E GATES & F	ENCES YES	a NO [ ] (2PTS)	
E. TANK DIKES Y	YES M NO [] (2PTS)	`	TI ADEOUAT	E SEEDING M	IATERIALS YES [	() NO [ ] (2PTS)
G. API INSTALLEL	YES [] NO [A] (2PTS	) 		AVAILABLE	FOR QUESTION	14: (18 PTS) 18
I. WAS SEED BED	ADEQUATE YES [A]	NO[](2F13)				
	. TOUT OOL ON ETEN	WITTIINI.	POINTS	SAVAILABLI	E FOR OUESTION	N 15: (15 PTS)
15. WAS RECLAMA	ATION COMPLETED (ES[] NO [X]_8 PTS; 4	MTHE OF TO	VESTINO E/13	PTS.: 2 MTHS	OF TO YES[]NO	0 🖟 4 PTS.
6 MTHS OF TD Y	(ES[]NO[X_8 P15; 4	MITHS OF ID	, TP0 [] 140 [VZ			
		$^{\vee}$	<b>,</b> (	TOT	AL RECLAMATION	on score: <u>&amp; d</u>
1 10-67	P	. W (L)	m. 1			
<u>6-10-03</u>		A INICOE	CTOR			
DATE RELEAS	ED	O HADE E	0101			

DRILLED WELL TO 350' 4 SET 20" CASING NOTHING ELSE DONE

## STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION SECTION OF OIL AND GAS

#### AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: LOCATION:	Cam Elevation: District: Latitude: Longitude:		Feet Feet	Quadra South	angle of	∋ : 38	Gassaway County Deg.	/ y: B 42	624718 Fraxton Min. Min.	30	Sec.	
Well Type:	OIL	GAS	XX									
	olumbia Natural Resourc 1, Box 107-10	es L.L.C.	c	oal O	pera	tor	No Re	cord De	eclaration			
<u>Bu</u>	ckhannon, WV 26201										···	
Agent: Ca	nd Starr		c	oal O	wner	:	Ruth (	Carr 2,Box 8	R Offic	ECI ie of	EIVED Oil & Gas	<b>:</b>
Permit Issu	ed: June 15,2001						Frame	town, V	v D	EC 1	<del>2 700</del> 5	
CE188 OF 148	C		AFFII	TIVAC							2000	
County of	ST VIRGINIA,  Braxton	ss:							WV [	Depa	artment o	f
councy of _				<b>.</b> 7		_		E	nvironr	nent	al Protection	tion
first duly	Rick Whitehair sworn acco	rding	to la				Rusty Robin	nson av t	hat t	hey	are	
experienced	in the work	of pl	ugging	and	fil	lino	oil	and		-		
	ed by the abo											
	gging and fil										_ Oil	
	pector repre											
commenced o	n the 17th	day	of .	<i>-</i>	May			2005	, ai	nd	that	
	s plugged and	rilled ROM	i in ti TO		DE R			<b>:</b> :	LEI	יחיב		
TYP		ROM	10			one	VED	i	21'- 36" c		or	
		260	surface			one			260' - 2			
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	the work of	pluggin	ng and	fill	ing s	said	well	was	comp.	lete	d on	
the 17th	day of	Мау	_ ' _20	05	•		. 1		)	1	7	
And further	deponents sa	ith not	Ξ.	Pack	Wh	lu	hans	Du	otes	ole	mon	
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Sworn and s	ubscribe befo	ore me t	his _	7th	day(	of	No	vembe	r ,	<b>/</b> 300	05	
My commissi	on expires:	Dec 9	7 201	12	2	] _Q_	lsie		<u> Public</u>	<u> </u>	y _	
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	Oil a	nd Gas	ınspec	cor:		<i>oro</i>	NUEX	Deep				

# State of West Virginia Division of Environmental Protection Section of Oil and Gas Discharge Monitoring Report Oil and Gas General Permit

Date Report Completed

02 / 25 / 02

Company Name: Columbia Natural Resources, Inc. API 47-007-02247 County: Braxton District: Otter Farm Name: Ruth R. Carr Well No. 624718 Discharge Date/s From: (MMDDYY) 01 / 02 / 02 To: (MMDDYY) 01 / 02 / 02 **Discharge Times:** 10:00a.m. To: 2:00p.m. Disposal Option Utilized: UIC (2): Permit No. PIT DISCHARGED BY J.W. PIT WELL SERVICING, INC Centralized Facility (5): Permit No. Reuse (4): Alternate Permit No. Offsite Disposal (3) Site Location: Land Application (1) X (Include a topographical map of the Area.) Other Method (6) (Include an explanation) Follow Instructions below to determine your treatment category. Optional Pretreatment test: 5,000 CI-ma/i 6 DO Mg/l 1. Do you have permission to use expedited treatment from the Director or his representative? (Y/N) Ν If yes who? \_ \_\_\_\_\_ and place a four (4) on line 7. If not go to line 2. 2. Was Frac Fluid or Flowback put into the pit? (Y/N) Y If yes go to line 5 if not go to line 3. 3. Do you have a chloride value pretreatment (see above)? (Y/N) If yes go to line 4 if not go to line 5. 4. Is that chloride level less than 5000 mg/l? (Y/N) If yes then enter a one (1) on line 7. 5. Do you have a pretreatment value for DO? (see above) (Y/N) Υ If yes then go to line6 if not enter a three (3) on line 7. 6. Is that DO greater than 2.5 mg/l? (Y/N) Υ If yes then enter a two (2) on line 7 if not enter a three (3) on line 7. 7. **2** is the category of your pit. Use the Appropriate section. Office of Oil & Gas Office of Chief Name of Principle Exec. Officer NOV 1 2 2004 Title of Officer MA Debatment of Environmental Projection Date Completed: I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Signature of a Principle Exe. Officer Authorized agent

