

		State		Cou	inty		Permit
3)	API Well No.	47	-	001	-	2099	actavan.
2)	Operator's Well No	J-100	00			(B)\$-V	FORM
1)	Date:	MAY 2	26			, 19	84

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

				A	PPLICA	TION FOR A WE	ELL WORK PERM	<u>HT</u>	
4) WELL TY	PE: A O	oil W.O.	20/4 G	ıs X	TOZ	NS (IF ANY)	ME COMMETIC	MARICATIONS AT	PERMIT MO
	В (І	f "Gas", 1	Production	1 X		_/ Underground	d storage	/ Deep	_/ Shallow X/)
5) LOCATIO	N: Ele	evation: _		1606	1	_ Watershed:	TYGAI	RT VALLEY RIVER	(M27)
		strict:					BARBO		
6) WELL OF	ERATOR	J & J	ENTER	PRIS	ES, I	NC.24150	7) DESIGNAT	ED AGENT RICHAR	RD M. REDDECLIFF
Addres	s	P.O.	BOX 48	}			Address	P.O. E	30X 48
		BUCKE	ANNON.	WV	2620			BUCKHA	ANNON, WV 26201
8) OIL & GA	S INSPEC	TOR TO	BE NOTI	FIED			9) DRILLING	CONTRACTOR:	
Name		ROBER	T STEW	IART		10 10	Name	S.W. JACK D	DRILLING CO.
Addres	s	P.O.	BOX 34	.5			Address	P.O. BOX 48	3
		JANE	LEW, V	IV 2	6378			BUCKHANNON.	WV 26201
O) PROPOSI	D WELL	WORK:	Drill	X	_/ Drill	deeper	/ Redrill	/ Stimulate)	DECENVIS
							orate new formati		THE CET OF
									IN CO.
) GEOLOG	ICAL TAR	GET FOR		F0	X				11N 6 - 1984
12) Estim	ated depth o	of complete	ed well,	54	.00	fee			
13) Appro	ximate trat	a depths:	Fresh, _	16	0,	feet; sa	alt, N/A	feet.	OIL & GAS DIVISIO
14) Appro	ximate coa	l seam dep	ths: 160	11;21	0';65	5 Is c	coal being mined in	the area? Yes	DNO OF MIN
5) CASING									DEPT. OF THE
CASING OR	11		IFICATIONS	3	- 1	FOOTAGE	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	11 3/4	H-40		X	Cscu	30	0	0 Sacks	Kinds
resh water	85/8	ERW	23	X		1106'	1106'	To surface	NEAT
oal	85/8	ERW	23	X		1106'	1106'	To surface	Sizes
termediate	0 3/0	LIM				1100	1100	10 3411400	Sizes
roduction	41/2	J-55	10.5	X		5300 '	53001	250 Sacks	Depths set
ubing	T-2	0-33	10.5			V 1300 321h	2 11000		ired by rule 15-01
iners								or as requ	Perforations:
mers				N. 11			Topics to the	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Top Bottom
		7.0.1338			VIII A	340 35000 331000		11 H 12 F 12 F 13 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F 1 F	Dottom y
								a	
	HEIGHT -								
The state of the s	Miles II			(3)/10/	wedent	OFFICE USE	ONLY		havissei intistiidi.
						DRILLING P			The state of the s
	, -	001 0							Well work started
ermit number_	47-	-001-20	199					July 5,	
									Completion of the drillies
									ce with the pertinent legal re-
									and Gas Inspector, (Refer to tractor shall notify the proper
The state of the s					L. Company	ork has commend		wen operator of his con	tractor shan notify the proper
he permitted u	ork is as de	escribed in	the Notic	e and A	nnlicatio	n plat and reclar	mation plan subject	et to any modifications a	nd conditions specified on the
verse hereof.				c and r	ippiicatic	ii, piat, and recial	mation plan, subject	to any mounications a	nd conditions specified on the
ermit expires	Jul	ly 5,	1986	技量		unless we	ell work is commend	ced prior to that date and	prosecuted with due diligence.
									OTHER INSPECTIONS
BEARIKET	Agen		Plat:	Casir	10	Fee			
DUMMINE	Ageir	1	at.	Casii	lg l	rec			
	I.	1) 1	141	MI	1 /	707		110	/
	*						/	11/	A Reason
							Ac	Iministrator, Office of C	and Gas
OTE: Keep	ne copy of	this perm	it posted a	at the d	rilling lo	ation.			
									File
		Con	the movemen	a cida a	f the AD	DI ICANT'S COD	V for instructions	to the well energter	





