FILE COPY



3)	All Well 140.	State			untu	-	
3)	API Well No.	47	-	0	39	-	3986
2)	Operator's Well No.	/90 K	CS	8		(1)	FORM IV-2
1)	Date:	A	ugi	ıst	30)	, 19 83

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

				-	TILICATIO	IN FOR A W	ELE WORK I ERMI		
4) WELL TY	PE: A C	Dil V/	/ Ga	is	X		AND CONDITTO		PERMITMO
			1000			Undergroun	nd storage		
5) LOCATIO	ON: Ele	evation: _) '		Watershed:	Pigeo	proost For	
		strict:	Elk	_		County:	Kanawha	Quadrangle:	
6) WELL OF	PERATOR	000 0	Rubin	Res	ources	Inc.	7) DESIGNATE		ck Rubin
Addres	-		Bridg				Address		ridge Road
	Ch	arle	ston,	MA	25314	-		Charlest	on, WV 25314
	AS INSPEC			FIED			9) DRILLING C	ONTRACTOR:	
Name	Craig				•		Name		
Addres			ox 107			Route	Address		
	Ge	ssaw	ay, W	1 2	6624			4	
10) PROPOSI	ED WELL	WORK:	Drill	X	_/ Drill	deeper	/ Redrill	/ Stimulate_	X
			Plug of	f old	formation	/ Perf	forate new formation	X/	
			Other p	hysical		ell (specify)_	A		
11) GEOLOG	ICAL TAR	GET FOR	RMATION	,	THE RESERVE THE PERSON NAMED IN COLUMN 2 I	Shale			
	ated depth					fe	et		
13) Appro	oximate trat	a depths:	Fresh, _		499	feet; sa	alt,	feet.	
						Is	coal being mined in th	e area? Yes	/ No/
15) CASING	AND TUBI	NG PRO	GRAM						
CASING OR		SPE	CIFICATIONS		11	FOOTAG	E INTERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor	9 5/8		36	X		5001	5001	Cement to	Sunface ByRule
Fresh water	11								- Wykure
Coal									Sizes
Intermediate	711		23	X		18601	18601	40 sks.	GIECS
Production	113811		10.5	X		Mr001	Mr00,	100 sks.	Depths set OK AS REC
Tubing	14-5				T V	300 420	711770		Du Aute
Liners									Perforations:
				Jan 193			China Sa Sasaki	A LE LONG TO SELECT	Top Bottom
						<u> </u>			Bottom
1 2 2 2 3									
					"				
4.50				GHT G	OI	FFICE USE	ONLY		- Basters Resemble
						RILLING P			
		17-03	9-3986			TELLING I		Contombos	6 hourself ow lie w
Permit number_		47-03	3-3300				<u> </u>	September	
									ate line and to non-formo
This permit cov	ering the w	ell operat	or and well	location	on shown be	low is evidence	e of permission grant	ed to drill in accorda	ance with the pertinent legal re-
									Oil and Gas Inspector, (Refer to ontractor shall notify the proper
district oil and g								en operator or ms et	ontractor shan notify the proper
The permitted u	ork is as de	escribed in	the Notice	and A	nnlication	nlat and recla	mation plan subject t	o any modifications	and conditions specified on the
reverse hereof.					application,]	piat, and recia	manon pian, subject t	o any modifications	and conditions specified on the
Permit expires	Sept	ember	6, 198	35		unless w	ell work is commenced	prior to that date an	d prosecuted with due diligence.
									-2MOLTOGRAZALATHTO
D1			1	0 .	- 1 -				of salisan remidential
Bond:	Agen	1: /	riat:	asir	Fe				a contract
6505	UK	14	11	9	20	2		10	#
		-6	- 0-	-/			_	///	// /

NOTE: Keep one copy of this permit posted at the drilling location.

Administrator, Office of Oil and Gas

8 FILE COPY



FILE COPY

PORNT M 2(B) (Disvelse)