Signature

Parameter		Predischarge Limit Reported		Discharge Limits Reported	Units
рН	6-10		6-10		S.U.
Settling Time	5		N/A	N/A	Days
Fe	6		6		mg/l
D.O.	2.5		2.5		mg/l
Settleable Sol	5		.5		mg/l
CI	5000		5000		mg/l
Oil	Trace		Trace		Obs.
TOC			Monitor		mg/l
Oil and Greas	е		Monitor		mg/l
AI***			Monitor		mg/l
TSS			Monitor		mg/l
Mn	Monitor		Monitor		mg/l
Volume			Monitor		Gals
Flow			Monitor		Gals
Disposal Area			Monitor		Acres

<sup>\*\*\*</sup>Al is only reported if the pH is above 9.0

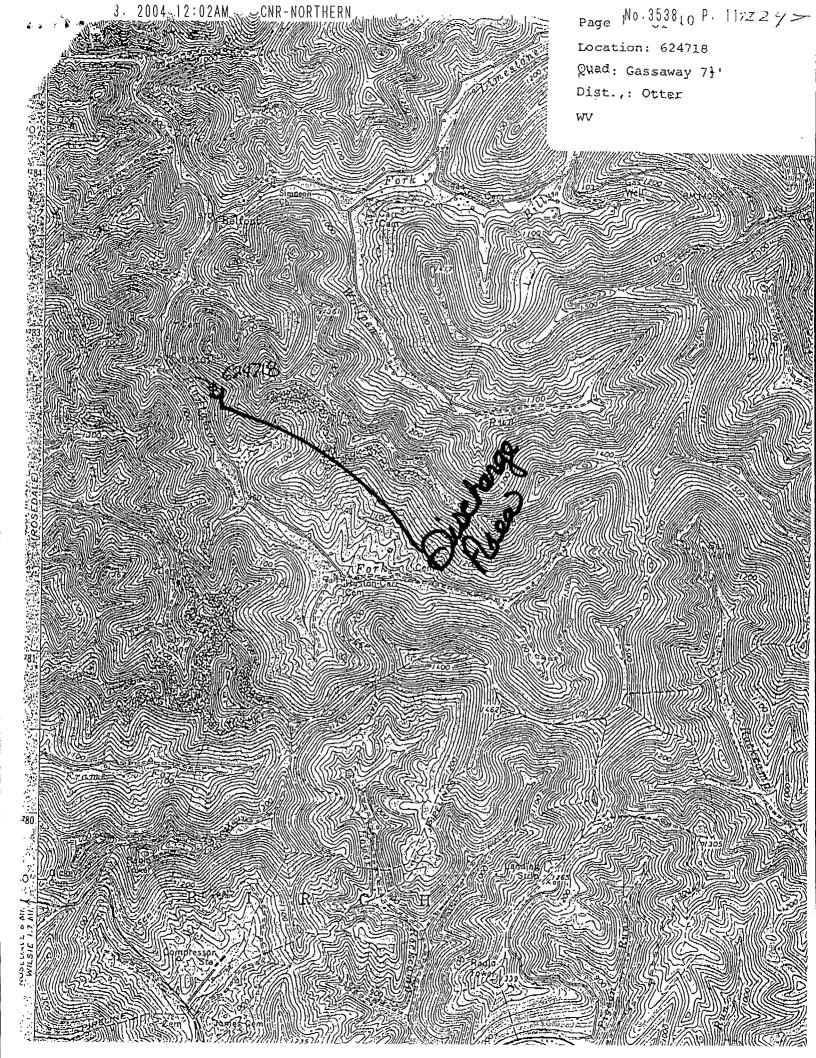
#### Catagory 2 Sampling Results API NO <u>47-007-02247</u>

Parameter		Predischarge Limit Reported		Discharge Limits Reported	I	Units
pН	6-10	7	6-10	<u>7</u>		S.U.
Settling Time	10	<u>10</u>	N/A	N/A		Days
Fe	6	<u>1</u>	6	.23		mg/l
D.O.	2.5	<u>6</u>	2.5	<u>6</u>		mg/l
Settleable So	ol5	<u>.1</u>	.5	ND		mg/l
CI*	12,500	5,000	12,500	2,854		mg/l
Oil	Trace	NONE	Trace	NONE		Obs.
TOC**			Monitor	N/A		mg/l
Oil and Great	se		Monitor	<u>1.8</u>		mg/l
AI***			Monitor	N/A		mg/l
TSS			Monitor	N/A		mg/l
Mn	Monitor	<u>800.</u>	Monitor	<u>.008</u>		mg/l
Volume			Monitor	23,842		Gals
Flow			Monitor	<u>99</u>		Gals/min.
Disposal Area	<b>a</b>		Monitor	<u>1.5</u>		Acres
*Can Be 25,0	00 with inspector	s approval,	-0005.0		_Date:	

<sup>\*</sup>Can Be 25,000 with inspectors approval,

\*\*Include a description of your aeration technique. =CODE 3

\*\*\*Al is only reported if the pH is above 9.0





Office of Oil and Gas 1356 Hansford Street Charleston, WV 25301 Phone: (304) 558-6075 Phone: (304) 558-6076 Fax: (304) 558-6047

### West Virginia Department of Environmental Protection

Bob Wise, Governor Michael O. Callaghan Secretary

July 02, 2001

#### WELL WORK PERMIT

#### **New Well**

This permit, API Well Number: 47-702247, issued to COLUMBIA NATURAL RESOURCES, INC., 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 1-800-654-3312 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may results in civil and/or criminal penalties being imposed upon the operators.

This permit will expire in two (2) years from the issue date.

If there are any questions, please feel free to contact me or Mr. Al Blankenship at 304-558-6342.

