

1)	Date:	June 4,	, 1984
2)	Operator's Well No.	2-S-311	FORM IV-2(B) ²
3)	ADI Well No	47 - 079	- 1121

County

Permit

State

STA	ATE OF WES	T VIRGIN	NIA	
DEPARTMENT	OF MINES,	OIL AND	GAS	DIVISION

APPLICATION FOR A WELL WORK PERMIT

Address B) OIL & GA	Dis ERATOR_	evation: _	920 Uni	The first of the last of the l				of Buffalo	OICCR A
Address OIL & GA Name			0111	.011	6			Quadrangle	Bancroft 7.5' 22
Address OIL & GA Name		Sp.	artan	Gas	Compar		7) DESIGNATE		
Name	S	P.0	O. Box				Address		Box 766
Name	<u> </u>	Cha	arlest	on, I	WV 25	323		The second secon	Leston, WV 25323
	S INSPEC	TOR TO	BE NOT	FIED			9) DRILLING C		
Address	Jerry						Name		
Addiess			#1-B		3		Address		10)5(C)5)(W
			VV 25						in good o
) PROPOSE	ED WELL V	WORK:	Drill_	No. of the Park	_/ Drill			/ Stimulate	X
							orate new formation		JUL - 3 1984
						n well (specify)			000 0 1001
) GEOLOGI					4300'	ian Shale			
12) Estima 13) Appro						fee	t lt <u>, 1150', 175</u>	01	OIL & GAS DIVISI
14) Appro					500				DEPT. OF MI
) CASING A					300	Is c	oal being mined in the	e area? Yes	/ NoX
CASING OR			IFICATION	c		FOOTACE	INTERVALS	,	
TUBING TYPE	Size	Grade	Weight per ft.	New	Used		1	OR SACKS	PACKERS
onductor	13"	Grade	per it.	X	Oseu	For drilling	Left in well	(Cubic feet)	
esh water				^		30'	30	By Hand	Kinds
al	9-5/8	" J-55	36#	X		600'	6001	To Comford	AGSEAT
ermediate	7"		20#	X		2700'	2700'	To Surface 50 sx	Ales CH
oduction						2,00	8 - 2 - 6	JU SX	Depths set
bing		in all the				TUSE ONLY	hirrio =		Deptins set
ners	5 ½"		15½#	X		0	2000		Perforations:
		entions	izti tir.	aollaí	yns b	ocemrences as	dates of certain	d broser of si	Top Bottom
10	bteC 1						Oate		
				(a)mois	<u>Sagan i</u>	OFFICE LIGE	ON 11		boylet as godispiled
						OFFICE USE			
				11		DRILLING PE	KMII		
mit number	47-0	079-11	.21					July 19,	19 84
								Da	te link on to housigno
8) Prior to the rict oil and ga	e constructi is inspector	on of roa 24 hours	ds, location before ac	ons and tual per	pits for a	ny permitted work ork has commence	. In addition, the we d.)	ven to the District Oi ll operator or his con	nce with the pertinent legal re I and Gas Inspector, (Refer to stractor shall notify the prope
permitted wo	ork is as des	cribed in	the Notice	and A	pplication	, plat, and reclam	ation plan, subject to	any modifications a	nd conditions specified on the
mit expires		19,							A STATE OF THE STATE OF THE STATE OF
int expires						unless well	work is commenced	orior to that date and	prosecuted with due diligence.
and:									THER INSPECTIONS
BLANKET	Agent	P	lat:	Casing		Fee			
- Diviler	KA	n	0/1	MA	14	474			Reason
				, 190 B	1, /	The state of the s	-/	11.	
							Admir	istrator, Office of O	il and Gas
TE: Keep one	e copy of th	nis permit	posted a	the dri	lling loca	tion.	, Kailii	of the of O	ii uiiu Oas

Reason:

Permit

State

TLE COPY

FORM 17-2(B) (Obverse)



		BRODELA	ATE OF MEST V	(s					
		OFFI	CE USE ONLY	7					
PERMIT MO	DIFICATIONS	AND CONDIT	IONS (IF ANY) TO TH	IE PI	ROPOSED	WEL	L WOR	4) WELL IN
Shallow X	A Deep No of Burnalo C		Underground's Watershed			*, Production 920	(If "Gas levation		n LOCATIO
Sengroff 7.51		Perchan			, EC	inti			OLIFICOS (C
mevi .M ms		7) DESIGNATE							6) WELLOP
Boss 765					766	20E .0.			Addres
eston. NV 25323	Clark			es Tyw	, 10	Mariest			
	DNTRACTOR:	9) DRELLENG CO			aar	O BE NOTE			S) OIL & CA
II WITE POTO					2 x 2	ELIE.S	دوللية		Address
I VOEWA VI					283	25	of I		
1/1/	Stimulate V			Had v			WORK	JJJW O	PROPOSE
NOOD IN THE					ble T	Plus of			
JUL - 1 1984			well (specify)						
			an Shalle	Devous		DRMATION		CALLAS	() depudgi
OIL & GAS DIVISIO				+30057		leted well.		rtigal ball	(IZ) Estima
of the A major group many product	O f geet	113011 1178		1063 .					engg (EI
DEFI. OF MIL		i being mined in the							ia) Appro
						MARIOO	NG PR	eor an	CASING A
PACMERS	TO CEMENT SHAKE	TERRALS				LCHICATIONS	8		ABING OR
	GR SACKS (Cubic rec)					Intigio W			34A1 9KHRO
	Free I +	100	120						
Klods	VIII		V-						
ALEGT	176 CC.	1 AVES	tona			Tess Fr		12-0	- 6
(2.1.7)		22001	27001			5.00 Ea	-1	THE STATE	
Tuesday and									
Tables See		OFFI	CE USE ONLY						a gast
Perforations		2000	0.7%			MERCE		3 6	ar su
This part of Form IV-2(t) is to record the	dates of certa	in occurrences a	and any f	ollow	-up inspec	tions.		
		Date						Date	(s)
	P								
Application received			Follow-u	p inspect	ion(s)			
		X-1K	O Sau POPE	<u> </u>					
Well work started		1100	RIMLING PER	u,	,,				
19.91									nnit number
Completion of the drilling	lg (
process mentine out this ex	d to dult in accordance		elaw is evidence of	d nwona no	locali	libre bas roll		ing the w	is permit cover
Well Record received		in addition, the we	peemiled sore.		on ferr	ing before act	24 ho	s inspecto	
Reclamation completed	LARY CHOCKINGAROUS &	ar scalate trenditor	instruction ofth still		,,				arse harcoft.
	onorto that date and r		w liew sgelfin						
OTHER INSPECTIONS									
OTTIER HADE ECTIONS						Platt P		itrag A	
Reason:					(3)	e la r	1		BLANKET