OFFICE USE ONLY

Shallow					nallotton9		
	nroost Fork				12001		(DECATION
Quick	Quadrangle:	Kanawha			AIE		
Rubin			Inc.	Sources	ubia Ke Bridge	RATOR 4	METT OFF
	1007 C Brid Charleston,			25314			
4160 14						INSPECTOR TO	
						raig Ducky	
			Route	Dayison	Z 107	P.O. Bo	Address
				5995H	VW .V.	Gassawa	
						WELL WORK:	PROPOSEE
	- LA	rate new comados					
			ell (specify)				NAME OF TAXABLE
				100		AUTARGET FOR	
						en deputros computer Anale trata deputro	
						mate coul seam dep	
	TO CEMENT PILL OF	INTELO ALS			PK ATTOMS		ASING OR :
			smilled to 1			Start Grade	
Mace Cylline	Cement to Su	5001	5001		36	2/5 6	norming
							telle de
	.cale Oak	18601	18601		v ce	7	16
and the second	100 sks.	10011	10001		23 X	il all all all all all all all all all a	
Et Suls 12			E USE ONL	A CONTRACTOR OF THE PARTY OF TH		DA 300 DE	gnid
atoration .	8						1 2 2 2 2 Mail
his part of Form IV	-2(b) is to record the	dates of certain	occurrences	and any fol	low-up insp	ections.	
		Date				Date	e(s)
Application received			Follow	-up inspectio	n(c)		
Application received				40	11(5)		
Vell work started		TIMA	in Dend,	ad "			
							indition to
Completion of the dri	가는 이 경기를 가게 하는 것이 되었다. 그렇게 하는 것이 없는 것이 없는 것이 없다.						
rocess merceinent agason	èdito delli in accordance v given hatting Nation (No. 10	of permission grant	ow is goldenge	ind timbris nati		ng the well operato	i permit coveri
			me bother,	CUR TOT SUST 19			
ven Record received							
eclamation complete	d any modifications and	etion plan, subject t	maloar bar ,;	, polication, p	the Notice and	k is as described in	e permitted, wer erse flereof
	repropried that date and pro-						seatilize full
THER INSPECTIO							
TILL II III LOT LOTIO				of Same	L Trans		
Reason:					A COLOR		1000

See the reverse side of the APPLICANC'S COPY for instructions to the well operator.

IV-9 (Rev 8-81)



August 29, 1983 WELL NO. KCS 8

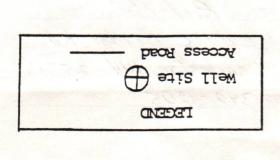
Bepartment of Mines

State of Mest Mirginia API NO. 47 - 039 - 3986

Bil and Gas Bivision

CONSTRUCTION AND RECLAMATION PLAN

	1	Piole Bul.
COMPANY NAME Rubin Resources Inc	-	SIGNATED AGENT Rick Rubin
Address 1007 C Bridge Rd. Chas		Address 1007 C Bridge Rd. Chas. W
Telephone 342-1205	_	
LANDOWNER Union Carbide	Deck to a	SOIL CONS. DISTRICT Capitol
Revegetation to be carried out by	Rubin R	esources Inc. (Agent)
This plan has been reviewed by	CAPIT	OL SCD. All corrections
and additions become a part of this pla	n:	AUG. 2 9 1983
	K	(SCD Agent)
ACCESS ROAD		LOCATION
Structure Existing Road	(A)	Structure Drilling Pit (1)
Spacing To be improved as needed		Material Eartheh
Page Ref. Manual		Page Ref. Manual N/A
Structure	(B)	Structure Diversion Ditch (2)
Spacing		Material Earthen
Page Ref. Manual		Page Ref. Manual 2-12, 2-13
Structure	(C)	Structure (3)
Spacing		Material
Page Ref. Manual		Page Ref. Manual
All structures should be inspected commercial timber is to be cut and scut and removed from the site before	tacked and	d all brush and small timber to be
F	EVEGETATIO	ON
Treatment Area I		Treatment Area II
or correct to pH	æ	Lime 3Tons/acre or correct to pH
Fertilizer lbs/acre (10-20-20 or equivalent)	1	Fertilizer 500 lbs/acre (10-20-20 or equivalent)
Mulch Hay 2.0 Tons/acc	æ	Mulch Hay 2.0 Tons/acre
Seed* Ky. 31 Tall Fescue lbs/acre	•	Seed* Ky. 31 Tall Fescue lbs/acre
50 lbs/acre	2	50 lbs/acre
lbs/acre	•	lbs/acre
*Inoculate all legumes such as vetch Inoculate with 3% recommended amount.	, trefoil	and clovers with the proper bacterium.
	בביווי בב	FFARED BY Rick Rub 02/16/2024
NOTES: Please request laufounces '		ADDRESS 1007 C Bridge Rd.
seedling for one growing season.		Charleston, WV 25314
Attach separate sheets as necessary for comments.	F.	HONE NO. 342-1205