Office of Oil and Gas

Operator's Well No: 624718

Farm Name: CARR, RUTH

API Well Number: 47-702247

Permit Type: New Well Date Issued: 07/02/2001

## STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION

007-02247

1) Well O	perator: Columb	oia Natural F	Resources, Ir	nc., 7, 3,	, 360	
	or's Well Number:				A) T1	on: <u>1035'</u>
4) Well ty	pe: (a) Oil _	/	or Gas	<u> </u>		
	(b) If Gas	: Production	n 🔼 / U	Jnderground Stora	age /	
		Deel	p <u> </u>	Shall	ow /	
5) Propose	ed Target Formation	on(s): Oriska	any, Newburg, Tu	scarora, Martinsburg,	Trenton, Black River, E	Beekmantown, Rose Run
	•	Сорре	er Ridge			RECEIVED
6) Propose	ed Total Depth: _	14,000	feet		0	office of Oil & Gas Permitting
7) Approx	imate fresh water	strata depths:	250			
8) Approx	imate salt water d	epths: 1,56	00'		J	UN 2 9 2001
9) Approx	imate coal seam d	epths: N/A	1		Enviro	V Department of Protection
10) Does la	nd contain coal se	ams tributary	to active min	e? Yes	/ No xx	TOO COLOT
11) Propose	ed Well Work:	Drill and Stir	nulate New \	Well		
12)		CAS	ING AND TU	JBING PROGRA	<u>M</u>	
TYPE	SPI	ECIFICATIO	NS	FOOTAGE :	INTERVALS	CEMENT
	Size	Grade	Weight	For	Left in	Fill-Up
	Size	Grade	Per ft.	Drilling	Well	(cu. Ft.)
Surface Pipe	20"	L.S.		250'	250'	250
Intermediate 1	st 13-3/8"	J-55	61#	1,650'	1,650'	1,500
Intermediate 2	nd 9-5/8"	L-80	40#	6,450'	6,450'	160
Intermediate 3	rd 7"	M-95	23#	9,800'	9,800'	500
Production	4-1/2"	L-80	13.5#	(as needed)	(as needed)	CD 6-38-01
Tubing	2-3/8"	N-80	4.7#	(as needed)	(as needed)	
Liners						
DACKEDS.	Vind None	<u> </u>		•		
PACKERS:	Kind None Sizes					
	Depths set	·		Art As-Marrin		44,700 - 170
		For	Division of O	il and Gas Use On	ılv	
Fee(s) paid	l:	Well Wor		<del></del>	clamation Fund	WPCP
Plat	☐ WW-9		W-2B	Bond _		Agent
					(Type)	

07-02-01 A08:42 OUT

165mg

### State of West Virginia Department of Environmental Protection

### **OIL AND GAS CONSERVATION COMMISSION**

1356 Hansford Street Charleston, West Virginia 25301 Telephone: 558-6076 Fax: (304)558-6047

Barry K. Lay, Chairman Michael W. Sinicropi, Member Denny P. Harton, Member John H. Johnston, Ex-Officio Michael O. Callaghan, Ex-Officio Bob Wise, Governor

July 2, 2001

Department of Environmental Protection Office of Oil and Gas Charleston, West Virginia 25301

Re: Application for Deep Well - Permit #47-007-02247

COMPANY: Columbia Natural Resources, Inc.

FARM: Ruth Carr #624718

COUNTY: Braxton DISTRICT: Otter QUAD: Gassaway

The application for the above company is Approved for Copper Ridge.

Applicant has complied with the provisions of Chapter 22C-9, of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

- Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owner; yes
- 2.) Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of the deep well, well name, and the name and address of operator and; none
- 3.) Provided a plat showing that the proposed location is a distance of 400 feet from the nearest unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,

Program Manager

Page 1 of	10
Form WW	2-A (6/94)
Surface Ov	vner Copy

1) Date: June 15, 2001

2) Operator's Well Number 624718 3) API Well No: 47 - 007 - 02247 State - County - Permit

### STATE OF WEST VIRGINIA – BUREAU OF ENVIRONMENT DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL & GAS

		NOTICE AN	D APPLICATION	FOR A W	ELL WORK PERMIT	
4)	Surface Own	er(s) to be served:		5) (a) (	Coal Operator:	
.,	(a) Name			, , ,	NO RECORD DECLARATION	
	Address			Address		
		Frametown, WV 26623	THE PARTY OF THE P			
	(b) Name		Office of Office	(b) Coal	Owner Ruth Carr	
	Address		Grantino das	Address	Route 2, Box 88	
			7 5 0004	L	Frametown, WV 26623	
	(c) Name		20 2 3 200	Name _		
	Address		WV Department of	Address		
			Environmental Protection			
6)	Inspector	Craig Duckworth	1.00001	(c) Coar i	Lessee with Declaration	
	Address	Box 107, Davisson Rou	te	Name _	NO RECORD DECLARATION	
		Gassaway, WV 26624		Address		
	Telephone	(304) 626-0789				
the ser	the Right Included Code of V I certify ved copies throught Exx Co	is the lease or to extract oil is the informate west Virginia (so that as require of this notice agh 10 on the ersonal Service (Alertified Mail (Possiblication (Notice)	r leases or other and gas <u>OR</u> tion required by ee page 2) ed under Chapter and application, a above named partification attended of Publication att	continuin Chapter 2 22 of th location ties, by: eipt attack	·	(d) of have
ser acti rec	rk. (Note: wed on you ually occup eive these m	ll operator named If the surface tra because your nam y the surface tra	(Continued below is applying let is owned by moment appeared on the ct. In either case	on Reverse for a per ore than t e Sheriff' e, you ma	RS NAMED ABOVE  mit from the State to do or three persons, then these is tax ticket on the land or y be the only owner who is Code. Well work permi	materials were or because you or will actually
24	months.		W-11 O	motom Col	umbio Natural Passurass Inc	
			- /		umbia Natural Resources, Inc	<u></u>
			By:(_ Its: Re	egion Mana	oger	
			Address:		Box 107-10	
			Address:		non, West Virginia 26201	
			Talanhan	e (304) 4		· · ·
ر الماري	coribed and ar	yorn before me this	28 <sup>th</sup> day of June	C (304) 2	712-7100	, 2001
		Jelsie )	m. Cox			,
wy	commission e	xpires <u>December 9,</u>	, 2002		in the second	

#### Instructions to Surface Owners (cont.)

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.