See the reverse side of the APPLICANT'S COPY for instructions to the well operator,

necessary for comments.



DATE	June	28, 198	84	
WET.I.	ND. 2-	S-311	100	

State of Mest Mirginia API NO. 47

API NO. 47 - 079 - 1121

Bepartment of Mines
Gil und Gas Bivision

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Spartan Gas Company	DESIGNATED ACENT William M. Ryan
Address P.O. Box 766	Address P.O. Box 766
Telephone 925-0317	Telephone 925-0317
LANDOWNER Charles Casto	SOIL CONS. DISTRICT Western
Revegetation to be carried out by Spartan	
This plan has been reviewed by Western	
and additions become a part of this plan:	SCD. All corrections
	(Date)
	Steven B. Feese
	(SCD Agent)
ACCESS ROAD	LOCATION
Structure Culvert 12" (A)	Structure Diversion Ditta CENV 61
Spacing where indicated	Material . Earthen
	iIII - 2 1004
Page Ref. Manual	Page Ref. Manual 2-12.
Structure Cross Drains (B)	Structure Rip Rap DEPT. OF MIN
Spacing 135' to 60'	Material Stone Brush and/or Strain
Page Ref. Manual 2-4 tensed and	Page Ref. Manual N/A.
Structure Drainage Ditch (C)	Structure
Spacing on upper side of road	Material
Page Ref. Manual 2-12	Page Ref. Manual
477	
All structures should be inspected regul commercial timber is to be cut and stacked	and all brush and small timber to be
cut and removed from the site before dirt	work begins.
REVECET	PATION
Treatment Area I	Treatment Area II
Lime Two(2) Tons/acre	Lime Two(2) Tons/acre
or correct to pH 6.5	or correct to pH 6.5
Fertilizer 500# lbs/acre (10-20-20 or equivalent)	Fertilizer 500#. lbs/acre
Mulch Hay; Two (2) Tons/acre	(10-20-20 or equivalent)
Seed* Orchard Grass 15 lbs/acre	Mulch Hay; Two (2) Tons/acre Seed* Orchard Grass 15 lbs/acre
Ladina Clover 4 lbs/acre	1357 dete
lbs/acre	TDS/acre
	lbs/acre
*Inoculate all legumes such as vetch, tref Inoculate with 3X recommended amount.	oil and clovers with the proper bacterium.
DTAN	PREPARED BY CLASSES TO BE
· · · · · · · · · · · · · · · · · · ·	PREPARED BY Stephen F. Barrett
NOTES: Please request landowners' cooperation to protect new	ADDRESS P.O. Box 766
seedling for one growing season. Attach separate sheets as	Charleston, WV 25323 "

PHONE NO.

925-0317

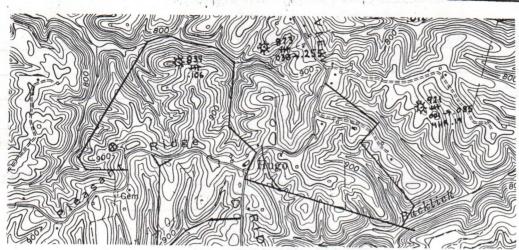
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Bancroft 7.5'

Well Site Access Road —

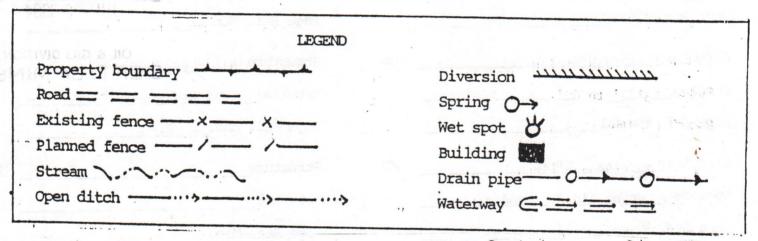
Court of the Spartm

11 11 14 119 11

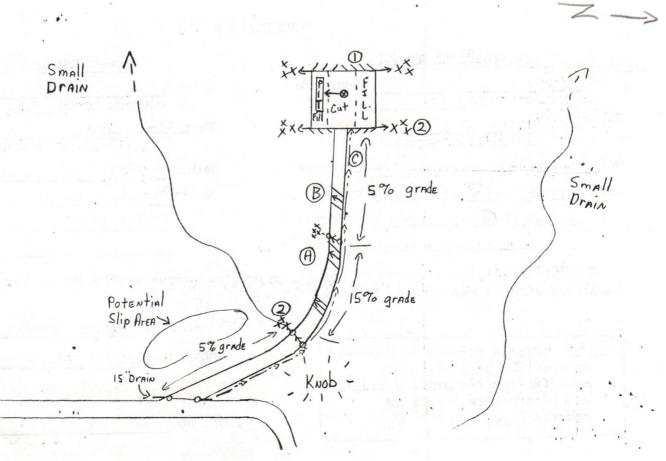


WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, well-lie, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.



