1) Date:	Dec. 30	, 19_82
2) Operator's Well No.	J-743	

47

State

3) API Well No.

095

County

1020

Permit

STATE OF WEST VIRGINIA

DRILLING CONTRACTOR:

S.W. Jack Drilling COmpany P.O. Box 48 DEPARTMENT OF MINES, OIL AND GAS DIVISION

	B (If "	'Gas'', Pro					/ Deep	_/ ShallowX_/)
5) LOCATION:		tion:	1031	10 to	Watershed: Sl			_/ Silatiow/)
	Distri	ct:		rville	County: Tyle	c	Quadrangle:	West Union
6) WELL OPER		P.O.		ises, Inc.	11)			d M. Reddecliff
Address	Park Mari	CONTRACTOR OF THE PARTY OF THE		WV 26201	<u>nga k</u> ang panggan pang Inta kan hanggan pang	Address	P.O. B	
7) OIL & GAS		Buokin	aimoir,	WV 20201				nnon, WV 26201
	WNER _	Alber	t Gatr	ell Heirs	12)	COAL OPERA	TOR	bw sistem (2
Address	C/	O Camm	ie Gat	rell	decimos nodes	Address	utu eta ara aru	A Pelanca b
				WV 26360		TO SERVE TO	CALLUNIO DE MODE	27 27 27 18 St. 19 St.
Acreage 8) SURFACE OV	WNED	139.7		all Waiss	13)	Name Alb	R(S) WITH DECLAR Dert Gatrell	ATION ON RECORD:
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		Green		WV 26360	051/4/11/20	Addiess	THE RESERVE AND ADDRESS OF THE PARTY OF THE	, WV 26360
Acreage		92.75		( Par ) 50	( Sound by May	Name		And the second s
9) FIELD SALE	(IF MAD	E) TO: Unknov	5	21/200	The state of the s	Address	BO OF KINNERS CO.	Mannage Age of St.
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10) OIL & GAS I	NSPECTO	P TO BE	NOTIFIE	The Colon	14)	COAL LESSEE	WITH DECLARAT	ION ON RECORD:
	obert A			<b>5</b>	CIVISIO	Address	a villet many domi	and surprise of the second
Address		eral De		y de tang	o GAS DIVISION	A Comment	a Tage area dis	andr Jac World 181
	Mi	iddlebo	ourne,	WV 2614	9 DF		the grante by a con-	Cart State
15) PROPOSED	WORK:					IIac	ture or stimulate	
							in the desired to	
(6) GEOLOGICA	LTARGE				fy)		V2 /A	INDEX INC. INC.
						STEEL STREET	in a wife of the court	-and with what
				, 360,450		,0		
19) Approxim	nate coal se	am depths:	_ None	3			area? Yes	/ No
20) CASING ANI								AC II AVAI SUP. A
CASING OR	H 5H-1-K	SDE	CIFICATION	are II	S Should be builded		is, the figure capiest	Dozogo19 (05)
TUBING TYPE	Si		CIFICATION Weight		FOOTAGE IN		CEMENT FILL-UP OR SACKS	PACKERS
Conductor	Size 11 3/4	Grade H-40	per ft. 42	New Used	For drilling	Left in well	(Cubic feet)	CC DOO FECTOR
Fresh water	8 5/8	ERW	23	X	1200	1200	0 sks.	Kinds
Coal	8 5/8	ERW	23	x	1200	1200	To surface	Sizes
Intermediate							TO SULLACE	A
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21) EXTRACTION	N RIGHTS		ST on Fr	SECURITY CONTRACTOR	Park Control of the Control		Trape Services Services	Maria Maria Maria
Check and pro			ACCUSED THE RESERVED TO BE A	Nuas ische in	Tour French n			
Included The requirement	d is the leas	se or leases	or other	continuing contr	act or contracts by vee reverse side for sp	which I hold the	right to extract oil or	gas.
2) ROYALTY PR			4-1-(0) (1)	through (4). (5	ee reverse side for sp	ecifics.)		
Is the right to e	extract, pro	duce or ma	arket the o	il or gas based up	on a lease or other co	ontinuing contra	ct or contracts providi	ng for flat well royalty or ar
				ner of the oil or	gas in place which	is not inherently	y related to the volum	ne of oil or gas so extracted
produced or m				eeded. If the ans	wer is Yes you may	use Affidavit F	orm IV-60	ENGLES BALANCE
f the answer above		erse side.)						
23) Required Copi		plication a	ind the en	closed plat and r	eclamation plan have	e been mailed by	y registered mail or de	elivered by hand to the abo
Required Copies of this	Permit Ap			lessee on or bei	ore the day of the m	ailing or deliver	y of this Permit Appl	lication to the Department
Required Copies of this	perator, coa	st Virginia	7	111	Si Si	gned:	lead DI.	1 Coddoller
23) Required Copic 24) Copies of this named coal op Mines at Char	perator, coa	st Virginia	ande	elal		gircu.		
23) Required Copie 24) Copies of this named coal op Mines at Charl. Notary:	leston, We	st Virginia	ante	elst	MATERIAL SECTION	Ita. D	esignated Age	ant ()
24) Required Copic 24) Copies of this named coal op Mines at Char	leston, We	st Virginia	ante	elst	A IT OF ALC: 19	Its:D	esignated Age	ent ()
23) Required Copie 24) Copies of this named coal op Mines at Char Notary:	leston, We	st Virginia	anse 19	OF	FICE USE ONL	.Y	esignated Age	ent (/ ()
23) Required Copic 24) Copies of this named coal op Mines at Char Notary: My Commission	leston, We	S. C.	anse 19	OF	ALTERNATION AND THE	LY	2 - 1 340 mm (n)	ent ()
23) Required Copic 24) Copies of this named coal op Mines at Char Notary: My Commission	leston, We Expires	S. C.	anse	OF	FICE USE ONL	LY	January 28	12/29/20 <sup>13</sup> 3 <sup>83</sup>
named coal op Mines at Char Notary: My Commission Permit number This permit coverin	erator, coaleston, We Expires 47–095	-1020	and well lo	OF DE	FICE USE ONI RILLING PERM  low is evidence of pe	LY IT crmission grante	January 28 Date  d to drill in accordance	12/29/20 <sup>13</sup>
23) Required Copic 24) Copies of this named coal op Mines at Char. Notary: My Commission Permit number This permit covering uirements subject to	Expires 47–095	e-1020 operator a ditions con	nd well lo	OF DE cation shown be ein and on the re	FICE USE ONI RILLING PERM  low is evidence of pereverse hereof. Notifice	LY IT  ermission grante cation must be a	January 28  Date d to drill in accordance	12/29/201338