OR

#### NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

#### WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas Division of Environmental Protection #10 McJunkin Road Nitro, West Virginia 25143

Signature

(304) 759-0514

District Oil and Gas Inspector
(Name and address listed on obverse side

of this notice)

<u>Time limits and methods for filing comments.</u> The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN** (15) **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 (if you have a telephone), the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons;
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;

Date

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.

<u>List of Water testing Laboratories</u>. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

T OF NO OBJECTION
surface owners and that I have received copies of a m WW-2A, and attachments consisting of pages I, a survey plat, and a soil and erosion plan, all forein.  ed work described in these materials, and I have no ls.
(For execution by corporation, etc.)
Name

Page 2 of 10
Operator's Well No. 624718

#### INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22B, Article 1, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that --

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

GRANTOR, LESSOR, ETC.	GRANTEE, LESSEE, ETC.	<b>ROYALTY</b>	<b>BOOK</b>	/ PAGE
Ruth Carr, et al	Columbia Natural Resources, Inc.	1/8	492	506
G. Monique Butcher, single	Columbia Natural Resources, Inc.	1/8	502	284
John T. Dulaney, single	Columbia Natural Resources, Inc.	1/8	502	286
Brian H. Dulaney & Peggy E. Dulaney, husband & wife	Columbia Natural Resources, Inc.	1/8	502	282
Harvey Given, single	Columbia Natural Resources, Inc.	1/8	502	224
Elizabeth A.Foret & E. Stephen Foret	Columbia Natural Resources, Inc.	1/8	502	295
Margaret Clise, single	Columbia Natural Resources, Inc.	1/8	502	226

RECEIVED
Office of Oil & Gas
Permitting

JUN 2 9 2001

WV Department of
Environmental Protection

Well	Operator	Columbia	Natural	Resources, Inc.
By:	Calo	Ster		
Its	Region	Manager		

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

661-02247

#### NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples.

XX	Contractor Name Well operator's priva	RECEIVED Office of Oil & Gas Permitting	
	Well Operator _	Columbia Natural Resources	JUN 2 9 2001
	Address _ —	Route 1, Box 107-10 Buckhannon, WV 26201	WV Department of Environmental Protection
	Telephone _	(304) 472-4103	

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underlining which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

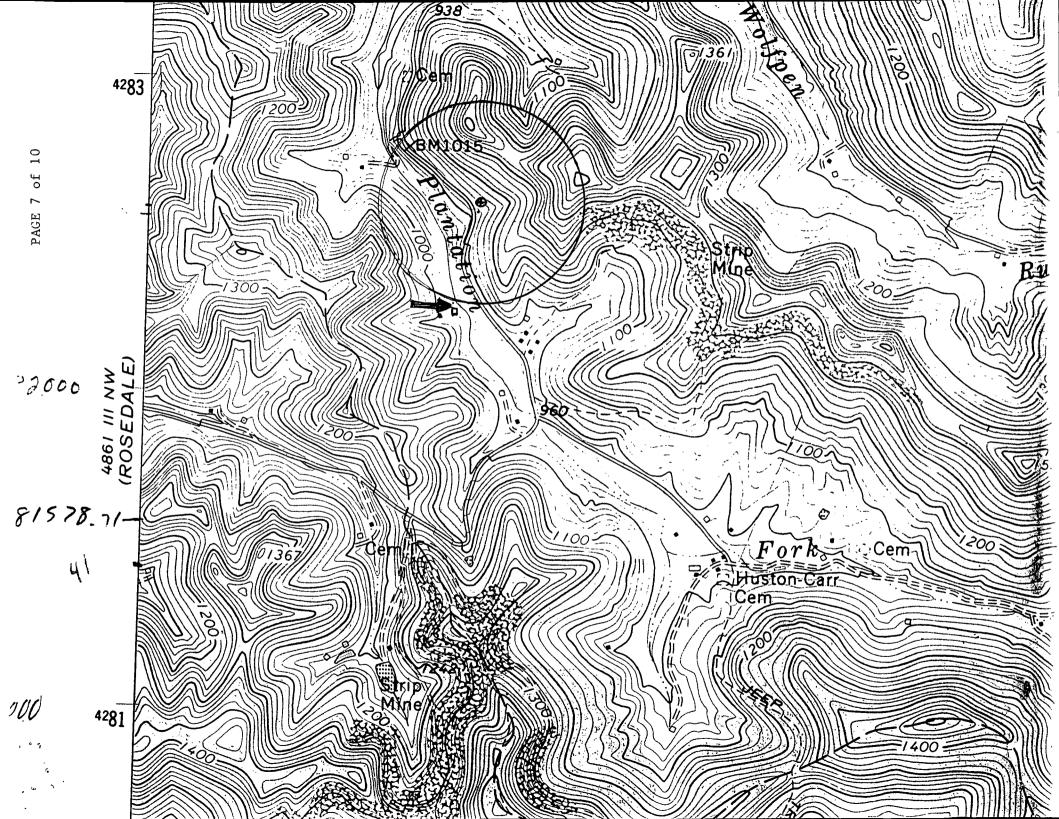
## Water Samples

### Well Number 624718

061-02247

Site	#1	
JILL	****	

Name	Carl Ray Carr	Approx. Distance from Gas Well	1000'
Address	Rt 2 Box 88	Approximate Elevation	940'
	Frametown WV26623	Depth of water well	40'
Telephone	364-4429	Other	
Comments			
Site #2			RECEIVED Office of Oil & Gas Permitting
Name		Distance from Gas Well	Permitting
Address		Approximate Elevation	JUN 2 9 2001
		Depth of water well	
Telephone		Other Fn	WV Department of vironmental Protection
Comments			- Totodion
Site #3			
Name		Distance from Gas Well	
Address		Approximate Elevation	
		Depth of water well	
Telephone		Other	
Comments			,
Site #4			
Name		Distance from Gas Well	
Address		Approximate Elevation	
		Depth of water well	
Telephone		Other	
Comments			