OFFICE USE ONLY

		Watersheds		LOCATION: El
FRANCE COM IN COL	DESIGNATED AGENT	Couply (C	U.S. C. ELTERPRISES, I	WELL OPERATOR
	Address P. O.		25 709 .0.0	Address
188505 etalezholakora	DRILLING CONTRACTOR		TOR TO BE NOTIFIED	TOPM SAN A HO
100 611 1412 2	Mame S. J. T.		TON TOTAL TOTAL	Name
F@S.3.8 - V	Address • • • • • • • • • • • • • • • • • •		TO SECTION OF THE SEC	Address
2/V//Tarsyburat	Redrill / Sumulate		WORK: Dritt / Dritt	PROPOSED WELL
The second of the second			Plag off old formation	
DEN - 2 VIII Red hed		Table (Specify)	Older physical change in	GEOLOGICAL TAR
		reatfeet		(12) Festimated depth
DIE & GAS DIVISI	1997	fect; salt,		13) Approximate rra
DEPT. OF MIL	ing milled in the area? / es			[4] Approximate con
	VAES T CEMENT PREAM	FOOTAGE IN TER	(NC PROUKAN)	CASING AND TUB
			Weight Haw Land	98196 1378
V. Knob		- 100	V PST (8-1)	PAS. Isl
1627	estmis of the state of			B World a renow d
Sizes				0 (0.0)
	arbs2,0035 100	selt - Poosii	No. 32 12.01 No. 5	rmediate cuation
inclusion po partico	OF	FICE USE ONLY		100
e Perfóraciones				
	is to record the dates of cer	rtain occurrences an	d any follow-up inspections.	
This part of Form IV-2(b)	is to record the dates of cer			
This part of Form IV-2(b)	Date			Date(s)
	Date	Follow-up	inspection(s)	Date(s)
Application received	Date	Follow-up		Date(s)
Application received	Date	TAC HER TELLO		
This part of Form IV-2(b) is Application received Well work started Completion of the drilling	Date V.	ORPICE USE ONL	900c-100-	Y redmun turn
Application received Well work started Completion of the drilling process	Date 7. 1 VIIII	DRIVER OSH ONLD DERMINATION OF DESCRIPTION OF DESCR	. o o e e e e e e e e e e e e e e e e e	int number 22. 22. 3. s permit covering the w
Application received Well work started Completion of the drilling	Date Date D	ORPICE USE ONE DRIVELING PERM below is evidence of per creverse bereen healther	900c-100-	mit number s permit covering the w carent's subject to the 6
Application received Well work started Completion of the drilling process Well Record received	Date The View of the property of the parties of the parties addition, the well operator or his addition, the well operator or his o	ORPICE USE ONE DRILLING PERM below is evidence of per a reverse hereo. Neiller gay 1, called a refe. in ork has commenced.)	cil oper stor and well location shown onditions contained herein and on the citim as the contained herein and the formatted we call the contained and contai	mit number s perind covering the weet subject to the covering the wind consumer the consumer of the consumer that consumer the consumer that consumer the consumer that consumer the consumer that consumer that consumer the consumer that con
Application received Well work started Completion of the drilling process Well Record received Reclamation completed	Date The View of the property of the parties of the parties addition, the well operator or his addition, the well operator or his o	DRIVED USB ONE DRIVED Wise condense of percente berech healther part of condense of percente berech healther part of the companies of the percente berech.	cil operator and well location shown boditions contained herein and on the cities and on the categories of the contained actual permitted we served in the Notice and, ppicano	mit number s perind covering the weet subject to the control subject to the control of subject to the control of subject to the control of subject to the control subject to the control subject to the control of subject to the
Application received Well work started Completion of the drilling process Well Record received Reclamation completed	Date The Land of the Land of the Land of the Land of the Market of the	DRIVED USB ONE DRIVED Wise condense of percente berech healther part of condense of percente berech healther part of the companies of the percente berech.	cil oper stor and well location shown onditions contained herein and on the citim as the contained herein and the formatted we call the contained and contai	mit number s permit covering the w covering to the covering the the covering the c
Application received Well work started Completion of the drilling process Well Record received Reclamation completed	Date The Land of the Land of the Land of the Land of the Market of the	DRIVED USB ONE DRIVED Wise condense of percente berech healther part of condense of percente berech healther part of the companies of the percente berech.	cil oper stor and well location shown onditions contained herein and on the citim as the contained herein and the formatted we call the contained and contai	init number s permit covering the we carefully a contract of a contract

see the reverse side of the APPLICANT'S COPY for instructions to the well operator.

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

SURFACE OWNER'S COPY



1)	Date:	4AY 26		, 19
2)	Operator's Well No.	1000		
3)	API Well No.	47		
		State	County	Permit

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

4) WELL TY	PE: A C	oil	/ Ga	as X					
	B (1	If "Gas",	Production	n <u>X</u>	/ Under	ground stora	ge	/ Deep	/ Shallow/)
5) LOCATIO	N: Ele	evation: _		1606	Water	shed:	TYGART	VALLEY RIVE	110000000000000000000000000000000000000
	Dis	strict:		COVE	Count	y:	BARBOU	Quadrangle: _	NESTORVILLE 7.5'
6) WELL OP	ERATOR_	1 8 1		PRISES	S. INC.	7)	DESIGNATED	AGENT MICHAI	RD M. REDDECLIFF
Address	1000		BOX AS	THE RESIDENCE			Address	P.O. 1	IUX 48
		BUCKH	ANNON,	MV 2	26207			BUCKH	UNRUN WV 25201
8) OIL & GA	S INSPEC					9)	DRILLING CO	ONTRACTOR:	COLUMN TO THE PARTY OF THE PART
Name		ROBER					Name	S.W. JACK I	DRILLING CU.
Address	-	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS N	ROX RA	Service Services			Address	P.O. BOX 40	181 00003
		JANE	LEW, W	V 263	37R			BUCKHANNON	THE PROPERTY OF THE PARTY OF TH
10) PROPOSE	D WELL	WORK:	Drill	<u>X</u> /	Drill deeper	/	Redrill	/ Stimulate	DIS GELVIPII
					rmation/		new formation		ING O
				00 dt 1 t	nange in well (spec	ify)	Secretary Control	tana (Single Capital Ada	UN 1 3 1984
11) GEOLOGI	CAL TAR	GET FOR	MATION						JUN 1 0 130.
12) Estima				5400		feet	** **		OIL & GAS DIVISION
13) Appro				160		salt,	N/A	feet.	
14) Appro	ximate coa	l seam dep	oths: 160	, 1510,	1655	Is coal be	ing mined in the	area? Yes	DEPTO OF MINE
15) CASING A	ND TUBI	NG PRO	GRAM						
CASING OR TUBING TYPE		SPEC	IFICATIONS Weight		FO	OTAGE INTER	VALS	CEMENT FILL-UP OR SACKS	PACKERS
TOBING TITE	Size	Grade	per ft.	New 1	Used For drill	ling	Left in well	(Cubic feet)	
Conductor	13/4	H-40	42	X	30		0	0 Sacks	Kinds
Fresh water	85/8	ERW	23	X	11061	110)6'	To surface	
Coal	85/8	ERW	23	X	1106'	110)61	To surface	Sizes
Intermediate									
Production	44	J-55	10.5	X	5300'	530	00*	250 Sacks	Depths set
Tubing								or as eequ	ired by rule 15-01
Liners									Perforations:
									Top Bottom
1									
	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								
copies of (1) a No on Form IV-6, a	otice of Ap nd (4) a Co	plication for the construction of the construc	or a Well on and Rec	Work Perilamation	mit on Form IV-2(A Plan on Form IV-9	A), (2) an Ap 9, all for pro	plication for a V	Well Work Permit on a k on my surface land	Form IV-2(B), (3) a survey plat as described therein. nit being issued based on those
(For execution by	y corporati	ion, partn	ership, etc	.)		(For exec	ution by natura	al persons)	
NAME:						-1	nazu	A. Walle	Date: 6-4-184
Ву						Ho	nasy	signature)	Date: 6-4-'84 Date: 6-4-'84
Its				Date) (S	Signature)	Date:

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.