Agent:

Bond:

Administrator, Office of Oil and Gas

#### Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
  - "Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less then six thousand feet, whatever is shallower.
  - 5) Where well is located
  - 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
  - 8) Present surface owner at time application is filed.
  - 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
  - 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
  - 16) Anticipated formation for which well will be completed
  - 17) Self explanatory
  - 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
  - 19) All coal seam depths
  - 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
  - 21) Code 22-4-11(c) In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
    - (1)A brief description of the tract of land including the district and county wherein the tract is located;
    - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
    - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
    - (4) A brief description of the royalty provisions of each such lease or contract.
  - 22) Code 22-4-11(d) and 22-4-11(e).
  - 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
  - 24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator \_\_\_\_\_ / owner \_\_\_\_ / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: By Its

DRILLING CONTRACTOR:

S.W. Jack Drilling Co. Box 48

Date:	8/29	, 19_ <sup>83</sup>
STREET, STREET		Million Control of the Control of th

1) 2) Operator's J-743 (RENEWAL) Well No.\_

47 -095 - 1020-Ren 3) API Well No. State County

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

OLD NO. 1020

		-095 - 1							otpher 7/201383
						FFICE USE OF	THE RESERVE THE PROPERTY OF THE PARTY OF THE		
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Notary:	est of		Car	400	1	a seed 1300, SRI V	Signed:	Sad H. V	alderly /
named coal op Mines at Charl		SHOULD SEE SHOULD SEE SE		lessee	on or be	fore the day of the	mailing or delivery	of this Permit Appli	cation to the Department o
Copies of this	Permit App	olication a							ivered by hand to the above
the answer above Required Copi		LA LOCAL PROPERTY OF THE PARTY	ional is no	eaed.	ii the an	swer is Yes, you m	ay use Affidavit F	orm 1v-60.	
produced or m	arketed?	Yes 🗆	No 😡		tive nell	York Domini F. B. S.	S hon'll vil solar	er of freatment cour	10 MARK ST
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							10)11	2745 PROS (D) F1-6	Top Bottom
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Intermediate Production	41/2	J-55	10.5	x	No.	5450	5450	300 sks.	Depths set
Coal	8 5/8	ERW	23	X		1200	1200	To surfa	C Sizes
Fresh water	8 5/8	ERW	23	х		1200	1200	To surfa	
Conductor		н-40	42	x	1000	30	0	0 sks.	Kinds
TUBING TYPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	21) Cod. 22
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19) Approxim							being mined in the	a program on co	/ Nox
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PROPOSED V	WORK:		10000000000000000000000000000000000000	ALC: TELL			/ Frac	ture or stimulateX	
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Name	Robert						1 Addition		501 080 W (21
OIL & GAS I	Park Service Control of the					Oil & GA	Name	SIGNE SAK SIZEME	13 & 141 AS DOLLEY
2337000	The state of							WITH DECLARAT	ION ON RECORD:
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Acreage	92.75	CONTRACTOR OF THE PARTY.	Alberton	ey P	ara estala		Name Address		A 1 Ann A
	G	reenwo		Baltiman Baltiman		MIGUE	au V Ja	Greenwood,	WV 26360
Address		/O Cam		N. Salarin		DIPATE	Address	C/O Cammie G	CONTRACTOR SECURIOR AND ADDRESS OF THE SECURIOR
SURFACE OV			Gatrel	1 He	irs	, 581 d a		lbert Gatrell	
Acreage	139.75		wood,	WV	26360		COAL OWNER	(S) WITH DECLAR	ATION ON RECORD:
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					ZODATE STATE	12)		ror	A amight (a)
OIL & GAS								Danish at A	an arman Av
Address	-	P.O. B Buckh	annon,	CO. SERVICE CA.			Address	P.O. Buck	hannon, WV 26201
WELL OPER						iot e in baralc <b>ii)</b> ini kia nant mai		AGENT Richar	
	Distric	COLUMN TO THE REAL PROPERTY AND ADDRESS OF THE PARTY OF T	ntervi	GOLDAN STREET,	100	County: Tyle		Quadrangle: W	
				DEGREE STREET	THE RESERVE OF THE PARTY OF THE			THE PARTY OF THE P	THE REPORT OF THE PERSON OF TH
LOCATION:	· 图 · 图 · 图 · 图 · 图 · 图 · 图 · 图 · 图 · 图	Gas", Prod	1031	A1 860 F	1201101	Underground sto Watershed:	Short Run	THE CHEST LINE	/ Shallow <u>X</u> /)

October 7, 1985 unless drilling is commenced prior to that date and prosecuted with due diligence. Permit expires Plat: Fee Bond: Agent:

1300

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

Administrator, Office of Oil and Gas

### Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
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  - 17) Self explanatory
  - Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
  - 19) All coal seam depths
  - 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
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    - (1)A brief description of the tract of land including the district and county wherein the tract is located;
    - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
    - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
    - (4) A brief description of the royalty provisions of each such lease or contract.
  - 22) Code 22-4-11(d) and 22-4-11(e).
  - Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
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......

The undersigned coal operator/ owner/ lessee/of the coal under this work amined this proposed well location. If a mine map exists which covers the area of the well location, the well location.	
added to the mine map. The undersigned has no objection to the work proposed to be done at this location, properator has complied with all applicable requirements of the West Virginia Code and the governing regular	ell location has been n, provided, the well gulations.

Its

DRILLING CONTRACTOR:



1) Date:	/29	19.83
2) Omenatorie		

2) Operator's
Well No. 47

3) API Well No. 47

County

Permit

State

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

	k 48 okhannon,	W 25	203				WELL PERMIT		PPLICATION		DED NO. 1	.020
4)	WELL TYPE:	A Oil		/ Gas	- /					tare decisions		
',							Underground st	ora	ge	/ Deep	/ Shallow	
5)	LOCATION:			2023			Watershed:				in the series	
				COLUMN THE PART ARTHUR LANDS			County:			Quadrangle:	net Hater	
6)	WELL OPERA									GENT	strain are the end of the property of	
	Address			Boy 48					<b>**</b>	*********	Day AD	
				hannon.		203				Puck	homeon E	W 20203
7)	OIL & GAS										ABELLEVALLY .	W BULUE
"	ROYALTYON	VNFR					13	2)	COAL OPERAT	OR		
	Address					LS			Address _		E states	
	radics	-		mie Gat		-						
	Acreage		Gree	ziwood,	WV 203	Old Old		2)	COAL OWNER	S) WITH DECLARA	TION ON PI	ECOPD:
0)		INIED	5				* * * * *	The same		hart Catrall		
0)	SURFACE OV Address	NEK_	Albert	Gatrel	l Heir	5				C/O Campia C		
	Address		<del>C/O C</del> a	unnie Ga	trell					DIN CONTROL PRINCIPALITY OF THE PRINCIPALITY O		
		0.0.0	Greenw	ood, WV	2636	0				Greenwood,	20301	
-	Acreage								Name			
9)	FIELD SALE								Address _	ALCOHOLOGICA CHARACTER		
	Address		Unkno	8,733						The state of the s		*
							14			WITH DECLARATI	ON ON RECO	ORD:
10)									Name		THE STATE OF THE S	SCHOOL ST.
	Name	Rober	t 2 . I	owther-					Address _		Landa Control of the	7.67
	Address		eneral	Delive	Just h				_			At A
			Midd	Lebourn	o, WV	261	49					
15)	PROPOSED V	VORK:	Drill	/ D	rill deeper		/ Redrill		/ Fractu	ire or stimulate		
			Plug of	f old format	tion		_/ Perforate n	new	formation			
			Other pl	nysical chang	e in well (	specif	y)					
(6)	GEOLOGICA	LTARGE	ET FORM	ATION, _	27	avenr	dor					
	17) Estimated											
	18) Approxim	ate water	strata dep	ths: Fresh,	360.4	50	feet;	salt		feet.		
	19) Approxim				TO THE OWN BY THE			l be	ing mined in the ar	rea? Yes	/ No_	/
20)	CASING AND	TUBING	G PROGR	KAM						Parabog anida.		
	CASING OR		SF	ECIFICATIONS	3	-	FOOTAG	E IN	TERVALS	CEMENT FILL-UP	PACKE	RS
	TUBING TYPE	Size	Grade	Weight per ft.	New Use	4	For drilling	1	Left in well	OR SACKS (Cubic feet)		
	Conductor	Size	Grade	per it.	New Ose	4	For drining		Left iii weii	(Cubic feet)	Kinds	
	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	31 3/4	H-40	42	Mark Mark		30			O ske	Kinds	
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	Intermediate							+				
	Production	dh	J-55	10.5	50		5450		5450	300 eks,	Depths set	
	Tubing										a ye	
	Liners										Perforations:	
											Тор	Bottom
21)	EXTRACTION	RIGHT	S									
	Check and pro	vide one	of the foll	owing:								
	Included	is the lea	ase or leas	es or other c	ontinuing	contra	act or contracts	by v	which I hold the r	right to extract oil or	gas.	
	The requ	uirement	of Code 2	2-4-1-(c) (1)	through (4	). (Se	e reverse side fo	or sp	pecifics.)			
22)	ROYALTY PR	OVISIO	NS									
		CONTRACTOR OF THE PARTY OF				THE RESERVE				t or contracts providir		
					ner of the	oil or	gas in place wh	ich	is not inherently	related to the volum	e of oil or gas	so extracted,
	produced or m		Control of the Contro	Control of the State of the Sta	1 1 70.1		,		A CC: 1 - 14 T-	111.60		
			THE RESERVE OF THE PARTY OF THE		eded. If th	e ansv	ver is res, you i	nay	use Affidavit Fo	III IV-00.		
23)	Required Copi	es (See re	verse side.	,								
24)		Carried State of the State of t	THE RESIDENCE OF STREET							registered mail or deli		
					essee on o	r beto	re the day of the	e m	ailing or delivery	of this Permit Applic	ation to the D	epartment of
	Mines at Charle	rda	1	Carl	11/			0	igned:	LULIN	(MAIL)	11()
	-	と からない 一本のない かん	0	1 11	1000			3		The same of the sa		THE U
	My Commission	Expires_	Uctai	cer lla	1787	9			Its: Dosi	gnated Agent		11
						OF	FICE USE C	וואו	V			
						DR	ILLING PER	RM	IT			19
Per	mit number				ZERIO ENIS					Date	12/29/	
Th	s permit coverie	g the well	Operator	and well los	ation show	vn hel	ow is evidence o	of n	ermission granted		1.1 .1	
qui	rements subject	to the cor	nditions co	ontained here	in and on	the re	verse hereof.	AL P	-tinoson granted	and the Division of	land C	
Pe	fer to No. 10) P-	or to the	constructi	on of roads	ocations	nd nite	No for any permitt	ed :	vork.	en to drill in accordance of the well operator of	his contractor	shall notify the
pro	fer to No. 10) Priper district oil a	nd gas in	spector 24	hours before	e actual pe	rmitte	d work has com	ime	nced:)			
Per	mit expires						unless dr	illir	ng is commenced p	orior to that date and p	prosecuted with	due diligence.
	Bond:	Agen	nt:	Plat:	Casi	ng	Fee			10	A	
	11/			11					1	injetretor Office C	Oil and Car	
	200	1		750	- Silverson		1200		Adn	ninistrator, Office of	On and Gas	

### Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
  - "Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less then six thousand feet, whatever is shallower.
  - 5) Where well is located
  - 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
  - 7) Use separate sheet if necessary
  - 8) Present surface owner at time application is filed.
  - 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
  - 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
  - 16) Anticipated formation for which well will be completed
  - 17) Self explanatory
  - 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
  - 19) All coal seam depths
  - 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
  - 21) Code 22-4-11(c) In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
    - (1) A brief description of the tract of land including the district and county wherein the tract is located;
    - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
    - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
    - (4)A brief description of the royalty provisions of each such lease or contract.
  - 22) Code 22-4-11(d) and 22-4-11(e).
  - Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
  - 24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

		WAIVER	
amined this proposed	d well location. If a mine map exap. The undersigned has no object	xists which covers the area of the w	the coal under this 2429/2023 as ex- rell location, the well location has been one at this location, provided, the well d the governing regulations.
Date:	, 19	Ву	
		Its	