FORM WW-9 REV. 10/94

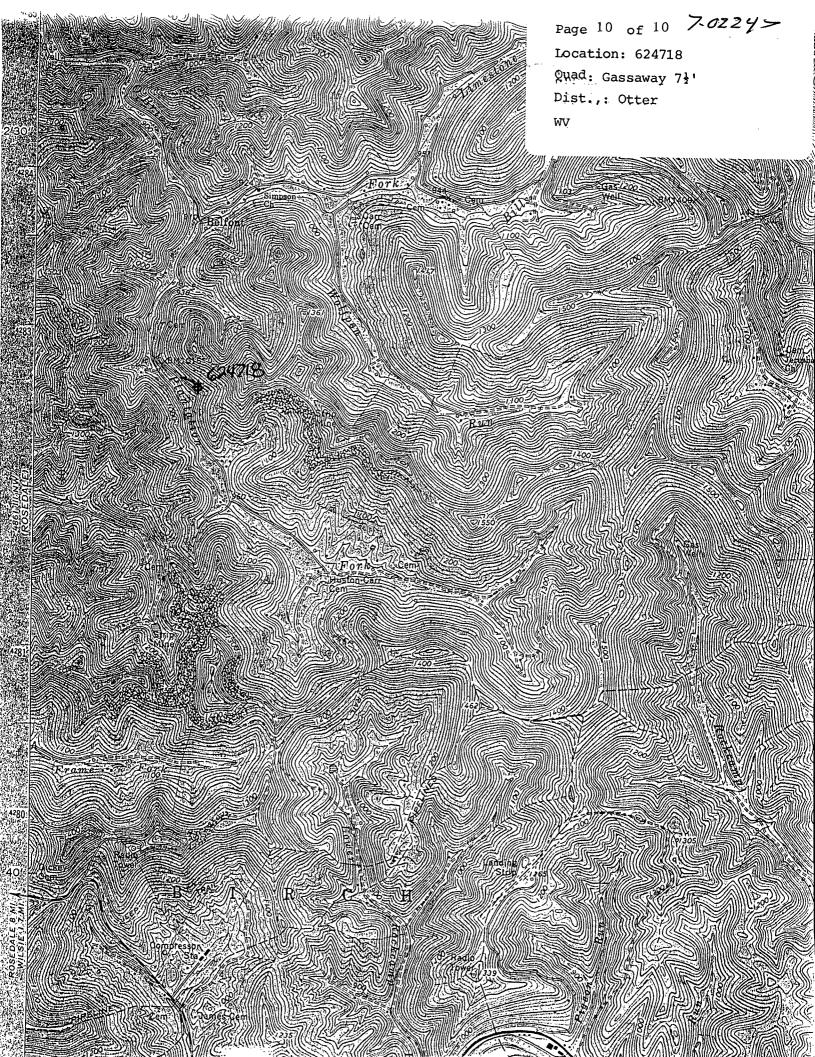
Page	8	of	10	
API Number 47 -	007	-02	24	ラ
Operator's Well No.		62471		_

#### STATE OF WEST VIRGINIA

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Colum			OP CODE	10460
Watershed Plantation		_ ` ~	Gassaway	
Elevation 1035'		Braxton	District Otter	
Description of anticipated			<del></del>	
Will a synthetic liner be u Proposed Disposal Metho		<del> </del>		
4 4	Land Application	•		
	Underground Injection (U	IIC Permit Numb	ner	)
	Reuse (at API Number	ore reminer traine		
	Off Site Disposal (Supply	v form WW-9 for	disposal location	)
	Other (Explain	, 101111 ,, ,, , , 101	and pooms so the second	,
Proposed Work For Which	`	- 1 d - 400		RECEIVED Office of Oil & Gas
±	Drilling		Swabbing	Permitting
	Workover		Plugging	
	Other (Explain		<u>.</u>	JUN 2 9 2001 )
				MA/ Departure 4
				WV Department of Environmental Protection
POLLUTION PERMIT is Environmental Protection any term or condition of the International Internationa	ssued on June 14, 1994, In. I understand that the pathe general permit and/or senalty of law that I have tion form and all attachme for obtaining the information that there are significant risonment.  Sure Carl F. Starr	by the Office of C rovisions of the p applicable law or e personally exan ents thereto and the nation, I believe nt penalties for s	Dil and Gas of the permit are enforce regulation can le nined and am far hat, based on my that the informa	the GENERAL WATER we west Virginia Division of eable by law. Violations of ad to enforcement action.  miliar with the information inquiry of those individuals ation is true, accurate, and information, including the
Subscribed and sworn be	fore me this 28th	day of	Jui	ne 2001 Notary Public
My commission expires:	December 9, 2002	/		