1)	Date:	MAY 26	11	_, 1984_
2)	Operator's Well No.	J 1000		
3)	API Well No.	47		
-/		State	County	Dormit

Coal Owner

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

4) WELL TY				s									4
								age				allow	/)
5) LOCATIO								TYGAR				CTODY!	7115 7 51
				COVE				BARBO					
6) WELL OP					HU.		/)	DESIGNATED	AGENT .				TT ILL
Address			BOX 48		0.0.2	-		Address				LWV	26207
				WV 26	201		0)	DRILLING CO	ONTRACT		THE PRINT ST		COLUM
8) OIL & GA							9)	DRILLING CO					0
		T. This list See E.	A SHE R BOLD	IART				Address	The second secon	The same of the sa	100 C 11 100 100 K 100	TIME CI	
Address		· · · · · · · · · · · · · · · · · · ·	BOX 3/		0			Address	RUCK			2620	1
		JAME	San Bra 177 gr. 9	N 2637	-11			/ D-4-:11					
10) PROPOSE	D WELL V	VORK:	Drill	X / Di	'ill	deeper	-6	/ Redrill	/ 50	muiate	m	3(2)	3101/15
								new formation				500	
						(specify)_					TIL		1 2 4004
(1) GEOLOGI	CAL TARC	GET FORM	MATION,	FARRI			Faat				- Intil beet	JUN	1 3 1384
12) Estima	ated depth o	f complete	ed well, _	54001		C	relt	N/A	feet				הואוכוח
13) Appro	ximate trata	depths:	Fresh,	100	No har har A	ieei;	Sall,	N/A	a area? Ve	·c	9	IL & G	AS DIVISIO
				3, \$510. B	h h h		is coai c	eing mined in the	calca: 10	.5	DE	PT.	OF MIN
15) CASING A	AND TUBI							THE STATE OF THE S	II CEMEN	T FILL-UP	-	PACKER	•
CASING OR TUBING TYPE		SPEC	FICATIONS Weight			FOOTA	GE INTI		OR	SACKS		TACKER	
TUBING TIFE	Size	Grade	per ft.	New Used		For drilling		Left in well		oic feet)			
Conductor	11 3/4	H-40	1 42	X		30		0		acks "	Kinds		
Fresh water	85/8	ERM	23	Y /		1106'		1106'		surfae			
Coal	25/9	ERW	23	X		1106'		106'	10	surfac	Sizes		
Intermediate									0.000		2 1		
Production	130	3-55	30.5	X		53001		5300'		Sacks			7- 75 07
Tubing	2								or	as se			ule 15-01
Liners											Perfora	THE RESERVE	Bottom
											Тор		Bottom
									1				
								7					
			INIC	TRUCTION	STOC	OAL OPE	RATO	R, OWNER, OR	LESSEE				
											uish to me	aka or	
	The	named coa	l operator	, coal owner	s), and	coal lessee	are her	eby notified that	hin fifteen	(15) days	after the r	eceipt	
	are requir	ed to mak	e by Code	§22-4-3 must	be med	with the L	Jepartii	ent of Mines wit	mm micen	(15) days			
	of this A		by the De										
		The follo	wing waiv	er must be co	omplete	d by the co	oal oper	ator and by any	coal owner	or coal l	essee		
		who has	recorded a	declaration	under C	ode §22-4-	20, if th	ne permit is to be	e issued wit	hin fifteer	1 (15)		
		days of t	he filing o	f the Applica	tion.								
						WAI	VER						
								_/ lessee		/ of th	e coal unc	lor this we	Il location has
The undersig	ned coal op	erator _	7.0	/ ow	ner _	ware the ar	ea of th	e well location, t	the well loca	ation has	been adde	d to the m	nine map. The
examined this	proposed we	ell location	. If a min	e map exists v	one at th	is location	. provio	led, the well ope	rator has co	omplied w	ith all app	olicable re	quirements of
the West Virgi	nia Code an	d the gov	erning reg	ulations.									
the west viigi	a couc an	83.	0 - 70					H.11.	nan C	1.5	& C	Ka (
								111110	man C	val	2 00	THE !	
	1			0.1				1.7.00).	RX	(of ()	
Date: W	ay ?	29		19 84			By	- WW	liam	17.1	TONG		
	J						1	1	loais-	L			
							Ite	OPD	10011		THE PERSON NAMED IN	The state of the s	