DATE Dec. 28, 1982

WELL NO. J-743

API NO. 47 - 095 - /02

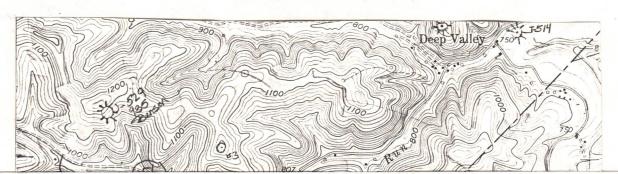
# State of Mest Virginia

Beparlment of Mines Gil und Gas Division Reverval

# 1120

# CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J & J Enterprises, Inc.	DESIGNATED AGENT Richard M. Reddecliff
Address P.O. Box 48	Address P.O. Box 48, Buckhannon, W
Telephone Buckhannon, WV 26201	Telephone 472-9403
LANDOWNER Albert Gatrell	SOIL CONS. DISTRICT Upper Ohio
Revegetation to be carried out by	Robert Rogers (Agen
This plan has been reviewed by and additions become a part of this pl	Upper Chio SOD. All corrections.
	(Date)  Zimeth & Masen  (SOD Agent)
ACCESS ROAD	LOCATION
Structure Drainage Ditch	(A) Structure Diversion Ditch
Spacing To be constructed along road	Material soil
Page Ref. Manual 2-10	Page Ref. Manual 2-12
Structure Cross Drains	Structure Rip-Rap
Spacing 40' to 100' apart	Material Logs
Page Ref. Manual 2:4	9 1983 Page Ref. Manual N/A
Structure OIL &	SAS DIVISION SET MINESTructure
Spacing DEPT.	Material Material
Page Ref. Manual	Page Ref. Manual
All structures should be inspected commercial timber is to be cut and so cut and removed from the site before	I regularly and repaired if necessary. All stacked and all brush and small timber to be dirt work begins.
Note: Drainage to be maintained a commence within 3 months af	fter completion of
Treatment Area I	Treatment Area II
Lime 3 Tons/acr or correct to pH 6.5	Charles to the second s
Fertilizer 600 lbs/acre (10-20-20 or equivalent)	Fertilizer 600 lbs/acre
Mulch Hay 2 Tons/acre	(10-20-20 or equivalent)
Seed* Ky-31 Tall Fescue 30lbs/acre	ilay E. Idabi data
Ladino Clover 5 lbs/acre	AY-11 TATT PESCUE 311 ESTATE
lbs/acre	Eddino Clovel 3 220,
	12/29/2023, trefoil and clovers with the proper bacterium.
	PLAN PREPARED BY Ed Summerfield
NOTES: Please request landowners'. cooperation to protect new	ADDRESS P.O. Box 48
seedling for one growing season.  Attach separate sheets as	Buckhannon, W 26201
necessary for comments.	PHONE NO. 472-9403



Form IV-2 (A) Reverse

## 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 § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

 $\frac{\text{Service}}{\text{with an interest in the coal.}} \text{ See Code § § } 22-4-lm, 22-4-2a, and 22-4-2b.}$ 

# 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
-----------------------	-----------------------	---------	------	------

2) Operator's Well No.

3) API Well No.

Renewal 095

State County Permit

47

### STATE OF WEST VIRGINIA DEPARIMENT OF MINES, OFFICE OF OIL & GAS

			A	PPLI(	CATIO	N FOR A WEI	L WORK PERMI	T		
4) WELL TY	PE: A. (	Oil_	/ Ga	s x	/			Up   Company		
5) TOTALLO	D.	(TT G	as, P	roduc	ction	x / Unde	ergroung stor	rage/ Deep	o / Shallow x	/
J) IMATICA	N: EIG	evation	1: 10	31		waters	shed Short Ru	ın		City
6) WELL OD	DIS	SUICE	Cente	rvill	e_	County	Tyler	Quadrar	ngle: West Union	
C) WILLIAM CIT	TATOK -	U &U EI	rerpr.	rses,	THC.	• A Company of the Co	/) DESIG	NATED AGENT	Richard Reddecli	.ff
Addre	ess		. DO21	10			Addr	ress	P.O. Box 48	
0)		Bucl	khannoi	n, W	7 2620	01		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Buckhannon, WV	26201
8) OIL & G	AS INSPE	CIOR 7	O BE	NOTI	FIED		9) DRILL	ING CONTRACTO	R:	
Name	Robe	ert A.	Lowthe	er			Name	S.W. Jack Dr	illing Company	
Address	5	General	L Deliv	ery	Action to the second	and the same	Add	ress Box 48	Commence of the Second	
	No. of the last	Middl	Lebour	ne, W	IV 26	5149		Buckha	nnon, WV 26201	
10) PROPOSEI	D WEIL W	WORK: I	rill_	x /	Dril	l Deeper	/ Redrill	/ Stimulate	x /	
		I	Plug of		d for	mation	/ Perforate	new formation	n /	
			ther p	physi	cal	change in w	ell (specify	)	The state of the s	
11) GEOLOGIC	CAL TARG	ET FOR	NOTTAMS	J.	Alex	ander				
12) Estin	nated de	epth of	comp.	Letec	well	l (or actua	l depth of e	xisting well)	, 5500 fe feet. the area? Yes	o+
13) Appro	oximate	water	strate	e der	ths:	Fresh. 360	0,450 feet:	salt 0	foot	
14) Appro	ximate	coal s	seam de	epths	: no	ne	Ts coal b	eing mined in	the area? Vec	/NTO V
L5) CASING A	ND TUBI	NG PRO	GRAM				IS COAL D	ering numbed in	the area? res_	_/NOA
CASING OR TUBING TYPE		SPE	CIFICATION	IS	. 1	FOOTAC	E INTERVALS	CEMENT FILL-UP	PACKERS	
TOBING TITE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)		
Conductor	113/4	H-40	42	x		30	0	0 sks.	Kinds	
Fresh water	8 5/8	ERW	23	X		1200	1200	To surface		
Coal	8 5/8	ERW	23	Х		1200	1200	To surface		
Intermediate								TO DULLUOC	Sizes	
Production	41/2	J-55	10.5	х		5450	5450	300 sks.	Dark	
Tubing							1	JOU BRB.	Depths set	
Liners							A Later Comment			
									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 (or less than 5 days if the Application is to plug a well), 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 object	on to a permit being issued by	ased on those materials.	
(For execution by cor	poration, partnership, etc.)	(For execution by natural p	persons)
VAME:		1	, and the second of the second
		(Signature)	Date 12 173
Ву		(Signature)	
Its	Date:	49:	Date:
		(Signature	

12/29/2023

# 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.) Permit will be good for 24 months. See Chapter 22, Article 4 of the W. Va. Code.

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, WV 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 personally served or mailed to you 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. (This time is changed to FIVE (5) DAYS from the filing date if the permit is only to plug a well.) 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 should include your name, address and telephone number, the weil 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 The plan for soil erosion and sediment control is not adequate or effective; or

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.

I would also like fence repthe 2023
along road which was destroyed to amme is shill

ATTA	CHMENT	OT T			
FORM	IV-2	(6-82	2)		
OIL	& GAS	WELL	PERMIT	APPLICA	TION

WELL	OPERATO	R	J&J	Enterprises,	Inc.	