Property Boundary	▼ Diversion //////////////			
Road =========	Spring -			
Existing Fence —X——X——X——X——	Wet Spot			
Planned Fence —/—/—/—/—	Drain pipe with size in inches ————————————————————————————————————			
Stream Stream	Waterway			
Open Ditch	··· Cross Drain			
Rock 8000	Artificial Filter Strip XXXXXXXXXX			
North N	Pit: cut walls			
Buildings	Pit: Compacted fill walls			
Water wells W	Area for Land Application of Pit Waste			
Drill site $\bigoplus$	(स्टिन्स्ट्रिक्ट्			
Proposed Revegetation Treatment: Acres Disturbed	Prevegetation pH			
Lime as determined by pH test Tons/acre or to correct pH 6.5				
	*			
	Lbs/acre (500 lbs minimum)			
Fertilizer (10-20-20 or equivalent)	-			
Fertilizer (10-20-20 or equivalent)  Mulch hay or straw	Lbs/acre (500 lbs minimum)  Tons/acre			
Fertilizer (10-20-20 or equivalent)  Mulch hay or straw	Lbs/acre (500 lbs minimum)			
Fertilizer (10-20-20 or equivalent)  Mulch hay or straw  Sec	Lbs/acre (500 lbs minimum)  Tons/acre  ad Mixtures			
Fertilizer (10-20-20 or equivalent)  Mulch hay or straw  Sec	Lbs/acre (500 lbs minimum)  Tons/acre  d Mixtures  Area II			
Fertilizer (10-20-20 or equivalent)  Mulch hay or straw  See Area I  Seed Type lbs/acre	Lbs/acre (500 lbs minimum)  Tons/acre  Area II  Seed Type  lbs/acre			
Fertilizer (10-20-20 or equivalent)  Mulch hay or straw  See Area I  Seed Type lbs/acre  Orchardgrass 30	Lbs/acre (500 lbs minimum)  Tons/acre  Area II  Seed Type lbs/acre  Orchardgrass 30			
Fertilizer (10-20-20 or equivalent)  Mulch hay or straw  See Area I  Seed Type lbs/acre  Orchardgrass 30	Lbs/acre (500 lbs minimum)  Tons/acre  Area II  Seed Type lbs/acre  Orchardgrass 30			
Fertilizer (10-20-20 or equivalent)  Mulch hay or straw  See Area I  Seed Type lbs/acre  Orchardgrass 30	Lbs/acre (500 lbs minimum)  Tons/acre  Area II  Seed Type   lbs/acre  Orchardgrass   30  Birdsfoot Trefoil   20			
Fertilizer (10-20-20 or equivalent)  Mulch hay or straw  See Area I  Seed Type   lbs/acre  Orchardgrass   30  Birdsfoot Trefoil   20	Tons/acre  Area II  Seed Type   Ibs/acre  Orchardgrass   30  Birdsfoot Trefoil   20  For land application.			
Fertilizer (10-20-20 or equivalent)  Mulch hay or straw  See Area I  Seed Type lbs/acre  Orchardgrass 30  Birdsfoot Trefoil 20  Attach: Drawing(s) of road, location, pit and proposed area  Photocopied section of involved 7.5' topographic sh	Tons/acre  Area II  Seed Type   Ibs/acre  Orchardgrass   30  Birdsfoot Trefoil   20  For land application.			
Fertilizer (10-20-20 or equivalent)  Mulch hay or straw  See Area I  Seed Type lbs/acre  Orchardgrass 30  Birdsfoot Trefoil 20  Attach: Drawing(s) of road, location, pit and proposed area	Tons/acre  Area II  Seed Type   Ibs/acre  Orchardgrass   30  Birdsfoot Trefoil   20  For land application.			

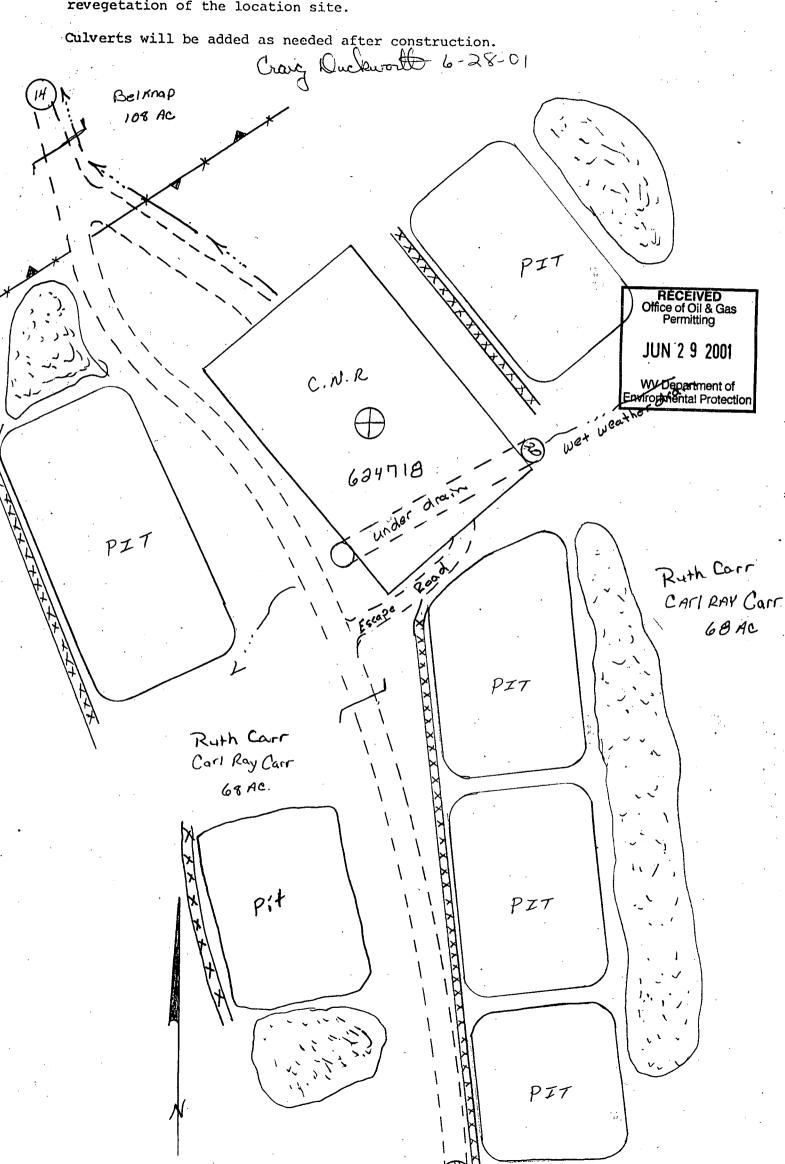


7-02247

Location and access road are located in woods.

The drainage ditch lines will be cut as shown for adequate drainage control.

Topsoil will be stockpiled for use in the reclamation and revegetation of the location site.