	1V-2(A)				Date: MAY	26 ,19 84
Obver: [8-83]				2)	Operator's	=
[0-05				2)	Well No. J-10)00
1	•			3)	API Well No. 47	001-2099
		STATE OF WES DEPARTMENT OF MINES,				County Permit
		NOTICE OF APPLICATION F				
4) SU	RFACE OWN	ER(S) OF RECORD TO BE SERVED		COAL O		
	Name		3(1)	Address		
(1)	Address	Lindsey Wolfe Route 1				
		Moatsville, WV 26405	5(ii)	COAL OF	NER(S) WITH DECLAR	RATION ON RECORD:
(ii)	Name			Name	Hillman Coal 8	Coke Co.
	Address_	1		. Addre	ess 1900 Grant Blo Pittsburgh, PA	
(iii)	Name			Name		1 13213
()	Address			Addre	ess	
		The state of the s		1 23		-
			5(111)	COAL LE	SSEE WITH DECLARAT N/A	ION ON RECORD:
				Addre		
					2 × 2 × 2 × 2	
		TO THE PERSON(S) NAMED ABOVE: You should ha				
		 The Application for a Well Work Per to be plugged, which sets out the 	mit on Form IV	-2(B) (or Fo	orm IV-4 if the well is	
		and describes the well and its locations are commenting program;	ation and, if a	pplicable, t	he proposed casing and	वासारायाना
		(2) The plat (surveyor's map) showing	the well location	on on Form 1	V-6; and	PRINTE !
		(3) The Construction and Reclamation P. plug a well), which sets out the p.	lan for erosion	and sedimer	t control and for	W.
		reclamation for the site and access THE REASON YOU RECEIVED THESE DOCUMENTS		AVE DICHTS D	ECADOTAC MEE ADDITION	UN 6 - 1984
		WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU.	IN THE REVERSE S HOWEVER, YOU	ARE NOT REC	COPY OF THE APPLICATION	
		Take notice that under Chapter 22 of th	ne West Virginia	Code, the	undersigned well	. OF MINES
		erator proposes to file or has filed this No for a Well Work Permit with the Administrator	otice and Applic	cation and a	companying documents	
		Department of Mines, with respect to a well and depicted on attached Form IV-6. Copies	at the location	described	on attached Application	
		Construction and Reclamation Plan have been by hand to the person(s) named above (or by before the day of mailing or delivery to the	mailed by regis	stered or ce	rtified mail or delimend	
		6) EXTRACTION RIGHTS	Administrator.			
		Check and provide one of the following:				
		Included is the lease or leases or oth I hold the right to extract oil or	er continuing o	contract or o	contracts by which	
		The requirement of Code 22-4-1-(c)(1)	through (4). (S	ee reverse	side for specifics.)	
		7) ROYALTY PROVISIONS Is the right to extract, produce or market				
		or other contract or contracts providing	for flat well m	ovalty or ar	ar cimilar provision	
		for compensation to the owner of the oil of to the volume of oil or gas so extracted,	produced or may	which is not rketed? Yes	No No	
		If the answer above is No, nothing you may use Affidavit Form IV-60.	g additional is	needed. If	the answer is Yes,	
		See the reverse side for line item in	estructions are	d for inches	*****	
		the required copies of the Notice and Reclamation Plan.	Application, p	plat, and Co	nstruction and	
		the information on the	WELL			
		plication is verified	OPERA	TOR	J & J FNTERPE	RISES, INC.
		and the Notice is alf of the Well Operator	Free	20	() WIZ	1 lo e O o O):
	y County	and State by	Its	colle	DESIGNATED AG	ENT
		RICHARD M. REDDECLIFF ,	Add	ress	P.O. BOX 48	
	26 day of		m 1		BUCKHANNON, W	VV 26201
Ivi	U	ion expires 12. 7, 1992.	Tel	ephone_	472 - 9403	
7.7	Dregor					
	tate of	Lac, Gilmer County,				

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out 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-lb(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 corporation 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 § 22-4-12b 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 owner 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-lm, 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 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 (Assignor) Beckler Energy, Inc. J & J Enterprises, Inc. 99/611

Sherman B. Lindsey &Mary Eloise Lindsery Beckler Energy 1/2of1/8-100% 89 605

Virginia Boyles &Charles B. Boyles Beckler Energy 1/2of1/8-100% 89 605





DATE March 19, 1984

WELL NO. J-1000

API NO. 47-001 -2099

State of Mest Airginia Pepariment of Mines Gil und Gas Advision

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J & J Enterprises, Inc.	DI	ESIGNATED AGENT Richard Reddecliff	
		Address P.O. Box 48 Buckhannon, WV	26201
Telephone 304-472-9403		Telephone 304-472-9403	
LANDOWNER Lindsey Wolfe	. Nice	SOIL CONS. DISTRICT Tygarts Valley	
Revegetation to be carried out by	J & J E	nterprises, Inc. (Agen	t)
This plan has been reviewed by	" and	Malley SOD. All corrections	men.
and additions become a part of this pla		130/840 DECEI	YEIII
	1	N Theeman JUN6-	1084
	Jes	(SCD Agent)	NUCION
ACCESS DOND	0	CII & CAE	MINES
ACCESS ROAD		LOCATION DEPT. OF	IAIII 4
Structure Drainage Ditch	(A)	Structure Diversion Ditch	(1)
Spacing see sketch		Material Earthen	
Page Ref. Manual 2-12		Page Ref. Manual 2-12	
D 103		Din Doà	
Structure Road Gulvert	(B)	Structure Rip-Rap	(2)
Spacing minimum 15"		Material Logs or brush	
Page Ref. Manual 2-7		Page Ref. Manual 2-16	,
Charles Danie	(C)	Strandard Calimat Pania	(2)
Structure Cross Drain	(C)	Structure Sediment Barrier	(3)
Spacing see sketch		Material Staked hay bales	
Page Ref. Manual 2-1		Page Ref. Manual 2-16	14.
All structures should be inspected commercial timber is to be cut and s cut and removed from the site before	tacked and	all brush and small timber to be	
	EVEGETATIO	N	
Treatment Area I		Treatment Area II	
or correct to pH 6.5	е	Lime 3 Tons/acr	e
Fertilizer 600 lbs/acre		Fertilizer 600 lbs/acre	Y
(10-20-20 or equivalent)		(10-20-20 or equivalent)	
Mulch Hay 2 Tons/acr		Mulch Hay 3 Tons/acr	
Seed* KY-31 30 lbs/acre		Seed* Orchard Grass 30 lbs/acre	
Annual Rye 10 lbs/acre Red Clover 5 lbs/acre	A MARKET OF	Red Clover 5 lbs/acre	
		emingle filter an about the second and an about the second and a secon	
*Inoculate all legumes such as vetch Inoculate with 3X recommended amount.	, trefoil	and clovers with the proper bacterium.	
	=- : N ===	PARED By . Smith Land Surveying Co.	
7.775		•	-
acchemistration to their at hier		ADRESS 111 South Street	- 1
seeding for one growing season. Attach setamate sheets as		Glenville, WV 26351	-
negessore for governes		304-462-5634	

P 574 015 749

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

(See Reverse)

3-517	SeAttoLMAN COAL & COK	E CO.
83-403	Street and No. 1900 GRANT BLDG.	
* U.S.G.P.O. 1983-403-517	P.O., State and ZIP Code PITTSBURGH, PA 15	219
S.G.	Postage	\$33
*	Certified Fee	.75
	Special Delivery Fee	
	Restricted Delivery Fee	
	Return Receipt Showing to whom and Date Delivered	-60
1982	Return receipt showing to whom, Date, and Address of Delivery	
Feb. 1982	TOTAL Postage and Fees	\$/,72
Form 3800,	Postmark or Date 5	
PS For	ULF3/	
D.		F 10 37 8 10 18

OIL & GAS DIVISION
DIPT. OF MINES

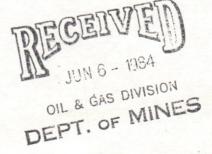
P 574 015 645

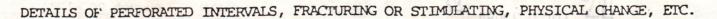
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED NOT FOR INTERNATIONAL MAIL

(See Reverse)

3-517	Sent to LINDSEY WOLFE	
83-403	Street and No.	
U.S.G.P.O. 1983-403-517	P.O. State and ZIP Code MOATSVILLE, WV 2	6405
S.G.P	Postage	\$,37
1 *	Certified Fee	.25
	Special Delivery Fee	
	Restricted Delivery Fee	
	Return Receipt Showing to whom and Date Delivered	:68
1982	Return receipt showing to whom, Date, and Address of Delivery	
Feb. 1982	TOTAL Postage and Fees	1.>2
PS Form 3800,		•





Haverty: Perforations: 5320-26 (8 holes) 5408-10(8 holes) 0121/13 245

Fracturing: 350 sks. 20/40 sand:550 Bbls. fluid.