API#: 47- 095 -

J-743

# ITEM # 21 - EXTRACTION RIGHTS

CODE 22-4-11 (C)

92.75 ACRES Cla	ychic DIST	RICT	Ritchie	COUNT	ry, wv
•		PERCENT OGM ROYALTY		RECOF	ı
LESSORS & ADDRESS		INTEREST ( of :	1/8ths)	ВК	PG
Albert Gatrell Heirs C/O Cammie Gatrell		100%		211	92
Greenwood, WV 26360					
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•		AUG	31 1983	40/04	
•		7100	OT 1303	12/29	9/2023
		Oil & C	GAS DIVISION		
		DEPT	OF MINIES		

IV-35 (Rev 8-81)





DIVISION OF OIL & GAS State of Mest Hirginian
DEPARTMENT OF ENERGY
Bepartment of Mines

Oil and Gas Bivision

Date	August	22, 1985
Operator's Well No.	J-74	3
Farm Albert	Gatrel	l Hrs.
API No. 47	- 095	- 1020-Ren

WELL OPERATOR'S REPORT

OF

DRILLING.	FRACTURING	AND/OR	STIMULATING,	OR	PHYSICAL	CHANGE
					CONTRACTOR CONTRACTOR CONTRACTOR	A STATE OF THE STA

OCATION: Elevation: 1031 Watershed S	short Run			1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1
District: Centerville County Tyles		Quadrangle	West Uni	on
	-		type - Rainta de la	
OMPANY J&J Enterprises, Inc.		1		Cement
ADDRESS P.O. Box 48, Buckhannon, WV 26201	Casing	Used in	And Francisco	fill up
DESIGNATED AGENT Richard Reddecliff	Tubing	Drilling	in Well	Cu. ft.
ADDRESS P.O. Box 48, Buckhannon, WV 26201	Size 20-16		rinda t	Bure to Das
SURFACE OWNER Albert Gatrell Hrs.	Cond.		The party of the p	APPLE ATTE
ADDRESSC/O Cammie Gatrell, Greenwook, WV 26360	13-10"	30	0	0 sks.
MINERAL RIGHTS OWNER Same as surface	9 5/8			edmin zám
ADDRESS	8 5/8	1194.15	1194.15	260 sks.
OIL AND GAS INSPECTOR FOR THIS WORKROBERT A. General Delivery	7			ilev voli
Lowther ADDRESS Middlebourne, WV 26149	5 1/2			enson.
PERMIT ISSUED 10/7/83	4 1/2	5024.30	5024.30	210 sks
DRILLING COMMENCED 7/22/85	3			state bo
DRILLING COMPLETED 7/27/85	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED CN	Liners			
GEOLOGICAL TARGET FORMATION Alexander		Dep	th 5165 -	5195 feet
Depth of completed well 5458 feet	Rotary	x / Cabl	e Tools_	
Water strata depth: Fresh 130,1460 feet;	Salt 0	feet		
Coal seam depths: None	Is coal	being min	ed in the	area? N
OPEN FLOW DATA				
Producing formation Benson	Pa	v zone den	th 1012-	.14 feet
Gas: Initial open flow Mcf/d				
Combined Final open flow 440 Mcf/d				
Time of open flow between init				
Static rock pressure 1500 psig(surface				
(If well-able due to miltiple completion	1			
Second producing formation Riley		v zone der	12	/29/2023
Gas: Initial open flow Mcf/d				
Final open flow Mcf/d				
Time of open flow between init	Tal and I	TIME TESTS	no	JULS

### DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, EIC.

Riley: Perforations: 4511-39 (8 holes)

Fracturing: 440 sks. 20/40 sand: 500 gal. acid: 410 Bbls, fluid. Agad

Benson: 4912-14 ( 8 holes)

Fracturing: 300 sks. 20/40 sand:400 bbls. fluid.

BOTTOM HOLE PRESSURE Pf=PweXGLS  $t=60 + (0.0075 \times 5024) + 459.7 = 557 \times = 53.35 \times 557 = 29716 = 0.000034 \text{ Pf=1500} \times 2.72^{(0.000034)}$  $(0.625)(4713)(0.9) = 1500 \times 2.72^{0.09} = 1500 \times 1.09$ 

Pf=1635 psi

#### WELL LOG

ORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay & red rock	0	10	
Sandy shale & gray sand	10	80	
White sand & sandy shale	80	255	½" stream @ 130'
Shale & red rock	255	405	TO THE SECTION OF THE TABLE OF THE COMPANY
Sand, shale & red rock	405	675	Damp @ 1460
Sand, lime & red rock	675	760	
Sandy shale & red rock	760	855	1½" stream @ 1470
Sandy shale & sand	855	1145	A PARAMETER STATE OF THE STATE
Sand & sandy shale	1145	1720	Gas ck @ 2098 No show
Sand & sandy shale	1720	1850	
Little lime	1850	1870	Gas ck @ 2384 No show
Shale	1870	1880	wheeld lifets wimes over the
Big Lime & Injun	1880	2065	Gas ck @ Drill collars
Sand& shale	2065	2420	22/10-1" w/water
Shale & sand	2420	3095	35,313 cu.ft
Sandy shale & sand	3095	4511	
Riley	4511	4539	
Sandy shale	4539	4912	i one
Benson	4912	4914	OCCUPATION AND ADMINISTRATION OF THE PROPERTY
Sand	4914	5165	TO 10/1/2
Alexander	5165	5195	
Sandy shale	5195	5458	Carlotte Control of the Control of t
		T.D.	
		No and	MANAGE AND AND A SECOND OF
	lazsul.T	3000	THE WAS EMPEROUSED AND A STORY
	boar	L. CustiAn	DO TO THE PROPERTY OF THE STATE OF
	the second second second second		
		Service on the service of the servic	Motivación medantización toxo
	(Van soll)		Liew baselows to sign
	1.60	Y Sent yes	dear of the state
	270 21		ALC TELLIFIED HERE INC.
			erran volta volta
			MAN MAN AND AND
			e se a colmentati perculare e e

(Attach separate sheets as necessary)

J	&J Enterprise	es, Inc.
Well	Operator	
By:	1	12/29/2023
Date:	8/22/85	Robert Dahlin - Geologist

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 and, encountered in the drilling of a well."