Location is on a spur ridge in an open pasture. Road placement follows landowner's requested course.



7)	Data.		
1)	Date: Jun	16 4	,19 84
21	Operatoria		72307

2) Operator's
Well No. 2-S-311
3) API Well No. 47-079-1/2/
State County Permit

STATE OF WEST VIRGINIA

DEPARIMENT	OF	MINES,	OFFICE	OF	OIL	&	GAS	
TITCE OF ADI	T T	TARTON:						

		NOT	ICE OF APPLICATION	ON FOR A WELL	WORK PERMIT
4) SUF	RFACE OWNER	R(S) OF RE	CORD TO BE SERVE	and the second s	COAL OPERATOR
	Name	Charles:		3(1)	Address
	Address	Rt. 1, B		-	
		Red House		5(ii)	COAL OWNER(S) NO DECLARATION ON RECORD:
(ii)					Name Union Carbide Metals
	Address	PS	NDER: Complete Items 1, 2, 3	The same of the same	Address 817 Charleston National Plaza
(iii)	N7-m	orm	Add your address in the	9 "RETURN TO"	Charleston, WV 25301
	Address	38	space on reverse.		e c/o Blue Creek Coal Co./U.K.
	Address		(CONSULT POSTMASTE	R FOR FEES) . 34 P	st ddress 32 Sanderson Road
			o following service is requested (ch "Show to whom and date delivered".		rt Clendenin, WV 25045
		1982	Show to whom, date, and address of		L LESSEE WITH DECLARATION ON RECORD!
		2. 🗆	RESTRICTED DELIVERY		ddress
			(The restricted delivery fee is charged in to the return receipt fee.)	addition	
		TO TI		7074 - 1 80	
		3. ART	ICLE ADDRESSED TO: D.1	TOTAL \$ 1.89	m and the following documents:
			plue	Creek Coal Co	
		Clan	anderson Road		ble, the proposed casing and
		4 TVD	denin, WV 25045		Form IV-6; and
			EGISTERED INSURED	ARTICLE NUMBER	ess the well work is only to ediment control and for
		× C	ERTIFIED COD	P 235 688 824	
		WHICE DE	XPRESS MAIL		GHTS REGARDING THE APPLICATION
		ACTIC (Always obtain signature of add	ressee or agent)	F THE COPY OF THE APPLICATION OT REQUIRED TO TAKE ANY
		erate SIGNAT	ceived the article described above.		
	f	for a	URE Addressee Aut	horized agent	, the undersigned well op- and accompanying documents
		Depai sind (1) Ill one	ENDENIA	oil and Gas, West Virginia ribed on attached Application
	C	Const DATE	OF DELIVERY	G OSTHUAI	
		oy hi pefo:	21-84	(maybe on gretse side)	i or certified mail or del tered ain circumstances) on or
	6)		ESSEE'S ADDRÉSS (Only If requested)		
	0,	RET	(only in requested)		JUL - 3 1984
		BETURN 7 INABI	and the second s	USPO	
		7. UNABL	E TO DELIVER BECAUSE:	7a. EMPLOYEE'S	act or contracts by which OIL & GAS DIVISION
	7)	RECEIP R	The same of the sa	INITIALS	everse side for specific EPT. OF MINES
		T - CONTROL OF THE BOOK	W Car	MIX.	
		or other cont	ract or contracts providi	ng for flat Well Toy	sed upon a lease or leases arry or any similar provision
		to the volume	of oil or gas so extract	ed, produced or marke	arry or any similar provision ich is not inherently related
		If the	answer above is No. not	hing addition to	eted? ies <u>No</u>
		you may use A	fidavit Form IV-60.	ning additional is ne	eeded. If the answer is Yes,
		See the r	everse side for line it		
		the requi	red copies of the Notice on Plan.	and Application, pla	for instructions concerning
The tr	uth of the	informati	on Plan.	ri saladi, pia	and Construction and
Notice	and Appli	cation is	on on the	WELL	
and SM	orn to and	the Motio		OPERATO	OR Spartan Gas Company :
signed	on behalf	of the We	ell Operator	- (
1	country and	State by	operator	By	ra (last
this	day of	dtord		Its_	Vice-President
My	cuay of	JUNE	, 1984.	Addre	ss P.O. Box 766
1	commission	expires 2	July, 1987.	Telen	Charleston, WV 25323
Nota	odgar (J. Mes	kiff		hone (304) 925-0317
Stat	e of WES	- RUKANA	why County, .		
	WES	VIRGIN	in -State Wide	E	
	Copies		3 Language		
	on For	rm IV-6, and (4)	I have no objection to the pr	anne	
	materi				(For execution by natural persons)
	mars.	il a har some	poration, partnership, etc.)		00.0.10 7/2
	(For e	execution by corp			(harles could Date: 7
	NAM	IE:	· ·		(Signature) Date: 7/Z
					Ourginia (Signature)
		Ву		Date	(Signature)
		Its			
	1000000				Surface Own

FOEIDT FOR CERTIFIED MAIL

TO THE HEAT OF ANY IS CONTROL OF THE PROPERTY OF THE SECOND The Spirantiffe 1 5.0 48

The state of the s

maril (LIV)

1 1

8.4 010

1::11

FORM IV-2(B) Reverse

SURFACE OWNER'S COPY

INSTRUCTIONS TO SURFACE OWNERS EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these

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 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 no the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately. Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas West Virginia Department of Mines 1615 Washington Street East Charleston, West Virginia 25311

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is Who may the comments? It you wish to the comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN 5.5) DAYS after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the Dove telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps

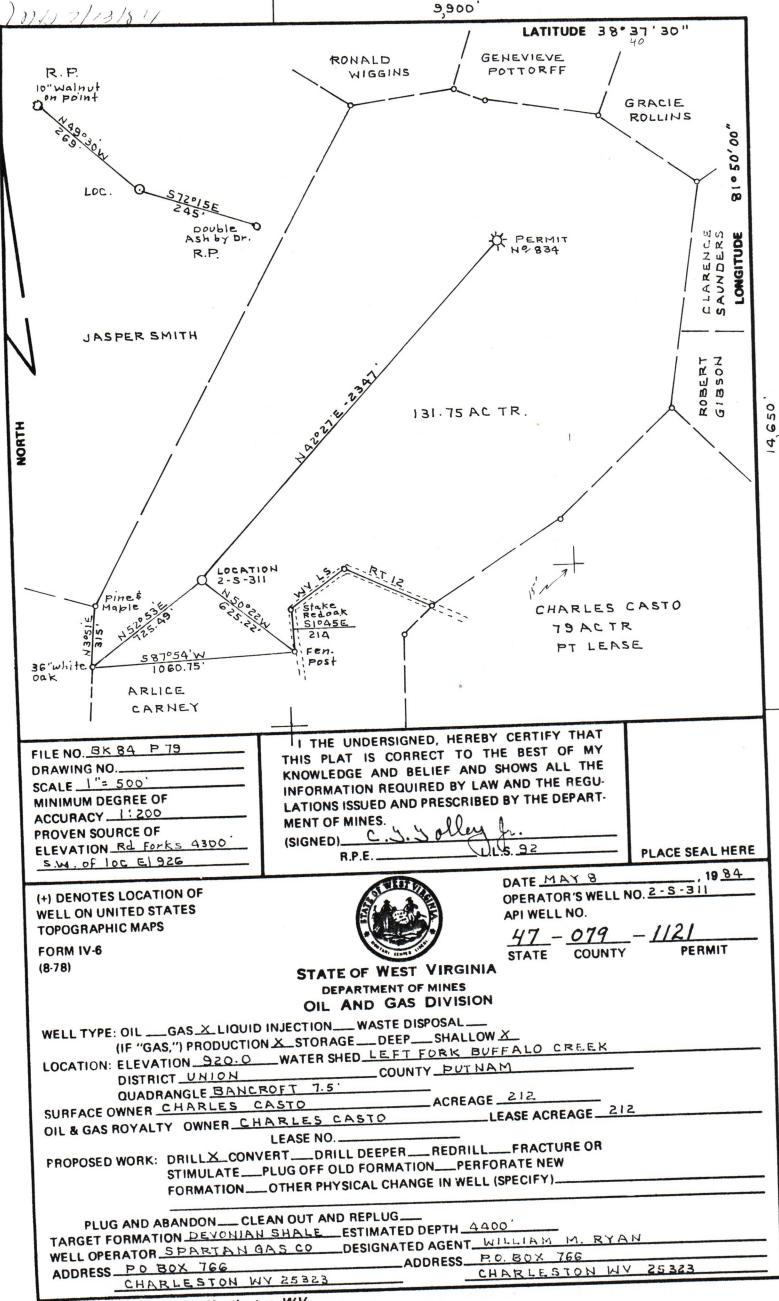
Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds: (2) The plan for soil erosion and sediment control is not adequate or effective; or

- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies."

you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

st of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish quality prior to and after drilling. Contact the Adminisatrator's office or an Oil and Gas Inspector to obtain a copy of the list.





OIL & GAS DIVISION
DEPT. OF MINES



State of Mest Wirginia

Bepartment of Mines Gil und Gas Division

Date	10/11/84	
Operat		
Well N	o. 2-S-311	-
Farm (Charles Casto	
API No	• <u>47</u> - 079 - 1121	

WELL OPERATOR'S REPORT

OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

LOCATION: Elevation: 920.0 Watershed_	Left Fork,	Buffalo Cre	ek	re rougraya
District: Union County Put	nam	Quadrangl	e Bancro	ft
Tagar on				
COMPANY SPARTAN GAS COMPANY	AE		Sand	Salt
ADDRESS P. O. Box 766, Charleston, WV 25323	Cacina	luna in		Cement
DESIGNATED AGENT William M. Ryan	Casing	Used in	Left	fill up
ADDRESS P. O. Box 766, Charleston, WV 25323	Size	Drilling	in Well	Cu. ft.
SURFACE OWNER Charles Casto	20-16			
ADDRESS Rt. 1 Box 124, Red House, WV	Cond.	-		-
MINERAL RIGHTS CWNER Charles Casto :	13-10"	26	26	10 sks
ADDRESS Rt. 1 Box 124, Red House, WV	9 5/8	555.7	555.7	180 sks
OIL AND GAS INSPECTOR FOR THIS WORK	8 5/8			Pina.
Jerry Holcomb ADDRESS Rural Rt. #1 Box 28	7	2655	2655	340 sks
PERMIT ISSUED July 19, 1984 Hamlin, WV	5 1/2		1 6.181.6	70.00
DRILLING COMMENCED 8/7/84	4 1/2			1500
DRILLING COMPLETED 8/18/84	3	-		
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2		4287	
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used	5-1/2"	899	
GEOLOGICAL TARGET FORMATION Devonian Shale	-			
Double of	Potent		h 4,400	feet
Make a second se	Rotary X		Tools_	
Coal seam depths:	Salt 185			
	_ is coal i	being mine	d in the	area? No
OPEN FLOW DATA				
Producing formation Devonian Shale	Pay	zone depti	h 3,545	feet
Gas: Initial open flow show Mcf/d	Oil: Init	tial open :	flow	Bb1/d
Final open flow 103 Mcf/d		al open flo		Bb1/d
Time of open flow between Time	XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	WAX YESTE	4 hou	irs
Static rock pressure 600 psig(surface	ce measureme	ent) after	144 hour	s shut in
(If applicable due to multiple completion	2)			
Second producing formation	Pay	zone depth	1	feet
	Oil: Init	ial open f	low	Bb1/d
Final open flow Mcf/d	Oil: Fina	l open flo	W	Bbl/d
Time of open flow between init	ens .	- 44 - 5 - 5		

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

8-18-84 - Shot w/8,000# gas well explosive from 4,303 to 3,545.