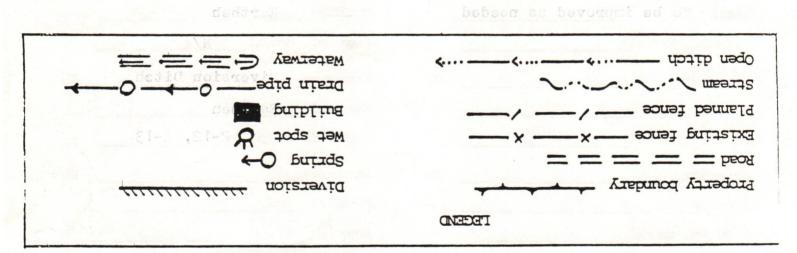
0.S YBH

Duick QUADRANGLE INVOLVED TOPOGRAPHIC MAP. ATTACH OR PHOTOCOPY SECTION OF

13345 J3H>60211612024

MEIT SILLE BIYN

Trilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage. eart of this plan. ketch to include well location, existing access road, roads to be constructed, wellsite,

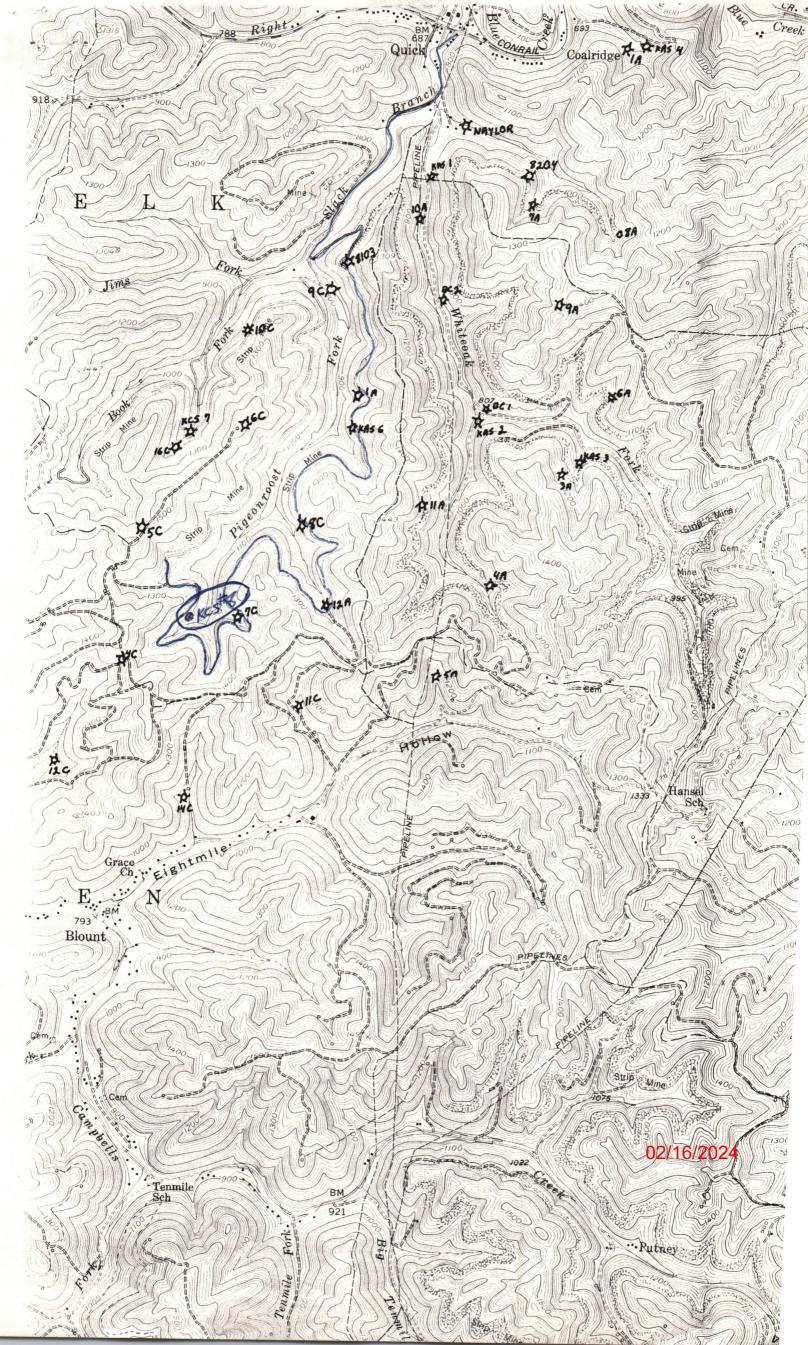


Quick Rd.

The existing road will be upgraded

disturbed area, stockpiled and utilized Topsoil shall be scalped from the used for the access road, and it needed according to the requirements

for topdressing after the site is regraded.