Permit No. 095-1020

#### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



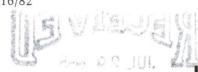
# INSPECTOR'S WELL REPORT DIVISION OF OIL & GAS

DEPARTMENT OF ENERGY

Oil or Gas Well\_\_\_\_

				(KIN	D)	i,
Company J 7 8	Enterprises	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS	
Address Buc	Kladynon W. Vac	Size				
Farmalbert G	atrell His	16			Kind of Packer	2
Well No. 774	3	13			Size of	-
DistrictCentlewo	lle County Tyler	81/4	1194	1194	5126 01	
Drilling commenced 7	-22-85	6%			Depth set	-
D ::::	,739	5 3/16				-
Drilling completed	Total depth/ 239	3			Perf. top	100
Date shot	Depth of shot	2			Perf. botton	
Initial open flow	/10ths Water inInch	Liners Used			Perf. top	.,
Open flow after tubing	/10ths Merc. inInch				Perf. bottom	
Volume	Cu. Ft.	CASING CEME		P	14 No. FT 7-23	_ Date
Rock pressure	lbshrs.	TAME OF SEI	TVICE COMP	Nac	lebusio	7
Oil	bbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEETIN	CHES
Fresh water 130	feetfeet	FEET	INC	HES	FEETIN	CHES
Salt water	feetfeet	FEET_	INCI	HES	FEETIN	CHES
Drillers' Names						, 1
					* * * * * * * * * * * * * * * * * * * *	*
Remarks: Cement	led with 260	SAS	neal	A cem	ent	

Form 26 2/16/82



DIVISION OF OIL & GAS

#### STATE OF WEST VIRGINIA

## **DEPARTMENT OF MINES**

# OIL AND GAS WELLS DIVISION

# **INSPECTOR'S PLUGGING REPORT**

Filling Material Used	Location Amount Packer Location  GS USED AND DEPTH PLACED BRIDGES CASING AND TUBING  EKNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED SIZE LOST	MENT OF ENEROR times	TRATAL			V	Well No	
Filling Material Used  Liner Location Amount Packer  PLUGS USED AND DEPTH PLACED BRIDGES CAR  CEMENT-THICKNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERE	Location Amount Packer Location  GS USED AND DEPTH PLACED BRIDGES CASING AND TUBING  EXNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED SIZE LOST	COMPANY			ADDRESS			
iner Location Amount Packer  PLUGS USED AND DEPTH PLACED BRIDGES CAR  CEMENT-THICKNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERE	Location Amount Packer Location  GS USED AND DEPTH PLACED BRIDGES CASING AND TUBING  EXNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED SIZE LOST							
Liner Location Amount Packer  PLUGS USED AND DEPTH PLACED BRIDGES CAR  CEMENT-THICKNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERS	Location Amount Packer Location  GS USED AND DEPTH PLACED BRIDGES CASING AND TUBING  EXNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED SIZE LOST	Y			A .		5	3 41
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CEMENT-THICKNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED	EXNESS WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED SIZE LOST	Liner Loc	cation	Amou	int Packer	Lo	cation	
		PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
		CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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Drillers' Names		Orillers' Names						
			and the state of the same					
14 - 27 - 28 - 28 - 28 - 28 - 28 - 28 - 28								
- 2 1 2 6 0 5 A 2 W - T C - T								
			hereby certify I vis	ited the above w	vell on this date.			
I hereby certify I visited the above well on this date.		DATE						
							010010	

#### STATE OF WEST VIRGINIA

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



#### INSPECTOR'S WELL REPORT

Permit No. 095 1020

DIVISION OF OIL & GAS DEPARTMENT WOF ENERGY

					7
Company Jt Contesprists	CASING AND TUBING	USED IN DRILLING	LEFT IN	PAC	KERS
Address Buckhannon W. Va.	Size				
Farm Gatrell	16			Kind of Pa	cker
Well No. 7743	13				<b>#</b>
District Centervellowity Tyler	81/4			Size of	6
Drilling commenced	6%		-	_ Depth set_	#
Drilling completedTotal depth_2828-	5 3/16				÷
	3			Perf. top	×
Date shotDepth of shot	- 2			Perf. botto	n
Initial open flow/10ths Water inIncl	Liners Used			Perf. top	-
Open flow after tubing/10ths Merc. inIncl				Perf. botton	m
VolumeCu. Ft	. CASING CEMEN	NTED	SIZE	No. FT	Date
Rock pressurelbshrs	NAME OF SER	VICE COMPA	NY		- N
Oilbbls., 1st 24 hrs	. COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh water <u>feet</u> feet	FEET_	INCH	ES	_FEET	INCHES
Salt water 1460 feet feet	FEET_	INCH	ES	FEET	INCHES
Drillers' Names		and the second second second second	24 × 2 × 250 ×		Ket .
	15			,	A ·
Remarks: Gas 2098	1				jes .
oil 2035	,				***

July 25,1985

R. H. Levers best WELL INSPECTOR

# STATE OF WEST VIRGINIA

## **DEPARTMENT OF MINES**



# **INSPECTOR'S PLUGGING REPORT**

MENT OF ENERGY	DEPAR			0 501-	Vell No	N 27 Suite 18
			ADDRESS			and the state of t
			C			
7			acop le lles			
-						1
	ation	Amou	nt Packer	Loc	cation	
	ND DEPTH PLACED		BRIDGES		G AND TU	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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		XIII III				
Orillers' Names					3 1 1	Į.
						Janes Co. 1000 Carlotta Market Spirit Fill Commission
Remarks:						
				X F & C	0.0	
	hereby cartifu I wisit	ad the chave	all an this data			
DATE	hereby certify I visit	led the above w	en on this date.			
in the same	4.7			28 h1	25	

1R-26
Obverse

# INSPECTOR'S PERMIT SUMMARY FORM

1-28-83

WELL TYPE CO		API# 47	-095 -	1020
ELEVATION		OPERATOR	1 11 /1 /4	Express
DISTRICT Centervo	Ille	TELEPHONE /		
QUADRANGLE		FARM Ga	BollHi	D
COUNTY Tyler		WELL #	-743	
SURFACE OWNER	COM	MENTS	TELI	EPHONE
TARGET FORMATION	DAT	E APPLICATIO	N RECEIVED_	
DATE STARTED LOCATION	NOTIFIED_		DRILLING CO	OMMENCED 7-22-P5
WATER DEPTHS 130 F	1460 S			
COAL DEPTHS				-
COAL DEFINE				
	CA	ASING		
Ran_//94feet			-85 with	fill up
Ranfeet				
Ranfeet				
Ranfeet	of "p	ipe on	with	fill up
TD 5438 feet			DEP	ARTHENT OF ERGY OIL AND GAS
	PLU	JGGING		JUN 1 0 1986
Type	From	То		Pipe Removed
Pit Discharge date:_	T	ype		
Field analysis	ph	fe	cl	
Well Record received		_		
1	1. 1601			
Date Released June	4, 1786		0	4
		PI	4 OH	12/29/2023
		Inspe	ctor's sign	ature