DEPT. OF MINES

WELL LOG

FORMATION COLO	r hard or soft	TOP FEET	BOTTOM FEET	REMARKS Including indication of all free and salt water, coal, oil and coal
Shale		0	365	Water 95'
Sand & Shale		356	1489	and the consideration of the c
Salt Sand		1489	1910	Salt Water 1,800'
Big Lime		1910	2508	And the second second section of the section of the second section of the section of the second section of the secti
Sand & Shale		2508	2615	- M. D. M. D. M. C. C. C. C. C. T. G. C. C.
				ALPERON
Berea		2615	2688	And the stage of t
Shale		2688	4308	P. A.T. MARCHES B. C.
TD		-	4308	Show gas at T.D.
			0.3	September 1997 State of the September 1997 Septembe
Electric Log T	ops		TV . lampil f	at Mark each it was being to be
	Barrier Barrier		AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	Application of the same control of the same co
Little Lime		1870	1900	STATEMENT TO DE LIABILITE
Big Lime		1,00	2070	and the same of th
Injun		2097	2140	
Berea		2562	2582	OH MUD GAS DESIGNER FOR
Shale		2582	3754	end periodical constraints.
Brown Shale		3754	4303	ESTA CALESTANIAN AND STATE OF THE STATE OF T
TD			4303	t . Al allot appoint them.
				A STATE OF THE PARTY OF THE PAR
		Annual Control of the	and the second s	A A A CONTRACTOR SHOPPING
				GEVE CHENENCE CONTROL
		-	n kanna wan da	A PRINCE OF A STANFORM OF THE
			O THE THE REST	
		J.A.K	and the second second	
		1	Carlotte Charles	16.4
				The same of the sa
		feet Reta	Constitute	n hadelmore to days?
and the state of t		The retorn	Fresh	Tribael edicate and 17
				The state of the s
		all	enge s	THE PERSON NAMED IN COLUMN 1
				The state of the s
				And Area of a good and the same in the Particle.

(Attach separate sheets as necessary)

SPARTAN GAS COMPANY
Well Operator

By: William M. Rymmanager Operations

Date: October 11 1984

Note: Regulation 2.02(i) provides as follows:

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

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

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) × / Form IV-3(A) / Form IV-4(A) / (2) Application on Form IV-2(B) × / 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. 2-S-311 located in locat
by delivering the same in Putnam County, State of West Virginia & GAS DIVISION on the 2nd day of July , 1984 in the manner specified be WEPT. OF MINE
[COMPLETE THE APPROPRIATE SECTION]
For an individual: [X] Handing it to him X / her X / 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 partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.
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: [] Handing it to the corporation's employee / officer / director / attorney in fact / named
(Signature of person executing service)
Taken, subscribed and sworn before me this 3rd day of July, 1984. My commission expires
Notary Public
(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

INSPECTOR'S WELL REPORTETT. OF MINES

Permit No. 079 11	121	an Elik	Marine Salar S		Oil or	Gas Well
Company Spart	ton Gas.	A	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address			Size			
FarmCa	asto		16	3.00		Kind of Packer
Well No			13			
District	County Cal	trom	81/4			Size of
Drilling commenced			6%			Depth set
			5 3/16			
Drilling completed	Total depth		3			Perf. top
Date shot	Depth of shot		2	and the second second		Perf. bottom
Initial open flow	/10ths Water	inInch	Liners Used			Perf. top
Open flow after tubing.	/10ths Merc. i	inInch				Perf. bottom
Volume		Cu. Ft.	CASING CEME	NTED	SIZE	No. FTDate
Rock pressure	lbs	hrs.	NAME OF SEI	RVICE COMPA	NY	
Dil	bbls.	, 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEETINCHES
Fresh water	feet	feet	FEET.	INCH	ES	FEETINCHES
Salt water	feet	feet	FEET	INCH	ES	FEETINCHES
Drillers' Names			ental 2.54 CHE STATE TO STATE CONTROL TO S	THE COURT OF THE C		
Smith rig #	(1.2	ATTACAMENT CONTRACTOR OF THE PARTY OF THE PA				
Remarks:	- 1 (
8 7 84 set	26' of 13'' co	nductor.				
	555.7' of 95/8					

- 8 14 84 set 7'' csg 2655' kb cement 100 sks neat and 200 sks 50/50 poz 3% cacl 1/4 lb per sk flocele.
- 8 16 84 Drilling 61/4 hole at 3064.

8 16 8th

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

OMPANY			ADDRESS			
ARM			The second college Residence of the Principle			
illing Material Used						
iner Loc	ation	Amount	Packer	Location		
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	Los
					,	
						-
	,					
25-23 2-2-2-3						
rillers' Names						
mers warmes					to the second property of the second	
emarks:						
			. <u>. 1</u> 10470 7 970 27 114			
				7.1		
DATE	hereby certify I w	rigited the show	e well on this date.			