,1)	Date:	auoust 30 , 19 83
	Operator's Well No.	KCS 8
. 3)	API Well No.	47 039
		State County Permit

Coal Owner

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

				A	PPLICATIO	IN FUR A WI	ELL WORK PERMI	1 San San San San San		
4) WELLTY	VDE. A C	\;I	/ C		Y					
4) WELLII						Lindergroun	nd storage	/ D	/ GL-II-	
E) LOCATIO	The second	evation:	1 20	01	aprijere ja	Watershed:		unrocat Fork	_/ Shallow _	n .
5) LOCATIO	A STATE OF THE STATE OF		Elk	the same of the same of	THE STREET	County:	Kanawha	Quadrangle:	the site of the second	STATE OF STATE
6) WELL OF	The state of the s	Jerree,				Inc.	early that are a series at the series of the series of	DAGENT R1c	No. of the last of	January Charles
	s 1	007 0	Brid	ra F	load	THE.	Address	1007 C Br		ad
Addres			ston.			. 1-41	Address	Charlesto		25314
8) OIL & GA	A TOTAL OF THE PARTY OF THE PAR		A CONTRACTOR OF THE STATE OF TH				9) DRILLING C	The second of the second of the second		and the second
	Craig			ILD			Name	Committee and the Arthresis of the		4. € \$ %
	s P			7 I	avisor	Route	Address		Annaha (1980)	400 2019
Zudres		assaw			266211		Addiess		Specificação de la completa	
IN PROPOSI		A			_/ Drill	dania.	/ Dodeill	/ 8:11	V	
10) PROPOSI	ED WELL	WORK.					forate new formation	/ Stimulate		
							orate new formation			
II) GEOLOG	ICAL TAD	CET FOR				Shale			6 40 to 2	
11) GEOLOG	ated danth	of complet	ed well		<u>11100</u>	fe	et ·		JAN 1	
12) Appr	ovimate trat	a denthe	Fresh		1,99		alt,	feet.		
								ne area? Yes	/ No	
15) CASING						13,	coar being inned in ti	ic area: Tes		- F 16
CASING OR	H		CIFICATIONS			FOOTAG	E INTERVALS	T CEMENT FILL-UP	PACKE	ne
TUBING TYPE		1	Weight					OR SACKS	FACRE	
C 1	Size	Grade	per ft.	New	Used	For drilling	Left in well	Cement to	Sumface	
Fresh water	17 31	1	30	- 12		500	700	COMOTTO GO	So Kinds L 65 65	100 A
Coal					19.925				Sin	
Intermediate	711		23	X		18601	1860	to ska.	Sizes	* * .
Production	Jaks"		10.5	X	* * * * * * * * * * * * * * * * * * * *	Mr.001	11,001	100 sks.	Depths set	
Tubing	14.3		.0.	-1	Total I	224.00	44-00		Depths set	The second second
Liners	1							· Labora Danie	Perforations:	• 10 Table 19 1
Liners	1 - 422	1, 1, 4	32			To the second		E STATE OF STATE	Top	Bottom
	1034254			1.0				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10p	Bottom 1
A 1	134			- Paya	*2.7953	77.62				
			13. A							
	Contract April 4		190000							224
			INS	TRUCI	TIONS TO C	COAL OPERA	ATOR, OWNER, OR	R LESSEE		
	The r	named coa	l operator,	coal o	wner(s), and	coal lessee are	e hereby notified that	any objection they wis	h to make or	200
						d with the Dep	artment of Mines wit	hin fifteen (15) days aft	er the receipt	
4%	of this Ap	plication	by the Dep	artmen	it.					and the
		The follo	wing waive	r must	be complete	d by the coal	operator and by any	coal owner or coal less	ee This	
					A CONTRACTOR OF THE PARTY OF TH			issued within fifteen (1	As Architecture and the second second	***
		days of th	ne filing of	the Ap	plication.			te et al la		
				0.00		WAIVE	K			**1
The undersign							/ lessee		oal under this wel	Il location has
examined this property	roposed wel	on to the v	ork propo	map ex	ists which co	overs the area o	of the well location, to	he well location has bee ator has complied with	n added to the m	ine map. The
he West Virgin						ns iocation, pr	orided, the well oper	ator has complied with	an applicable rec	quirements of
									~	
	- Paint						- UN	ON CARBOD	E WER	* v** X**
	9 - 2	1		87			18.	MARKID WARLAND VGINEER		
Date:	0-3	1-	, 19	000			By COST	UMALN	neway	
						Total Control	F	Vanton		112 5
							Its 4	TOFFER	02/46/	2024

FORM IV-60 (6-82)



DATE: 8-30	,	19	83
OPERATOR'S			
WELL NO . KOS	Q.		