API#	47	_

# LIST ALL VISITS FOR THIS PERMIT

DATE	TIME	PURPOSE	COMMEN	TS
	C 47			JUNE !
- Ca.d.				
			A A WAY	a Feel
			C 08 44 1	161
***************************************				
		-523-		1104
		eskell ka		
Y	3.3			
			142024	4.20
	*****			
7	- X			

Notes

### FERC-121

1.0 API swill number: (If not available, leave clank, 11 digits.)	47-095-1020R-0003				
2.0 Type of determination point sought (Use the codes found on the trant of this form.)		103 Section of 3	VGPA	N/A Category Co.:	
3.0 Depth of the directivit name even focution. (Only meet of feations 103 or 107 in 2.0 arrows.)			5195	feet	
4.0 Name, address and code number of applicant 135 letters per tine maximum. If code number not available, leave plank.)	P.(	& J Enterpri O. Box 697 diana,		Pa. 1570	
5.0 Location of this well.   Complete (a) or (b).   (a) For onshore wells. (35 letters maximum for finic name.)	= .a. = Na	nterville Fer		WV State	-
Ibi For OCS wells	N/1			Block Number	<del>.</del>
(c) Name and identification number of this well. (35 letters and digits maximum.)	J-	743			
(a) If code 4 or 5 in 2.0 above, name of the reservoirs (35 letters miximum)	N/A				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Consolidated Gas Transmission 004228				
(b) Date of the contract.	Mo. Day Yr.				
(c) Estimated annual production:	MAIct				
		(a) Base Price (S/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (th) and (c)
7.9 Contract price (As of filing date: Complete to 3 decimal places.)		3.535	_ 2 7 8		3.810
3.0 Micronom lavelus rate (As set filling date (Complete to 3) decimal places.)		3 5 3 5	278		3 8 1 0
Anne 10 to 10 10 10 10 10 10 10 10 10 10 10 10 10	Nume 8-2	hard J. Klin	(412)	Secret 349-6800	

# STATE OF WEST VIRGINIA

SEP 15 1985

# DEPARTMENT OF MINES, OIL AND GAS DIVISION

# COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

SOLEN SHEET, STATE ACCEPTANTON TO	DIN WELL CEASSIFICATION
Date: (Jug 2/5, 19 85) 24150	AGENCY USE ONLY
Applicant's Name: J & J Enterprises, Inc.	WELL DETERMINATION FILE NUMBER
Address: P.O. Box 697	850829 -1030-096- 1020
Indiana, PA 15701	
Gas Purchaser Contract No.	Use Above File Number on all Communications Relating to This Well
Date of Contract (Month, day and year)	
P.420	Designated Agent: Richard Reddecliff
First Purchaser: Consolidated Gas Transmission	Address: P.O. Box 48
Address: P. O. Box 2450  (Street or P.O. Box)	Buckhannon, WVA 26201
Clarksburg, WVA 26301 (City) (State) (Zip Code) FERC Seller Code 009480	FERC Buyer Code 004229
NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCER BE ADDRESSED:	RNING THIS APPLICATION SHALL
Name: Vicki Vanderberg  (Print)  Signature: Land	Mung (Title)
Address: P.O. Box 697 (Street or P.O. Box) Indiana, PA	
Telephone: (City) (State)  (Area Code) (Phone	
(Certificate of Proof of Service to Puro	chaser)
NGPA Catagory A	Applied For
NGPA SECTION/SUBSECTION	
102 New Natural Gas 102-2 2.5 Mile Test 102-3 1000 Foot Deeper Test 102-4 New Onshore Reservoir  103 New Onshore Production Well × 103 New Onshore Production Well	108 Stripper Well Natural Gas 108- Stripper Well 108-1 Seasonally Affected 108-2 Enhanced Recovery 108-3 Temporary Pressure Buildup
107 High Cost Natural Gas 107-0 Deep (more than 15,000 feet) 107-1 Geopressured Brine 107-2 Coal Seams 107-3 Devonian Shale 107-5 Production enhancement 107-6 New Tight Formation 107-7 Recompletion Tight Formation	AGENCY USE ONLY
RECEIVED AUG 2 9 1985	QUALIED 2/29/2023
DIVISION OF OIL & GAS DEPARTMENT OF ENERGY	

Aug 20 1985 Date Received

Determination Date

### STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

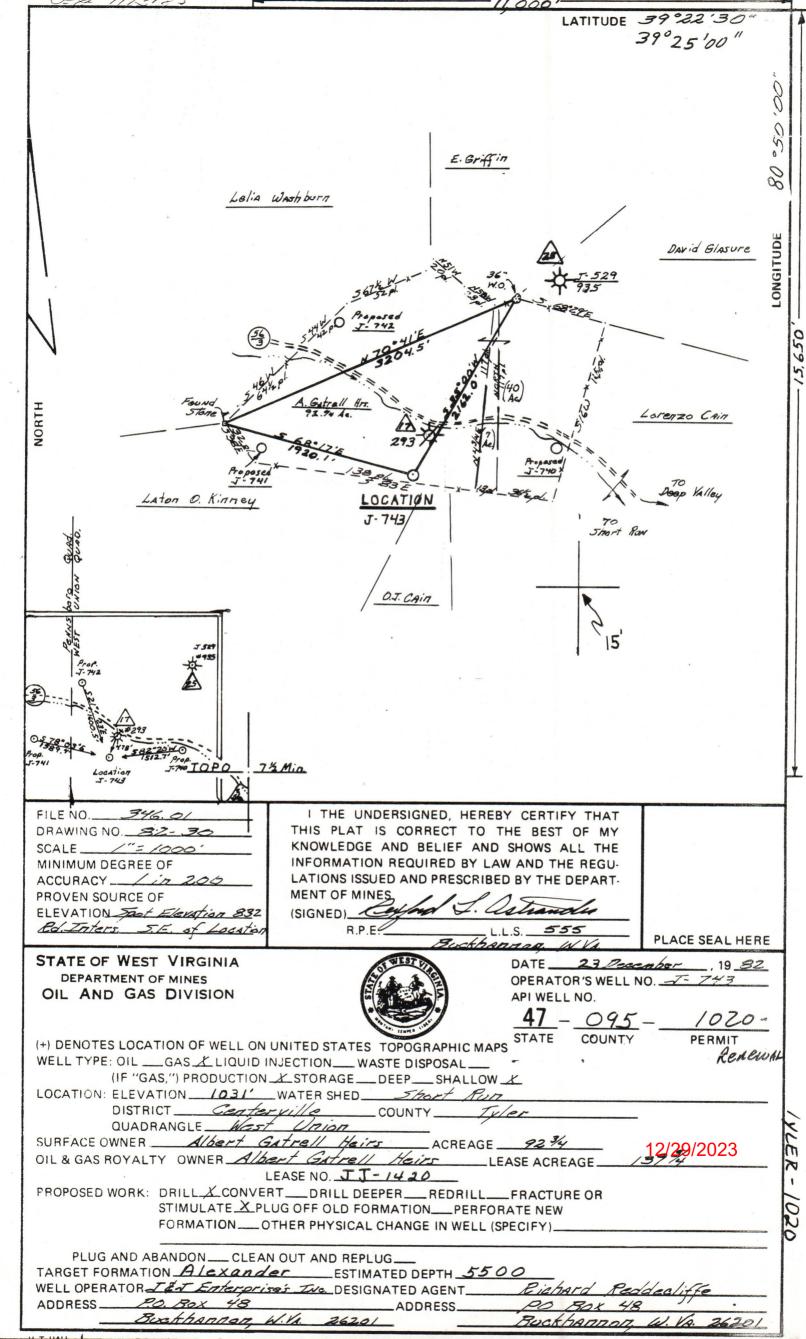
Date	ug do . 1985
Operator's Well No.	J- 743
API Well No. 47 -	095 - 1020R-0
State	County Permit