SISTRIST WELL INSPECTOR

DEPARTMENT OF MINES



INSPECTOR'S WELL REPORT. OF MINES

Company Spartan Gas INC.	CASING AND TUBING	USED IN	LEFT IN	PACKERS
Address	Size			
FarmCasto	16			Kind of Packer
Well No 2 S 311	13			1 8 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DistrictCounty Putnam	81/4	18	and the period	Size of
Orilling commenced	6%			Depth set
Orilling completedTotal depth	5 3/16			Table 1
Date shotDepth of shot	3			Perf. top
nitial open flow/10ths Water inInch	Liners Used			Perf. bottom
pen flow after tubing/10ths Merc. inInch				Perf. bottom
olumeCu. Ft.	CASING CEMEN'	TED	SIZE	No. FTD:
ock pressurelbshrs.	NAME OF SERV			No. FTD:
bbls., 1st 24 hrs.	COAL WAS ENC	OUNTERED A	т	FEETINCHE
esh waterfeetfeet				FEETINCHE
lt waterfeetfeet				FEETINCHE
illers' Names		The second secon		INCHE
Smith Drilling				

9 6 84 Reclaimed and Reseeded all but small section Bales of mulch on site to finish.

9 6 84

Jeny a Tophalong

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY		-	ADDRESS					
ARM	e e e e e e e e e e e e e e e e e e e	DISTRICT						
22327					* 15 15 15 15 15 15 15 15 15 15 15 15 15			
illing Material Used	-	,						
	ation	Amount	Packer	Location				
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST		
			energy (
Drillers' Names								
Remarks:								
	I hereby certify	I visited the al	peve well on this date.					

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 079- 1/2/ Oil or Gas Well_ LEFT IN CASING AND USED IN PACKERS Company SPARTAN GAS CO Size Address_ Farm C. Casto Kind of Packer___ 25311 Size of District Depth set____ Drilling commenced_ 5 3/16____ Drilling completed_____ _Total depth_ Perf. top____ _____Depth of shot_ Date shot___ Perf. bottom____ Liners Used_ Perf. top____ Initial open flow_____/10ths Water in__ Perf. bottom__ Open flow after tubing_____/10ths Merc. in___Inch CASING CEMENTED____ _SIZE____ NAME OF SERVICE COMPANY lbs_ Rock pressure____ COAL WAS ENCOUNTERED AT_____FEET___INCHES _bbls., 1st 24 hrs. INCHES FEET_ _INCHES feet Fresh water__ feet FEET feet INCHES FEET_ _INCHES FEET Salt water_ with Lepry T Drillers' Names___ Cheered Rec: - Seeding OK. - NO APINO ON WELL low pressure fittings on well wad - Montioned t showed coudition to production MAN -Remarks: K.G. Bace

Form 26 2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY			ADDRESS			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
FARM		DISTRICT .	C	OUNTY		
		2,12 (52)	A Para Caraca Carac			
Filling Material Used			100 E			
Liner Loc	cation	Amou	nnt Packer	Loc	ation	
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASING	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
						<u> </u>
					2101	
			4 (fig. 12) 22) 9 (edfül		teknige iv
				90		14 16 16
			3 4 4 A A A A A A A A A A A A A A A A A			tion of a
	0.453					
Orillers' Names						
				204		
Remarks:						
	I hereby certify I vis	ited the above v	well on this date.			
DATE						



State of West Birginia

Bepartment of Mines Gil and Gas Bivision

Charleston 25305

FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT



OIL & GAS DIVISION
DEPT. OF MINES

DATE

	Spartan Gas Co-	PERMIT NO
P. 0-	Box 766	FARM & WELL NO Charles costo 2-5-31
Cha	rleston, 911.94. 25323	DIST. & COUNTY Union-Potnam
RULE	DESCRIPTION	IN COMPLIANCE YES 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 Word Prepared before Drilling to Preven 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 Was Reclaimed Drilling Pits No Surface or Underground Pollution Requirements for Production & Gathe Well Records on Site Well Records Filed Identification Markings	te Table Tab
I HAVE	INSPECTED THE ABOVE CAPTIONED WELL AN	D RECOMMEND THAT IT BE RELEASED:
	•	SIGNED Carlos w. Hirely
		DATE 19-18-84
Your well with Cha coverage	ll record was received and reclamation apter 22, Article 4, Section 2, the ale for the life of the well.	n requirements approved. In accordance sove well will remain under bond
		Administrator-Oil & Gas Division
		January 23, 1985

FORM IV-2(B) (Obverse) 7-83

SURFACE OWNER'S COPY



1) Date:	salas ma	Ato ,	19
2) Operator's Well No.	-S-311		
3) API Well No.	47		- tolen
and a	State	County	Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