API NO: 47 - 039

State County Permit No

State of Mest Nieginia

OFFICE OF OIL AND GAS DEPARTMENT OF MINES

AFFIDAVIT

State of West Virginia
County of Kanawha
Rick Rubin (the designated owner or operator, authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well permit application to which this affidavit is attached do state that (he, she, or it) shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced, or marketed before deducting the amount to be paid or set aside for the owner of the oil or gas in place, or all such oil or gas to be extracted, produced, or marketed from the well. West Virginia Code 22-4-11(e) (1982).
Signed: Rick Ruby
Taken, Subscribed, and sworn to before me this 31 day of August, 1983.
Notary: Dilma Dakman
My Commission Expires: Juliuary 19, 1991

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West Virginia, COUNTY OF Kanawha:
The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of (1) Notice on Form IV-2(A) x / Form IV-3(A) / Form IV-4(A) / (2) Application on Form IV-2(B) x / Form IV-3(B) / Form IV-4(B) / (3) Plat showing the well location on Form IV-6, and (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well) all with respect to operator's Well No. KCS 8 located in Elk District, Kanawha County, West Virginia, upon the person or organization named
UNION CARBIDE
by delivering the same in Kanawha County, State of WV on the 30th day of August , 19 83 in the manner specified below.
[COMPLETE THE APPROPRIATE SECTION]
For an individual: [] Handing it to him _/ her _/ or, because he _/ she _/ refused to take it when I offered it, by leaving it in his _/ her _/ presence.
[] Handing it to a member of his or her family above the age of 16 years named who resides at 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.
For a partnership: [] Handing it to
For a limited partnership: [] 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 presence of the general partner.
For a corporation: [X] Handing it to the corporation's employee X / officer / director / attorney in fact / named U.K. Bachhawat
(Signature of person executing service)
Taken, subscribed and sworn before me this 31 day of August, 1983. My commission expires February 19, 1991
Notary Public
(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION TO A CAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT 4) SURFACE OWNER(S) OF RECORD TO BE SERVED 5(i) COAL OPERATOR
TILL COME OF MALOR (////// (./// D)//P
(i) Name Union Carbide Address P.O. Box 8004 Address P.O. Box 8004 South Charleston, WV 2530
South Charleston, W.V. 25203 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORDS.
(ii) Name Name Address
Address
(iii) Name Name
Address
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address
TO THE DEDCCALCO NAME AND ADDRESS OF THE PROPERTY OF THE PROPE
TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:
(1) THE ADDITICATION FOR A WALL WORK DOWN!
to be plugged, which sets out the parties involved in the drilling or other work,
comenting program.
(2) The plat (surveyor's map) showing the well location on Form IV-6; and
(3) The Construction and Reclamation Plan on Form IV-9) unless the well work is only to plug a well), which sets cut the plan for committee and work is only to
plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.
THE REASON YOU RECEIVED THESE POSTAGES TO
THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU HOUSE PROPERTY OF THE COPY OF THE APPLICATION
(FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY
Take notice that under Chapter 22 of the West Virginia Code, the undersigned well op-
erator proposes to file or has filed this Notice and Application and accompanying documents
Department of Mines, with moment to
and depicted on attached Form TV 6
Construction and Reclamation plan to the state of the Application, the plat, and the
by hard to the person(s) named shows (an instance by inspiscered or certified mail or delivered
and the same same same same same same same sam
The truth of the information on the WELL
Notice and Application is verified OPERATOR Rubin Resources Inc.
signed on behalf of the Well Operator
in my County and State by
RICK RUBIN
1902
My commission expires $\frac{14\sqrt{19}}{19\sqrt{19}}$, $\frac{19\sqrt{3}}{19\sqrt{19}}$. Telephone $\frac{(304)}{342}$. $\frac{342}{1205}$
Notary Public Conferman
Notary Public, Kangula County, State of West Virginia
- residente
6) EXTRACTION RIGHTS
Check and provide one of the following:
Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas
I hold the right to extract oil or gas. The requirement of Code 22-4-1-(c)(1) through (4)
The requirement of Code 22-4-1-(c)(1) through (4). (See reverse side for specifics.)
7) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat call assess.
for compensation to the co
for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes
Produced of Marketed? Yes (No
If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
you may use Affidavit Form IV-60.
0014

02/16/2024

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE TIEMS.