Elks: Perforations: 4809-11(6 holes) 5040-43 (8 holes)

Fracturing: 300 sks. 20/40 sand: 500 gal. acid: 580 Bbls. fluid.

Elks: Perforations: 4348-51 (5 holes) 4510-12(3 holes) 4544-45(3 holes) 4572-73 (2 holes) 4594-96 (6 holes)

Fracturing: 350 sks. 20/40 sand: 500 gal. acid: 633 Bbls. fluid.

Speechley: 2951-58(16 holes) Fracturing: 300 sks. 20/40 sand: 500 gal. acid: 350 Bbls.fluid.

BOTTOM HOLE PRESSURE Pf=Pwe XGLS $=\overline{29901} = 0.000033$ Pf=1250 x 2.72 (0.000033) $t=6- + (0.0075 \times 5435) + 459.7 = 560 \times 53.35 \times 560$ $(0.662)(4181)(0.9) = 1250 \times 2.72^{0.08} = 1250 \times 1.08$ Pf=1350 psi

WELL LOG REMARKS FORMATION COLOR HARD OR SOFT Including indication of all fresh TOP FEET BOTTOM FEET and salt water, coal, oil and gas Fill 5 Shale & sand 5 45 1/2" stream @ 90' Coal 45 48 Sand & sandy shale 48 205 Gas ck @ 2178 No show Sand & shale 205 695 Shale, sand & red rock 695 915 Gas ck @ 2394 No show Sand & shale 915 1350 Little lime 1350 1400 Gas ck @ 2550 No show Big lime 1400 1485 Lime & sand 1485 1575 Gas ck @ 2770 No show Sand, shale & red rock 1575 2150 Sand & shale 2150 2951 Gas ck @ 2927 No show Speechley 2951 2958 Sand & shale 2958 4348 Gas ck @ 2990 4/10-2" w/water 1st Elks 4348 4396 130,000 cu.ft. Sand & shale 4396 4809 3rdtElks 4809 5043 Gas ck @ 2546 2/10-2" w/water Sand & shale 5043 5320 114,000 cu.ft. Haverty 5320 5410 Sand & shale 5410 Gas ck @ 4197 2/10-2" w/water 5595 T.D. 114,000 cu.ft. Gas ck @ 5158 odor

(Attach separate sheets as necessary)

J&J Enterprises, INc.

Well Operator

Robert Dahlin-Goelogist

Date:

8/20/84

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 wal, encountered in the drilling of a well." IV-35 (Rev 8-81)





OIL & GAS DIVISION State of Mest Hirginian DEPT. OF MINES Department of Mines Bil und Gas Bivision

	August 20, 1984
Operator	
Well No.	J-1000
Farm	Sherman Lindsey
API No.	47 - 001 - 2099

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

OCATION: Elevation: 1606 Watershed	Tygart Va.	lley River		
District: Cove County Barb	our	Quadrangle	Nesto	rville 7.5
				100
	24.4			
COMPANY J&J Enterprises, Inc.			Toft	Cement
ADDRESS P.O. Box 48, Buckhannon, WV 26201	Casing	Used in		fill up Cu. ft.
DESIGNATED AGENT Richard Reddecliff	Tubing	Drilling	In well	Cu. IC.
ADDRESS P.O. Box 48, Buckhannon, WV 26201	Size 20-16			and the second
SURFACE OWNER Lindsey Wolfe	Cond.			19.3 bas
ADDRESS Rt. #1, Moatsville, WV 26405	13-10"	19.50	0	0 sks.
MINERAL RIGHTS OWNER Sherman Lindsey and	9 5/8			210
ADDRESS Charles Boyles, Addresses unknown	8 5/8	1316.45	1316.45	310 sks.
OIL AND GAS INSPECTOR FOR THIS WORK Russell	7		<i>n</i>	
Beall ADDRESS P.O.Box 160, Philippi, W	5 1/2			
PERMIT ISSUED 7/15/84 26416	4 1/2	5435.16	5435.16	600 sks.
DRILLING COMMENCED 7/19/84	3			
DRILLING COMPLETED 7/25/84	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used			
ON		De	pth	fee
GEOLOGICAL TARGET FORMATION FOX	Potary	x / Cab		
Deput of calpione		0 fee		
Water strata depth: Fresh 90 feet	January Sail	l being mi	ned in th	ne area? No
Coal seam depths: 45-48	_ 15 000	I being me		
OPEN FLOW DATA			5408	
- 1 in formation	F	Pay zone de	pth_5320	-26 fee
Tritial open flow MCI/O	011:	unciai opo		
Combined rinal open flow 539 Mcf/d	L. Carrier	inal oben	I I OW	
mime of open flow between in	itial and	final test	ts 4	hours
Static rock pressure 1250 psig(surf	ace measu	rement) af	ter 96 h	ours shut
7+:-17 ++	021		5040)-43
e and amount formation Elks		Pay zone d	epth 4805	1-58
Thitial open flow MCI/O	d Oll:	HILLIAI OF		
Final open flow Mcf/	d Oil:	Final oper	1 110w	
Time of open flow between i	nitial and	final tes	sts	- nours