Page 1 of 10 Form WW2-A (6/94) Coal Copy 1) Date: <u>June 15, 2001</u>

2) Operator's Well Number 624718

3) API Well No: 47 - 007 - 02247 State - County - Permit

## STATE OF WEST VIRGINIA – BUREAU OF ENVIRONMENT DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL & GAS

	NOTICE AND APPLICATION	I FOR A WELL WORK PERMIT
4)	Surface Owner(s) to be served:	5) (a) Coal Operator:
•,	(a) Name Ruth Carr	Name NO RECORD DECLARATION
	Address Route 2, Box 88	Address
	Frametown, WV 26623	
-	(b) Name	(b) Coal Owner Ruth Carr
	Address	Address Route 2, Box 88
_		Frametown, WV 26623
	(c) Name	Name
	Address	Address
6)	Inspector Craig Duckworth	(c) Coal Lessee with Declaration
• ,	Address Box 107, Davisson Route	Name NO RECORD DECLARATION
	Gassaway, WV 26624	Address
-	Telephone (304) <u>626-0789 (Cell Phone)</u>	
the Serv	Id the right to extract oil and gas OR  Included is the information required by Code of West Virginia (see page 2)  I certify that as required under Chapter and copies of this notice and application, set a through 10 on the above named publication and Certified Mail (Postmarked postal results)  Publication (Notice of Publication a	r 22 of the West Virginia Code I have a location plat, and accompanying documents arties, by:  RECEIVED Office of Oil & Gas Permitting
Subs	Ву:	Buckhannon, West Virginia 26201 one (304) 472-4103
	Telsie M. Cox	Notary Publ
My	commission expires December 9, 2002	

### INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

To the coal operator, owner, or lessee named above. You are hereby notified that any objection you wish to make or are required to make by Code 22-6-15, 16, or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office.

	WAIVER
has examined this proposed well location well location, the well location has been objection to the work proposed to be d	/ owner / lessee / / of the coal . If a mine map exists which covers the area of added to the mine map. The undersigned has no one at this location, provided, the well operator uirements of the West Virginia Code and the
Date:	By: Ruth Carr  Its:

## AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER RUTH CARR

#### STATE OF WEST VIRGINIA

COL	INIT	$\sim$ $^{\prime}$	∩E	1 10	201	41.1	
-	JINI			v or		11.	

	The und (1) (2) (3) (4)	dersigned, being first duly sworn, says that the undersigned served a true and complete copy of all side of-Notice on Form WW-2(A) XX/ Form WW-3(A)/ Form WW-4(A)/ Application on Form WW-2(B) XX/ Form WW-3(B)/ Form WW-4 (B)/ Plat showing the well location on Form WW-6, and Construction and Reclamation Plan on Form WW-9 (unless the application is to plug a well)all with respect to operator's Well No. 624718 located in Otter District, Braxton County, West Virginia, upon the person or organization named—
		Columbia Natural Resources
-by del pelow.	ivering t	he same in Braxton County, State of West Virginia on the 28th day of June, 2001 in the manner specified
		[COMPLETE THE APPROPRIATE SECTION]
For an i	individua [ XX] leaving	
	[ ]	Handing it to a member of his or her family above the age of 16 years named who resides as the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.
<sup>=</sup> or a pa	artnersh [ ]	Handing it to, a partner of the partnership or, because the partnership or, because the partner to take it when I handed it over, by leaving it in the presence of the partner.
For a lir	nited pa [ ]	Intrnership:  Handing it to the general partner, named, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the general partner.  JUN 2 9 2001  or, because it in the general partner refused to take it when I tried to hand it over, by leaving it in the protection general partner.
For a co	orporatio	on:  Handing it to the corporation's employee/ officer/ director/ attorney in fact/ named
		(Signature of person executing service)
Taken,	subscrit	ped and sworn before me this 28th day of June, 2001
My com	nmission	expires:December 9, 2002
		Solsie M. Cox NOTARY
		,

(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)

Page 1 of 10 Form WW2-A (6/94) Permit Copy

1) Date: June 15, 2001

2) Operator's Well Number 624718

3) API Well No: 47 - 007 - 22 -

State - County - Permit

### STATE OF WEST VIRGINIA – BUREAU OF ENVIRONMENT DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL & GAS

#### NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4)	Surface Owr	ner(s) to be served:	5) (a) Coal Operator:	
')	(a) Name	• *	Name NO RECORD DECLARATION	
		Route 2, Box 88	Address	
		Frametown, WV 26623		
•	(b) Name		(b) Coal Owner Ruth Carr	
	Address	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
			Frametown, WV 26623	
•	(c) Name			
	Address		Address	
	*******			
6)		Craig Duckworth		
	Address	Box 107, Davisson Route		
		Gassaway, WV 26624	Address	
	Telephone	(304) 626-0789		
		TO THE PERSON(S) NAM	MED ABOVE TAKE NOTICE THAT:	
the serv	d the Right Included Code of I certified copies es 1 throu	at to extract oil and gas <u>OR</u> is the information required West Virginia (see page 2)	by Chapter 22, Article 6, Section 8 (d)  upter 22 of the West Virginia Code Election, a location plat, and accompatificing of Permittion (d)  parties, by:  upter 22 of the West Virginia Code Election (d)  Permittion (d)  UN 2 9	of Leoner ts ing
	P	ublication (Notice of Publication	on attached) Wy Department	nent of
	I have	read and understand Cha	epter 22-6 and 38 CSR 11-18, and 1-2	rotection the
terr	ns and cor	number of any permit issued t	t I have personally examined and am	
41			ion form and all attachments, and be	
tne	informatio	n submitted on this applicat	esponsible for obtaining the information,	aseu on my Chaliava that
				i deffeve that
ine		n is true, accurate, and complet aware that there are signif		information
ino		aware that there are signif possibility of fine and impriso	<del>•</del>	inioimation,
IIIC.	luding the		ell Operator, Columbia Natural Resources, Inc.	
			• /) ()	
		By Its:		
		Ad	dress: Route 1, Box 107-10  Buckhannon, West Virginia 26201	
		Tal		
O .1.				, 2001
Sub	scribed and sv	worn before me this <u>28th</u> day of	June	,
		Celsie M.	lof	Notary Public
My	commission e	expires December 9, 2002		

CNR Well No. 624718 Lease No. 1215407

#### CERTIFICATE OF CONSENT AND EASEMENT

This Certificate of Consent and Easement, made and entered into this 5th day of June, 2001, by and between Ruth R. Carr, widow, (hereinafter "Grantor"), and Columbia Natural Resources, Inc., a Texas corporation (hereinafter "CNR").