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled our by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
 - 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
 - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or outporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
 - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
 - 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclamation required by Code § 22-4-lb and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-la(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the commer of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the cath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that—

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reciamation 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, et	cc, Grantee,	lessee, etc.	Royalty	300k	Pace
Union Carbide	Rubin	Resources II	nc. 18th	103	78



State of Mest Hirginia

Bepartment of Mines Gil und Gas Bivision

Date 1/-22-83
O-custowle
Well No. KCS #8
Farm Carbide
API No. 47 - 039 - 3986

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

**				llow/)
OCATION: Elevation: 1200 Watershed District: Elk County Ka	1 igeonro	Quadrangle	Dei	k
District: E/K County Ka	naunu	Quadrangre	_ 4010	
COMPANY Rubin Resources Inc.				
ADDRESS 1007 C Bridge Rd. Chas. WV 353.	Casing	Used in	Left	Cement
DESIGNATED AGENT Rick Rubin	Tubing	Drilling	in Well	fill up Cu. ft.
ADDRESS 1007 C. Bridge Rd. Chirs. WV. 2531	Y Size			
SURFACE OWNER Union Carbide	1 20-10			
ADDRESS P.O. Box 8004 So. Charleston, WV	Cond.	12'	0	
MINERAL RIGHTS OWNER Union Carbide	9 5/8	4951	4951	To surface
ADDRESS P.O. Box 8004 So. Churleston WV	8 5/8	1		14.00
OIL AND GAS INSPECTOR FOR THIS WORK Jerry	7	16651	1665'	75 sks.
Holcomo ADDRESS Box 5B Indore, W/ 2511	5 1/2	7005	1003	1,3 3,63.
PERMIT ISSUED 9-5-93	4 1/2	4419'	4419'	115 sks.
DRILLING COMMENCED 16-12-83	3	1771	1	11371
DRILLING COMPLETED 10-21-83	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON		1		
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners			-
CN				1
GEOLOGICAL TARGET FORMATION DEVONUE	Shale	Dep	oth 4	400 feet
Depth of completed well 4440 feet	Rotary ,	/ / Cabl	e Tools	
Water strata depth: Fresh feet				
Habel Balace department	Is coal	being mir	ed in th	e area? No
Coal seam depths:				
Coal seam depths:		dor	oth 33.97	4370 feet
OPEN FLOW DATA	la De			1710 100
OPEN FLOW DATA Producing formation Devonian Shall				
OPEN FLOW DATA Producing formation <u>Devonian</u> <u>Shall</u> Gas: Initial open flow 146' Mcf/d	Oil: Ir	nitial oper	flow	Bbl/c
OPEN FLOW DATA Producing formation <u>Devonian</u> <u>Shall</u> Gas: Initial open flow 146' Mcf/d Final open flow 133 Mcf/d	Oil: Ir	nitial oper inal open :	flow	Bbl/c
Producing formation <u>Devonian</u> <u>Shall</u> Gas: Initial open flow 176 Mcf/d Final open flow 133 Mcf/d Time of open flow between in	Oil: Ir Fi itial and i	nitial oper inal open : final tests	flow_ flow' s_/4 h	Bbl/ours
Producing formation <u>Devonian</u> <u>Shall</u> Gas: Initial open flow 196' Mcf/d Final open flow 133 Mcf/d Time of open flow between in Static rock pressure 700 psig(surf	Oil: In Fi	nitial oper inal open : final tests	flow_ flow' s_/4 h	Bbl/ours
Producing formation <u>Devonian</u> <u>Shall</u> Gas: Initial open flow <u>176</u> , Mcf/d Final open flow <u>133</u> Mcf/d Time of open flow between in Static rock pressure <u>700</u> psig(surf	Oil: In Finitial and sace measure	nitial oper inal open : final tests ement) afte	flow flow: s 14 h	Bbl/ours ours shut i
Producing formation <u>Devonion</u> <u>Shall</u> Gas: Initial open flow 176 ' Mcf/d Final open flow /33 Mcf/d Time of open flow between in Static rock pressure 700 psig(surf (If applicable due to multiple completi Second producing formation	Oil: In Fi itial and s ace measure on)	nitial oper inal open : final tests ement) afte ay zone de	flow flow: s 14 h er 72 ho oth 02	Bbl/ours ours shut i
Producing formation <u>Devonian</u> <u>Shall</u> Gas: Initial open flow 196 ' Mcf/d Final open flow 133 Mcf/d Time of open flow between in Static rock pressure 700 psig(surf (If applicable due to multiple completi Second producing formation Gas: Initial open flow Mcf/d	Oil: In Fi itial and in ace measure on) Pi Oil: In	nitial oper inal open : final test: ement) after ay zone des	flow flow: s 14 h er 72 ho oth 02	Bbl/cours ours shut it /16/2024
OPEN FLOW DATA Producing formation <u>Devonion</u> <u>Shall</u> Gas: Initial open flow 176 Mcf/d Final open flow 133 Mcf/d Time of open flow between in Static rock pressure 700 psig(surf (If applicable due to multiple completi Second producing formation	Oil: In Fi itial and in ace measure on) Pi Oil: In Oil: F	nitial open inal open inal tests ament) after ay zone demitial open inal open	flow flow s 14 her 72 ho oth 02 n flow flow	Bbl/ours ours shut in /16/2024 Bbl/ours Bbl/ours