Permit No. 00/- 2099

STATE OF WEST VIRGINIA

ing A St. of Market of the

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Oil or Gas Well____

Company J	*J	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PAC	KERS
Address		Size				
	Haller - Wolf	16		*	Kind of Pa	cker
Farm	1-1000 J-1000	13				
Well No.	7 1000	10		- TAN 10-10-13	Size of	
District	County	81/4				
Drilling commenced		65%			Depth set	
		5 3/16				
Drilling completed	Total depth	- 3			Perf. top_	
Date shot	Depth of shot	2			Perf. botto	m
Initial open flow	/10ths Water inInc	h Liners Used			Perf. top_	
Open flow after tubing	/10ths Merc. inInc	h			Perf. botto	m
Volume	Cu. F	t. CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbshr	s. NAME OF SEL	RVICE COMP.	ANY		
Oil	bbls., 1st 24 hr	s. COAL WAS EN	COUNTERE) AT	FEET	INCHES
Fresh water	feetfe	et FEET	INC	HES	FEET	INCHES
Salt water	feetfe	etFEET	INC	HES	FEET	INCHES
Drillers' Names	SACIZ					ZKIL KAR
- Trained						
Remarks:	START KOA	d_				

7/16/84 DATE

RG. Beach 501

Form 26 2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

			ADDRESS						
FARM		DISTRICT	C	COUNTY					
	2.37	2.F16.G	MARKET						
filling Material Used			ale:						
iner Loc	cation	Amou	unt Packer	Loc	ation				
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASINO	AND TU	BING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST			
A STATE OF THE STA									
		And the second s							
			The second secon						
				o dagott		inile			
				4.0.3					
				A TOTAL CONTRACTOR OF THE PARTY	A A STATE OF THE S	8 8) 3(80 L)			
		- accompliance const	reward and the second	#151\	gaidat 10				
		28/3/1912 (1.54)	- Detector of the						
						un mentil			
	7 . 17 . 17	totan nie a							
			A						
Orillers' Names									
153VI				20.17		7. 10.0			
Remarks:									
	I hereby certify I vis	ited the above	well on this date.						
DATE									

Permit N00/-2099

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES





INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. OF MINES

CASING AND USED IN LEFT IN PACKERS Company Size Address Kind of Packer___ Farm 13 Well No. Size of____ District Depth set___ 65/8_ Drilling commenced 5 3/16_ Drilling completed____ Total depth Perf. top___ Date shot_ Depth of shot Perf. bottom____ Liners Used Perf. top____ Initial open flow___ _____/10ths Water in_ Perf. bottom_ Open flow after tubing_____/10ths Merc. in___ SIZE __No. FT.____Date Volume_ CASING CEMENTED____ Cu. Ft. NAME OF SERVICE COMPANY lbs. Rock pressure_ _INCHES _bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT_____FEET___ FEET_ FEET_ INCHES___ INCHES Fresh water_ feet feet INCHES FEET INCHES Salt water_ FEET Rig #23 Drillers' Names. Remarks:

7/19/84

RGBeace 501

Form 26 2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY	w 40		ADDRES	S			31 6 93	
FARM		DISTRICT .	ICT COUNTY					
	4.2 W		STRUT				VE hystu	
Filling Material Used			23.5					
Liner Loc	cation	Amou	nt	Packer	Loc	eation		
PLUGS USED A	ND DEPTH PLACED		BRIDGES		CASING	ING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUC	CTION-LOCATION	RECOVERED	SIZE	LOST	
					1 1			
						19191	THE RESTRICT	
							17 (S) (B)	
				1. 18 18 18 18 18 18 18 18 18 18 18 18 18	1007	- C.	Proming Colo	
				A second	odefers	and the second		
				* (m. 1921 - 1921 - 1921 - 1922 - 1				
Maria and the second		JOST WILLIAM CO.	DISTRACT ASS	and Survey and a superior and a supe		- Sand Sand Selection	2772	
		a veze e	C SNSA M		and?		51228-11 I	
				SEE IN ARCHIT			Contract Con	
Drillers' Names	ay of the same	Section 1 Section 1						
Remarks:						and the second second		
Tomario.								
	I hereby certify I vis	ited the above v	well on this date					
DATE								

ml-2099

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No.			Oil of	Gas Well	
Company J+J	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address	Size				
(Mar. I	16		X 1	Kind of Pac	ker
raim	13			7	
Well No	10			Size of	
DistrictCounty_OO/	81/4				
Drilling commenced 7/19	65%			_ Depth set_	
	5 3/16				
Drilling completedTotal depth	3			Perf. top	
Date shotDepth of shot	2			Perf. botton	n
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. botton	n
Open now after tubing / Joins Merc. ininch					
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressurelbs,hrs.	NAME OF SEF	RVICE COMPA	ANY		
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh waterfeetfeet	FEET	INC	HES	_FEET	INCHES
Salt water feet feet	FEET	INCI	HES	_FEET	INCHES
Drillers' Names JACIC - R.	c #2 3				P. Arendy
Drillers. Names					
Remarks: Deg - 528' & 2:00					

7/20/84

R. G. Beace

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY	98.30		ADDRESS				2-9246
FARM		DISTRICT COUNTY					CONTRACTOR OF THE SECOND SECON
Filling Material Used	3,0340 2000		6118 V 80 ²				777
Liner Loc	cation	Amou	int	Packer	Loc	ation	
PLUGS USED A	ND DEPTH PLACED	BRIDGES		3	CASINO	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION	-LOCATION	RECOVERED	SIZE	LOST
					3 (30		Section 1978
					424		2
The second second			i destruire de la companio				
and the second		Company of the second of the s					2.4
				ALL THE CHARGE THE PARTY OF THE			
	2 3 75 75						
Drillers' Names		The second second					
					. See		
Remarks:		ana ing mga kana ang mga ang m			en kannen griffen er sentre et en	activities of the second control of the seco	
romarks.							
	I hereby certify I visi	ited the above v	well on this date.				
DATE	,						

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

Permit N.00/- 20	99			DEP	& GAS PIVIS	NES
Company	TYJ	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address	c.l	Size			Kind of Pac	ker
Well No	0	13		to case take so a	Size of	A. 10
District	County_BARBOUR	8½ 6%			Depth set_	
Drilling completed 1/2		5 3/16			Perf. top	
		Liners Used		7	Perf. botton Perf. top	
Open flow after tubing	/10ths Merc. inInch				Perf. botton	1
	Cu. Ft.	NAME OF STREET			No. FT	Date
	bbls., 1st 24 hrs.		COUNTERED	AT	FEET	INCHES
Fresh water	feetfeet	FEET_	INCH	ES	FEET	INCHES
Salt water	feetfeet	FEET_	INCH	ES	_FEET	INCHES
Drillers' Names	JACK Rig 23					and the second
Remarks:						