That in consideration of the premises and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Grantor, being sole owner of the surface of that certain lot, tract or parcel of land located in Otter District, Braxton County, State of West Virginia, shown on the Well Location Plat, dated May 24, 2001, attached hereto and made a part hereof, hereby consent and grant an easement, pursuant to West Virginia Code, Section 22C-9-7(B)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, to CNR, its successors or assigns, for the drilling and operation of a deep well for the production of oil or gas at the location shown on the attached Well Location Plat, with ingress and egress to and from the same.

This agreement may be executed in one or more counterparts, each of which shall be deemed original, and all of which together shall constitute one and the same instrument. If for any reason, any party named herein fails to execute this contract, it shall nevertheless, be binding upon the signing parties.

DECLARATION OF CONSIDERATION OF VALUE: Grantor does hereby declare that this document is exempt from excise tax on the privilege of transferring real estate for the following reason: The value of the property transferred by this document is less than One Hundred Dollars (\$100.00).

Ruth Caro Ruth R. Carr RECLIVED JUN 2 9 2001 STATE OF WEST VIRGINIA, WV Department of Environmental Protection COUNTY OF BRAXTON, TO-WIT:  $\frac{\mathcal{M}}{\mathcal{M}}$  day of June,

Taken, subscribed and sworn to before me by the said Ruth a. Carr this \_//

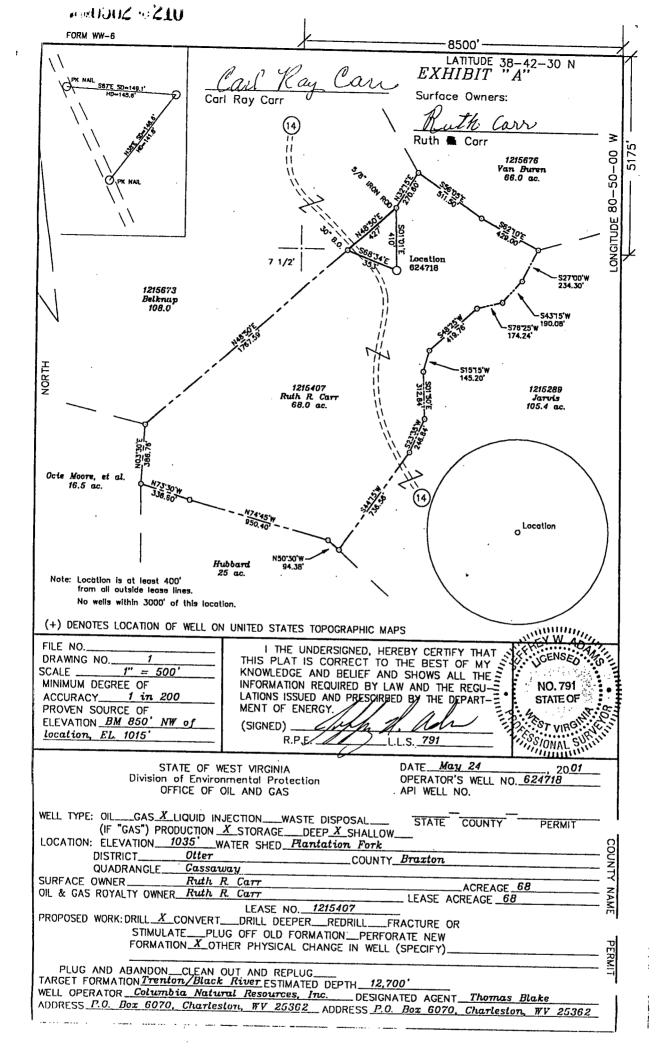
My Commission Expires September 20, 2005.

WITNESS the following signatures:

NOTARY PUBLIC **SEAL** RANDALL R. ORSBURN

2001.

This instrument prepared by and after recording return to: Columbia Natural Resources, Inc. Rt. 1 Box 107-10 Buckhannon, WV 26201



PRAKTON COUNTY, WV FILED June 11. 2001 14:54:59

JOHN D. JORDAN SOUMTY CLERK TRANS-2719Y MO: 2001003977

AGREEMENT POOP Bool: 00502 Fage: 00209

No Deep wells w/i Imi
100' + to lease line

0.01.00	
9-01-00	AFI# U /
	Operator: CNR
	Well #/Name: Reviewed By:
	Reviewed by
	· ·
	CHECK LIST FOR FILING A PERMIT
I.	New Drill
ζ.	
	WW-2B
	WW-2B signed off by inspector WW-2A
	Surface Owner Waiver C.F.
	WW-2A (1) including page and observed—we need  WW-2B (1) (If there are sources to be tested—we need  names, addresses and location on topo listed as water testing)
	names, addresses and focation on tope and
	WW-9 (page 1 and 2)  Inspector Signature on WW-9
	Reclamation Plan
	Marlar Plat
	Man of the proposed location
	Certified Mail Receipts or affidavit of personal service
	Bond
	Workers Comp/Employ. OK
	Workers Comprehensis
·II.	Re-Work, Frac and Drill Deeper Permits
	WW-2B
	WW-2B WW-2B signed off by inspector WW-2A
	WW-2A
•	Coal Owner/Lessee/Operator warver
	WW-2A (1) including book and page are 20, 1
	WW-9 (page 1 and 2)
	Reclamation Plan
	WW-2A (1) including book and page and royally person of WW-9 (page 1 and 2)  Inspector Signature on WW-9  Reclamation Plan  Mylar Plat  Topography Map of location for the well and pit  Certified Mail Receipts or affidavit of person service  Consolution (Well Records of previous work)
	Topography Map of location for the well and pit
	Certified Mail Receipts or affidavit of person service
	Completion/Well Records of previous work

A check for \$350.00 if no pit \$250.00