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

PERFORATINE: 25 perforations

Top Perforation at 3397

Bottom Perforation at 4370

FRACTURING:

75 Quality Foam 600 sks. sand single stage

dropped 10 balls WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Rock & dirt	0	20	
Sand	20	196	
Sand & Shale	196	515	
Shale	515	800	
Sand & Shale	800	991	
Coal	991	992	
Sand	992	1105	
Coal	1105	1109	
Sand & Shale	1109	1143	
Salt Sand + Shale	1143	1280	
Sand	1280	1580	
Little Line	1580	1632	
Shale	1632	1645	
Big Lime	1645	1884	
Red Rock	1814	1823	
Injun	1823	1842	
Shale	1842	1902	
Weir	1902	1920	
Shale	1920	2238	
Berea	2238	2246	
Shale	2246	4442	T.P.

(Attach separate sheets as necessary) ...

	Rubin Resources	Inc.
Wel	1 Operator	
By:	Rick Relow	02/16/2024
Date:	11-22-83	

Note: Regulation 2.02(i) provides as for wes:

"The term 'log' or 'well log wall mean a systematic detailed geological record of all formations, including wal, encountered in the drilling of a well."

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

				Oil or	Gas Well	3 30
Company RUBIN	RESOURCES	CASING AND TUBING	USED IN DRILLING	LEFT IN	PA	CKERS
Address CHARL	LESTON WO	A. Size				
Farm UNION	CARBIDE	16	10 A		Kind of P	acker
Well No. KCS	8	13				
District ELK	County KAN	10 1AWHA 81/4			Size of	The Contract
Drilling commenced		65/s			Depth set.	
Orilling completed	Total depth	5 3/16				
	Depth of shot	32				5 - V -
and the same and the same and	/10ths Water in_	Inch Liners Used				om
Note that the second second second second second second second	/10ths Merc. in_				1 1	m
			TED 95/8	SIZE 4/9	4 No ET	10-1383
ock pressure	lbs,					
il	bbls., 1s					INCHE
resh water	feet			S		
alt water	feet	feetFEET_		S		
rillers' Names FO	LCON - RIC #	+ ₂				and III.
A TOMES	7/10					
marks: - CEME	NT WITTISK	CLASS A CAR CI	PRILATE		0 - 11	

10-13-83

DATE

Jerry WOOL02/16/2024
DISTRICT WELL INSPECTOR

DATE

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

FARM DISTRICT COUNTY Filling Material Used Liner Location Amount Packer Location PLUGS USED AND DEPTH PLACED BRIDGES CASING AND TUBING CEMENT-THICKNESS WOOD-SIZE LEAD CONSTRUCTION LOCATION	2017						
Filling Material Used Liner Location Amount Packer Location PLUGS USED AND DEPTH PLACED BRIDGES CASING AND TUBING CEMENT-THICKNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED SIZE LOF	COMPANY	Company of the compan		ADDRESS			2 500 go/802 - 1 1
Filling Material Used James Location Amount Packer Location PLUGS USED AND DEPTH PLACED BRIDGES CASING AND TUBING CEMENT-THICKNESS WOOD-SIZE LEAD CONSTRUCTION—LOCATION RECOVERED SIZE LOF	FARM	The second secon	DISTRIC	CTCC	DUNTY		
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CEMENT-THICKNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED SIZE LOF	iner Loc	eation	Amount	Packer	Location) Wo	and g
CEMENT-THICKNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED SIZE LOF	PLUGS USED A	ND DEPTH PLACED		BRIDGES	CAGIN		
rillers' Names	CEMENT-THICKNESS	WOOD-SIZE	LEAD		-	G AND TO	BING
illers' Names				CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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	marks:	and the second second		- H - C			
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DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



Permit No. 039-3986

Oil or Gas Well OF MINES OIL & GAS DIVISION

	RESOURCES	CASING AND TUBING	USED IN DRILLING	WELL	PAC	KERS
Address CHARL	ESTON W.VA.	Size				
Farm UNION	CARBIDE	16			Kind of Pa	cker
Well No. KCS	8	13				
District ELK	County KANAWHA	81/4	19-15-20		_ Size of	
Drilling commenced	10-11-83	65%		NO. 8 17 10 10 12 12 12 12 12 12 12 12 12 12 12 12 12	Depth set_	
Orilling completed	Total depth	5 3/16				
	Depth of shot	3			Perf. top Perf. botto	
nitial open flow	/10ths Water inInch	Liners Used		All and the second seco	Peri. top	
Open flow after tubing_	/10ths Merc. inInch				Perf. botto	m
olume	Cu. Ft.	CASING CEMEN	75	SK	55 No. FT.1	
and the second s						
il	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES
vesh water	bbls., 1st 24 hrs.	COAL WAS ENG			FEET	
		FEET_		ES	FEET	INCHES