7/24/84

Phheall

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

COMPANY	All and the state of the state		ADD	RESS			1914 Table	
FARM		_ DISTRICT	# 10 (1900 a) 10 (10 (10)	C	OUNTY	gradust a constitue		
	1,13%	1980 - 2					Vana ssa	
Filling Material Used								
Liner Loc	cation	Amou	unt	nt Packer		Location		
PLUGS USED A	ND DEPTH PLACED			BRIDGES	CASINO	G AND TU	BING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONS	TRUCTION-LOCATION	RECOVERED	SIZE	LOST	
Jan Wacl			1 19					
- P. C. W. W. J. W.						- 10 m	Contract Con	
22.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2			Tr.	Sunt 2 Sun Sunt	to Algari	Albert about the first	A	
							ti man latta	
Laurent Material (2) W								
				e en M	9991	Smiles in		
to Tanana TT games		3272343				All the same of		
	- WARRO	321113	80 B10.87				Special (%	
				and the same and the				
1311 Wa								
Drillers' Names	### ## ## ## ## ## ## ## ## ## ## ## ##	The same of the sa	100					
C4937	2750VC.	Tali		1000	10.07		Shire_Sh	
Remarks:								
	I hereby certify I vis	ited the above	well on this	date.				
DATE								
					STRICT WELL IN	ISPECTOR		

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit N6-01- 1049			Oil or Gas Well		
Company J4J	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS	
Address	Size				
Farm WOLF	16			Kind of Packer	
Well No	13	ans 3			
DistrictCounty_00/	81/4			Size of	
Drilling commenced	65%			Depth set	
Drilling completedTotal depth	5 3/16				
Date shotDepth of shot	32			Perf. top	
Initial open flow/10ths Water inInch	Liners Used			Perf. bottom	
Open flow after tubing/10ths Merc. inInch				Perf. bottom	
/olumeCu. Ft.		IMPD.			
ock pressurelbshrs.	NAME OF SERV			No. FTDate	
il					
resh waterfeetfeet				FEETINCHES	
alt water				FEETINCHES	
CONIT - will:	FEET	INCHE	S	FEETINCHES	
rillers' Names				California (
marks:	5	11-			
FINISH Gradine	ala h	a neg		should be	
QK WIII	unter	Kalu			

8/22/84 DATE

RG Beau-501-

DISTRICT WELL INSPECTOR

Form 26 2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

MDANV			ADDRESS			35 -10	N. Santa
OMPANY		DISTRICT		C	OUNTY	asolatic school	
ARM		DISTRICT _			The second secon		
lling Material Used							
ner Loc	ration	Amour	nt	Packer	Loc	ation	
			BRIDGI	ES	CASING AND TUBING		
	ND DEPTH PLACED	LEAD	CONSTRUCTIO		RECOVERED	SIZE	LOST
CEMENT-THICKNESS	WOOD-SIZE	LEAU	CONCILICOTA				
							36.60
						- 17 % a 250	10 to 200
Maria de la companya				the state of the s	io dag Million		
				10.00	4		L mag 1 to
				Magazina San Ma	8 1	gu dus ti	e face and face
		1.085.1235	antako (. S. S	I same and the same of the sam			
	The American	S. 1805-880	COMMON SERVICE			-	90074750
and the second s							
	net a gen		et cannier				
Drillers' Names	and a depart of Area						
					1853		
Remarks:							1917
	I hereby certify I	visited the abov	e well on this date.				





OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia

Department of Mines Gil and Gas Division Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
September 17, 1984

	September 17,	1984	
COMPANY	J & J Enterprises, Inc.	PERMIT NO	001-2099 (7-05-84)
P. 0.	Box 48	FARM & WELL NO	Lindsey Wolfe #J-1000
Buckh	annon, West Virginia 26201	DIST. & COUNTY	Cove/Barbour
		TN	COMPLIANCE
RULE	DESCRIPTION	YE	
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 Was 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 & Gathering Well Records on Site Well Records Filed Identification Markings	ste	
T HAVE T			
1 HAVE II	NSPECTED THE ABOVE CAPTIONED WELL AND RE	COMMEND THAT IT	Γ BE RELEASED:
		SIGNED Was	All Elle
		DATE 7-5	7-85
Ollar	record was received and reclamation rester 22, Article 4, Section 2, the above for the life of the well.	Well will rema	in under bond il & Gas Division
		Jul	y 18, 1985
		בותי א כו	

FERC-121

1.0 API well num (If not availab	ber: ble, leave blank. 14 digits.)	47-001-2099						
	mination being sought. is found on the front		103 Section of N	IGPA	N/A Category Cod-			
	deenest completion his needed if sections 103 anove.i							
applicant: (3	s and code number of 5 letters per line code number not e plank,)	Name Street Cit.	009480 Seller Code					
or (b).] (a) For onsho	ore wells smaximum for field	Field Nar	Cove Barb	our	WV			
(b) For OCS	wells:	Area Nan	N/A Date of Le. Mo. Day		Block Number			
	identification number II: (35 letters and digits .)	J-1000						
	or 5 in 2.0 above, name ervoir: (35 letters .)	N/A						
purchaser: maximum	code number of the (35 letters and digits). If code number not leave blank.)	Name	Tenne	essee Gas Pi	peline C.	Buyer Code		
(b) Date of th	e contract:			Mo. Day	Yr.			
(c) Estimated	annual production:				MMcf.			
			(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)		
7.0 Contract price. (As of filing da decimal places	ite. Complete to 3		2.917	278		3.20_		
8.0 Maximum lawf (As of filing da decimal places.	te. Complete to 3		2.917	278		3.20_		
9.0 Person respons Adency Use Date Received by Ja AUG 2 9 1 Date Exercised by F	984	Name Signature Date Appl	Richa PASS-84 8-25-84	ard J. Kline	Secre Title (412) 349–68 Phone Number	_		

U.S. DEPARTMENT OF ENERGY

Federal Emission Pegulatory Commission V. a. moton, D.C. 20426

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA) (Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Commette each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202), 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

Section of NGPA	Category Code	Description
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	, 4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107		High cost natural gas
108		Stripper well

Other Purchasers/Contracts:

Contract Date	Purchaser	Buyer Code	
(Mo. Day Yr.)			