4) WELL TYP	PE: A Oi	1	/ Ga	as I	1				
4, 11222111		"Gas", P				_/ Underground	storage	/ Deep	_/ Shallow/)
5) LOCATION	N: Elev	ation:	9201			_ Watershed: _	Laft Fork	of Buffalo Ca	reak
	Dist	rict:	Unic			_ County:	Putnam	Quadrangle:	
6) WELL OPE	ERATOR_	China Carried States	rtan (bunaay	<u>Production</u>	7) DESIGNATED	AGENT	m M. Ryan
Address			Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, whic	766	ma	100	Address		10x 766
			rlesto		N 200	123			seton, WV 25323
8) OIL & GAS				FIED			9) DRILLING CO		
Name	the time do to the first	Holeon		- 00			Name	n	TEPERTONISIN
Address	Hami			STATE OF THE PARTY			Address	128	COCO C
					/ D-111		/ Redrill	/ Stimulate	1
10) PROPOSEI	D WELL V	VORK:	Drill_		_/ Drill	deeper	rate new formation	/ Stimulate	JUL - 3 1984
						well (specify)	ate new formation		JUL 0 1004
11) GEOLOGIC	CAL TARC	GET FORM			Devoni	CONTRACTOR OF THE PARTY OF THE			
II) GLOLOGI	CAL ITHIC	JLI I OIL		,	THE PERSON NAMED IN COLUMN TWO ISSUES.	THE RESIDENCE OF THE PARTY OF T			
12) Estima	ted depth o	f complete	d well,		4300	feet			OIL & GAS DIVISION
12) Estima 13) Approx				100 9	, 250'	feet; salt	1150', 175	ot feet.	EPT. OF MINE
	ximate trata	depths:	Fresh, _	100 *	4300' , 250' 500	feet; salt	t, 1150° 175		
13) Approx	ximate trata	depths:	Fresh, _ hs:	100*	4300° , 250° 500	feet; salt	1150*, 175		EPT. OF MINE
13) Approx 14) Approx 15) CASING A CASING OR	ximate trata	depths: seam dept	Fresh, hs: RAM FICATION	100 °	4300° , 250° 500	feet; salt	1150*, 175	area? Yes	EPT. OF MINE
13) Approx 14) Approx 15) CASING A	ximate trata	depths: seam dept	Fresh, _ hs: RAM	100°	4300 500	feet; salt	t, 1150 175 eal being mined in the	e area? Yes	EPT. OF MINE
13) Approx 14) Approx 15) CASING A CASING OR	ximate trata ximate coal	seam depths: SPECI	Fresh, hs: RAM FICATION Weight	1	4300 500	feet; salu Is co	t,	e area? Yes	EPT. OF MINE
13) Approx 14) Approx 15) CASING A CASING OR TUBING TYPE	ximate trata ximate coal kND TUBII	seam depths: seam dept NG PROG SPECI Grade	Fresh, hs: FRAM FICATION Weight per ft.	New	4300 500 Used	feet; salt	oal being mined in the	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS Kinds
13) Approx 14) Approx 15) CASING A CASING OR TUBING TYPE	ximate trata ximate coal ND TUBII Size	seam depths: seam dept NG PROG SPECI Grade	Fresh,hs: RAM FICATION Weight per ft.	New	2300 500	feet; salt	t,	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
13) Approx 14) Approx 15) CASING A CASING OR TUBING TYPE	ximate trata ximate coal kND TUBII	seam depths: seam dept NG PROG SPECI Grade	Fresh, hs: FRAM FICATION Weight per ft.	New	4300 500 Used	feet; salt	oal being mined in the	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS Kinds Sizes
13) Approx 14) Approx 15) CASING A CASING OR TUBING TYPE Conductor Fresh water	ximate trata ximate coal ND TUBII Size	seam depths: seam dept NG PROG SPECI Grade	Fresh,hs: RAM FICATION Weight per ft.	New	4300 250 500 Used	feet; salt	oal being mined in the	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS Kinds
13) Approx 14) Approx 15) CASING A CASING OR TUBING TYPE Conductor Fresh water Coal Intermediate Production Tubing	ximate trata ximate coal XND TUBII	seam depths: seam dept NG PROG SPECI Grade	Fresh,hs: RAM FICATION Weight per ft.	New X	4300 500 500	feet; salt Is co	i,	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS Kinds Sizes Depths set
13) Approx 14) Approx 15) CASING A CASING OR TUBING TYPE Conductor Fresh water Coal Intermediate Production	ximate trata ximate coal ND TUBII Size	seam depths: seam dept NG PROG SPECI Grade	Fresh,hs: RAM FICATION Weight per ft.	New	4300 500 Used	feet; salt	oal being mined in the	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS Kinds Sizes Depths set Perforations:
13) Approx 14) Approx 15) CASING A CASING OR TUBING TYPE Conductor Fresh water Coal Intermediate Production Tubing	ximate trata ximate coal XND TUBII	seam depths: seam dept NG PROG SPECI Grade	Fresh,hs: RAM FICATION Weight per ft.	New X	4300 500 Used	feet; salt Is co	i,	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS Kinds Sizes Depths set Perforations:
13) Approx 14) Approx 15) CASING A CASING OR TUBING TYPE Conductor Fresh water Coal Intermediate Production Tubing	ximate trata ximate coal XND TUBII	seam depths: seam dept NG PROG SPECI Grade	Fresh,hs: RAM FICATION Weight per ft.	New X	4300 500 500 Used	feet; salt Is co	i,	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS Kinds Sizes Depths set Perforations:
13) Approx 14) Approx 15) CASING A CASING OR TUBING TYPE Conductor Fresh water Coal Intermediate Production Tubing	ximate trata ximate coal XND TUBII	seam depths: seam dept NG PROG SPECI Grade	Fresh,hs: RAM FICATION Weight per ft.	New X	4300 500 500	feet; salt Is co	i,	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS Kinds Sizes Depths set Perforations:

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)	(For execution by natural persons)
NAME:	(Signature) Date: 7/2/84
By	Virginia Casto Date: 7/2/84 (Signature)

FORM IV-2(B)
Reverse

INSTRUCTIONS TO SURFACE OWNERS AND EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas West Virginia Department of Mines 1615 Washington Street East Charleston, West Virginia 25311 (304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

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

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator 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 Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

FORM IV-2(A) Obverse [8-83]