DATE DITCHE'S

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY				W	II No	
FARM			ADDRESS			
		DISTRICT.	C	OUNTY		
					7575	X W
Filling Material Used					1400	
Liner Local						
Loca Loca	tion	Amount	Packer	Location	3- 2-2	NY - 1
PLUGS USED AN	D DEPTH PLACED		BRIDGES	1	G AND TU	1
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			BING
	The second secon		The state of the s	RECOVERED	SIZE	LOS
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				13.53.4-	The second	Contract of
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				and come to deep the come		
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illers' Names						
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marks:			A CONTRACT OF THE PARTY OF THE			20 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -

DISTRICT WELL DISTRICT

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION DEPT. OF MINE!

INSPECTOR'S WELL REPORT

Permit No. <u>039-39</u>	100	roamat		Oil or	Gas Well_	181A 1817 421 1
Company Busin	RESOURCES	CASING AND TUBING	USED IN	LEFT IN	P	ACKERS
Address ChARLE	STON W.VA.	Size				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Farm UNION C	4 RBIDE	16		8011	Kind of F	acker
Well No. KCS-	Constitution of the Consti	13	- 18	A STATE OF STATE	19,6 - 1351	
1941	Carrier Section 1	- 10	5/20	4 x - 2/4 5 5		Marian San San San San San San San San San S
District ELK	County KANAWH	A 81/4				
Drilling commenced /	0-10-83	65%	AL PLANT	- Company of Section 1	Depth set	and produced to the
		5 3/16		All there is no second	2 mar 1 (2 m) 2 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m	a service of property as
	21-83 _{Total depth} 4430	3	er come and transport the	4-1	Perf. top_	the second of the second
Date shot	Depth of shot	_ 2		****		o'nı
nitial open flow	/10ths Water inInc	h Liners Used	· · · · · · · · · · · · · · · · · · ·	and the second		
pen flow after tubing	/10ths Merc. inIncl				Perf. botto	om_
	Cu. Ft				No. FT	Date
	bbls., 1st 24 hrs			2		
						white the con-
	feetfeet		INCH	ES	FEET	INCHES
ilt water	feetfeet	FEET_	INCH			
and the part of th	feet feet		INCH			

Remarks: RAN 4420' 4/2 CEMENT BY BJ. HUGHES T.D. 11: AM.

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY	r. 20		ADDRESS			
FARM	and the second s		and the second control of the second control			
	ALM DESCRIPTION	DISTRIC	ZTC	OUNTY		
Filling Material Used						
Liner Lo	cation	Amount	Packer	Location	J., 83	
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOS
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			Water or market	·		
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rillers' Names				•		
emarks:						

DISTRICT WILL 6/24024



State of West Virginia

Department of Mines Gil and Gas Division Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT June 6, 1984

	RECEIVED
	AUG 2 7 1984
	OIL & GAS DIVISION
L	DEPT. of MINES

COMPANY	Rubin Resources, Inc.	PERMIT NO	039-3986
10070	C Bridge Road	FARM & WELL NO	Carbide, KCS #8
Char	leston, West Virginia 25314	DIST. & COUNTY	Elk/Kanawha
RULE	DESCRIPTION	IN YES	COMPLIANCE NO
23.06 25.04 25.03 16.01 15.03 15.02 15.01 15.04 15.05 23.02 25.01 23.04 23.05 23.07 16.01 16.02 7.05	Notification Prior to Starting Work Prepared before Drilling to Prevent Wa High-Pressure Drilling Required Permits at Wellsite Adequate Fresh Water Casing Adequate Coal Casing Adequate Production Casing Adequate Cement Strenght Cement Type Maintained Access Roads Necessary Equipment to Prevent Waste Reclaimed Drilling Pits No Surface or Underground Pollution Requirements for Production & Gatherin Well Records on Site Well Records Filed Identification Markings	ng Pipelines	
Your well with Chap	NSPECTED THE ABOVE CAPTIONED WELL AND Related to the record was received and reclamation reporter 22, Article 4, Section 2, the above for the life of the well.	DATE Signed DATE Sequirements approve well will rema	oved. In accordance in under bond il & Gas Division

DATE