Remarks:

AUG 7.9 1984

DATE: SFP 1 4 1984	BUYER-SELLER
OPERATOR: J & Enterprises his.	
T PURCHASER: Tennessee Dos Pipeline	
Va Department of Mines, Oil & Gas Division	
840829 - 103 - 001 : 2099 QUALIFIED	••
a Abeve File Number on all Communications	
Relating to Determination of this Well	
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS HISSING	
NO. 1. FERC -121 Items not completed - Line No	
2. IV-1 Agent	
3. It-2 Well Permit	
4. 1V-6 Vell Plat	
5. 14-35 Wall RecordDrilling	
6. 1V-36 Gas-Oil Test: Gas Only Was Oil Produced	Ratio _
7. IV-39 Annual Foduction years	
8. IV-40 90 day Production Days off line	
9. IV-48 Application for certification. Complete?	
7. IV Form 51 - 52 - 53 - 4 - 55 - 56 - 57 - 58 Complete?	
E. Other: Survey logs Geological Ch.	erts
Structure Map 1: 4000 Map Gas Analyses	Well Tabulations
5) Date commenced: Date completed	Deepened
5) Production Depth:	
5) Production Formation:	
5) Final Open Flow:	
5) After Frac. R. P.	
f) Other Gas Test:	
" Avg. Dauly Gas from Arrowl Production:	
Fr. Avg. Daily Gas from 90-3ky ending w/1-120 cays	
Line Fressure.	FER free to
Cl Frequities Free Corrletter Septem	
7. Form lease any more indicate enhanced recovery teams con-	
7. Is affidavy signed" Notarized"	
efficial well record with the Department confire the parmittee	
tional increation Does computer program confir	
being trainer Constitue to by buce.	

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

Cote August 25 1984
Operator's
Well 1:0
API Kell
No. 47 - County Permit
State County Permit

WELL CLASSIFICATION FORM NEW ONSHOPE PRODUCTION WELL MCPA Section 103

Me

Da

WELL OPERATOR J & J Enterprises, Inc. ADDRESS P. O. Box 697 Indiana, PA 15701 CAS PURCHASER Tennessee Gas Pileline Co. ADDRESS P.O. Box 2511 Houston, Texas 77001

 $=\overline{29901} = 0.000033$ Pf=1250 x 2.72 (0.000033)

Date surface drilling was begun:__ July 19, 1984

Indicate the bottom hole pressure of the well and explain how this was calculated:

Rock Pressure:

Well was shut in several days after treatment and pressure was measured with a spring gauge.

BOTTOM HOLE PRESSURE Pf=Pwe XULS 1 $t=6- + (0.0075 \times 5435) + 459.7 = 560 \times 53.35 \times 560$ $(0.662)(4181)(0.9) = 1250 \times 2.72$ $0.08 = 1250 \times 1.08$ Pf=1350 psi AFFIDAVIT

I. James H. McElwain .. having been first sworn according to law stare that surface drilling of the well for which this determination is sought was begun on or after February 19. 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a protation unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing as in commercial quantities of or which surface drilling began on or after February 19, 1977, and which the best of my information, knowledge and belief, that the well for which this determination is sought application which is inconsistent with this conclusion. ames of moderain

STATE OF WEST VIRGINIA

COUNTY OF Indiana . TO WIT:

I. Vicki L. Vanderberg, a Notary Public in and for the state and county aforesaid. do certify that J.H. McElwain , whose name is signed to the writing above, bearing date

, 1984, has acknowledged the same before re, in my county aforesaid and official seal this 25 day of Aug. 1984. the 35 day of _

Civen under my hand and official seal this 25 day of My XMXXXXXXXXXXX expires on the 23 day of January

Commission

[NOTARIAL SEAL]

VICKI L. VANDERBERG, NOTARY PUBLIC INDIANA BOROUGH, INDIANA COUNTY MY COMMISSION EXPIRES JAN. 23, 1988 Member, Pennsylvania Association of Notaries

DEPARTMENT OF MILES, OIL AND CAS DEMISION

one august 25,1984

Operator's J-1000

API Vell No. 47 - 001 -2099

STATE APPLICATION FOR LITE CL'SSIENCE PION

Previous File No.

WELL OFFRATOR J & J Enterprises, Inc.	DISICATED ACEST James R. Willett ADDRESS S. W. Jack Drilling Co.		
Indiana, PA 15701	Box 48, Buckhannon, W. VA. 26	201	
Cas Purchase Contract No and D	(Month, Cay and year)		
Meter Chart Code			
Name of First Purchaser P.O. Box 2511 Houston, Texas 77 (City)	(717 Code)		
FERC Seller Code 009480	FERC Buyer Code	7	
TYPE OF DETERMINATION BEING SOUGHT:	103 N/A		
(1) Initial determination (See FERC Form 121.) (2) Determination that increased production is	s the result of commercial		
(3) Determination of a seasonally affected well	Richard J. Kline Secretary Name Print P. O. Box 699 Stiret or P. O. bex Indiana PA 15701 City State (Zip Code)		
	Arca Phone Nurser		
(Certificate of Proof of Service to Purchaser)			
(All of the above to be completed by the Operator/	Applicant)		
(To be completed by Jurisdictional Agency. Execut purchaser, if known).			
(NCPA): [for determination that increased pr	a request. I for certification of the above de sinder the Matural Cas Policy Act of 19 oduction is the result of enhanced recovery technion of a seasonally affected well under fection	108 01 (
All interested parties are hereby notificate of the Oil and Cas Division in Charlest be heard there will be a public hearing, if reques	on, Vest Virginia, or as soon therealter as it reced, or if objection is filed.	nay.	
This application is assigned File No.	· · · · · · · · · · · · · · · · · · ·		
Initial review of information submitted entitled to certification as claimed under the Eat and any additional evidence will be made at the tias the natter may be heard.	ural Cas Policy Act (NCPA). A review of this extends appointed for a public hearing or as soon the		

Unless objections are tirely filed or a request for a hearing is rade within fifteen (15) days, a hearing will not be held except on exparte notion of the department and the matter will go to determination.

WEST VIRCINIA DEPARTMENT OF MINES

AUG 29 1984

Date received by Jurisdictional agency