11	Data				Sign.
11	Date:	June	4 -	,19	84
21	marata	- Curre			07
21	marata	210			_

2) Operator's

Well No. 2-S-311 3) API Well No. 47-079-1/20

State County Permit

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

		ER(S) OF RECORD TO BE SERVED 5(i)	COAL OPERATOR
(i)	Name	Charles E. Casto	Address
	Address	Rt. 1, Box 124	
		Red House, WV 25168 5(ii)	COAL OWNER(S) NO DECLARATION ON RECORD:
(11)	Name		Name Union Carbide Metals
	Address	COUNTY OF THE PROPERTY OF THE	Address 817 Charleston National Plaz
		SENDER: Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO"	Charleston, WV 25301
.ii)	Name	ω space on reverse.	me c/o Blue Creek Coal Co./U.K.
	Address	(CONSULT POSTMASTER FOR FEES) .54 P	st ddress 32 Sanderson Road
		1. The following service is requested (check one) 75	ert Clendenin, WV 25045
		X X	
		Show to whom, date, and address of delivery	ie ie
		2. RESTRICTED DELIVERY	ddress
		(The restricted delivery fee is charged in addition to the return receipt fee.)	
		IUIAL \$ 1.09	m and the following documents:
		3. ARTICLE ADDRESSED TO: Blue Creek Coal Co	(or Form IV-4 if the well is
		32 Sanderson Road	the drilling or other work, the proposed casing and
		Clendenin, WV 25045 - Attn: U.K	
		4. TYPE OF SERVICE: ARTICLE NUMBER	Form IV-6; and ess the well work is only to
		REGISTERED INSURED	ediment control and for
		☐ COD P 235 688 824	
		WHICE EXPRESS MAIL	GHIS REGARDING THE APPLICATION F THE COPY OF THE APPLICATION
		ACTIC (Always obtain signature of addressee or agent)	OT REQUIRED TO TAKE ANY
		I have received the article described above.	
		erate SIGNATURE Addressee Authorized agent	the undersigned well op- and accompanying documents
		for a Depai B CM A NDENIN	lil and Car Wash !!!
		and (5)	ribed on attached Applications Application, the plat, and the
		by hi	1 or certified mail on Hill
			ain circumstances) on or
		N 1 100 A PA	JUL - 3 1984
			002.01004
		6. ADDRESSEE'S ADDRÉSS (Only II requested) USPO	
		7. UNABLE TO DELIVER BECAUSE: 7a. EMPLOYEE'S	act or contracts by which OIL & GAS DIVISION
		7) R D	everse side for specifie EPT. OF MINES
		Is the riding.	
		or other contract or contracts providing + GPO: 1982-379-593	sed upon a lease or leases
		for compensation to the owner of the oil or gas in place to the volume of oil or gas so extracted produced as a second of the oil or gas so extracted produced as a second of the oil or gas so extracted produced as a second of the oil or gas so extracted produced as a second of the oil or gas so extracted produced as a second of the oil or gas so extracted produced as a second of the oil or gas in place the oil	hich is not inherently related
		to the volume of oil or gas so extracted, produced or mar	keted? Yes No
		If the answer above is No, nothing additional is you may use Affidavit Form IV-60.	needed. If the answer is you
		you may use Affidavit Form IV-60.	Is les,
		See the reverse side for line item	
		See the reverse side for line item instructions, and the required copies of the Notice and Application, p. Reclamation Plan.	for instructions concerning
			was considered and
ne t	ruth of th	he information on the WELL	
Otic	e and App	lication is verified OPERAT	OR Spartan Gas Company
الماد			
nd s	worn to ar	nd the Notice is If of the Well Operator By	00000

signed on behalf of the Well Operator
in my County and State by

FRED A RAD food

this II day of Tune , 1984.

My commission expires 21 July , 1987.

Edgar J. Medfiff

Notary Public, Aukantuha County,
State of West Vikginin - State wide

OPERATOR Spartan Gas Company

By John Gas Company

Its Vice-President

Address P.O. Box 766

Charleston, WV 25323

Telephone (304) 925-0317

INSTI

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and nu
- 3) To be filled out by t
- 4) & 5) Use separate sheet if
 - 4) Surface owner(s) of r see also Code § 22-4co-owners of interest in such lands".
 - 5(i) "Coal Operator" means corporation that pro
- 5(ii, iii) See Code § 22-4-20.
 - 6) See Code § 22-4-11(c) tinuing contract(s), provided below.
 - 7) See Code § § 22-4-11(

CONCERNING THE REQUIRED COPIES

Filing. Code § 22-4-lk an copies of the Notice and A panied by (i) a plat in the the forms prescribed by Re by Code § 22-4-lk(d) and t 23, (iv) unless previously and 22-3-12a, and (v) if a owner of any water well or

Service. In addition, ser with an interest in the o

P 235 688 824

DENTAL OF THE PROPERTY OF MANY

TOWN ASSESSED FOR THE PERSON OF THE PERSON O

NO INSURANCE COVERAGE PROVIDED— NOT FOR INTERNATIONAL MAIL

OT FOR INTERNATIONAL MA (See Reverse)

	-27		(See Reverse)		The state of the s
SE	NTT	0		1 2 4 4 6 6	
B	111	e	Creek Coal Co	./II.K.	
ST 3	PEE 2	Sa	Creek Coal Co DNO. nderson Road	cation. However, mon or other	
P.C)., S1	ATE	AND ZIP CODE		
C	10	nd	enin, WV 250	45	tion hold interests
PO	STA	GE	CITTI, WV 250	\$.54	ship association or
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE			.75¢	milp association of
	1	SPECIAL DELIVERY		¢	
	OPTIONAL SERVICES	RESTRICTED DELIVERY		¢	
		RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED	,60°	(s) or other con- ion in the space inal and required istrator, accom-
			SHOW TO WHOM, DATE. AND ADDRESS OF DELIVERY	¢	
			SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	¢	
			SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	¢	
TO	TAL	POS	TAGE AND FEES	\$ 1.89) a bond in one of er security allowed
PO	STM	ARK	ORBATE WV		12b and Regulation
			6120/	84	red by Code § 22-4-la(c
		1	E 101 181		§ 22-4-8a from the
		1	18		sed well.
		1	= 1084/0/		(a) and the managed (a)
		A-Up	130		(s) and the person(s)
			UCPO !	21441	-4-2a, and 22-4-2b,

400 (1)

gran (211

1111111

. Angut,

TO A PRIMITARY CHICKS

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

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

Under the oath 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-

- 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 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.	Royalty Book Page
Charles Casto	Spartan Gas Company	1/8 58 797