## WELL CLASSIFICATION FORM

# NEW ONSHORE PRODUCTION WELL

DESIGNATED AGENT James R. Willett  ADDRESS S.W. Jack Drilling Company  Box 48 Buckhannon, W. VA. 26201  WELL OPERATOR J & J Enterprises, Inc.  LOCATION: Elevation /03/  ADDRESS P. O. Box 697  Indiana, PA 15701  Watershed Short Run  Centerville county Tyler quad. West  Gas Purchase  Gas Purchase			
Box 48 Buckhannon, W. VA. 26201  WELL OPERATOR J & J Enterprises, Inc.  ADDRESS P. O. Box 697  Indiana, PA 15701  Cas Purchaser Con. Gas Trans. Corp.  Box 48 Buckhannon, W. VA. 26201  LOCATION: Elevation /03/  Watershed Short Run  Centerville county Tyler quad. West			
Box 48 Buckhannon, W. VA. 26201  WELL OPERATOR J & J Enterprises, Inc.  ADDRESS P. O. Box 697  Indiana, PA 15701  Cas Purchaser Con. Gas Trans. Corp.  Gas Purchase  Box 48 Buckhannon, W. VA. 26201  LOCATION: Elevation //03/  Watershed Short Run  Centerpille County Tyler quad. West			
ADDRESS P. O. Box 697  Indiana, PA 15701  Centerville county Tyler quad. West  CAS PURCHASER Con. Gas Trans. Corp.  Gas Purchase  Cas Purchase			
Indiana, PA 15701 Centerville County Tyler quad West			
CAS PURCHASER Con. Gas Trans. Corn. Gas Purchase	1100		
Box 2450 Contract No.	Gas Purchase Contract No.		
Clarksburg, W. VA.			
Date of Contract	5		
* * * * * * * * * * * * * * * * * * * *			
Date surface drilling was begun: July 22, 1985			
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			
BOTTOM HOLE PRESSURE $Pf=Pwe^{XGLS}$ 1 1 1 1 2 1 2 2 3 3 3 5 $\times$ 557 $=\frac{1}{29716} = 0.000034$ $Pf=1500 \times 2.72^{(0)}$	000034		
$(0.625)(4713)(0.9) = 1500 \times 2.72^{0.09} = 1500 \times 1.09$			
Pf=1635 psi Tamos H McFlwain			
I. James H. McElwain, having been first sworn according to law state 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 proration 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 was in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.			
James H. McCharain			
STATE OF WEST VIRGINIA			
COUNTY OF Indiana . TO WIT:			
I. Vicki 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			
the Doday of Aug. 1985, has acknowledged the same before me, in my county aforesaid.			
0>			
Civen under my hand and official seal this b day of dug. 1985.			
Civen under my hand and official seal this to day of Aug. 1985.  My XMXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			

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



8/29 1) Date:

,19 83

2) Operator's Well No.

J-743 (Renewal)

3) API Well No. 47 - 095-1020-R

State County Permit

## STATE OF WEST VIRGINIA DEPARIMENT OF MINES, OFFICE OF OIL & GAS

和"为一"。这种种主义是两个

OLD NO. 1020

		NOTICE OF APPLICATION FOR A WELL WORK PERMIT	
) SU	RFACE OWN	ER(S) OF RECORD TO BE SERVED 5(i) COAL OPERATOR	
(i)	Name	Albert Gatrell Heirs Address	
(-)	Address	C/O Cammie Gatrell	
		Greenwood, WV 26360 5(ii) COAL OWNER(S) WITH DECLARATION	ON RECO
(ii)	Name	Name Albert Gatrell Heirs	
	Address	Address <u>C/O Cammie Gatrell</u>	
		Greenwood, WV 26360	)
iii)	Name	Name	
	Address	Address Address	
	_	Add your address in the "RETIJEN TO" space on	
		L LESSEE WITH DECLARATION ON	RECORD
		1. The following service is requested (chark one.)  Show to whom and date delivered	
		5 PRESIDICTED DELIVERY	
		TO THE Show to whom and date delivered	
		(or form 1V-4 if the well is	
		ible, the proposed casing and	
		(QONJULT POSTMASTER FOR FEES) Form IV-6; and	
		T-743 less the well work is only to	
		m Alberto Gatrell Heirs sediment control and for	
		I & Go Cammie Gatrell IGHTS REGARDING THE APPLICATION	
		WHICH I Green wood WII 2/23/20 DE THE COPY OF THE APPLICATION	
		ACTION 0 3. ARTICLE DESCRIPTION:	
		T REGISTERED NO. CERTIFIED NO. INSURED NO.	
		for a miles of the state of the	
		Depart   (Always-Objoin signature of addressee or agent)   pribed on attached Application	
		Constr m I have received the article described above.	
		by har signature Claddressee Clauthorized agent ain circumstances) on or liversees	THE
			MIN
		6) EXT & DATE OF DELIVERY PRETMENT AUG 3 / 1000	5/1/1
		Che B BATE OF DELIVERY   ST. or contracts by which 1983	101
		T ELE ANDERSONIA	4400
		7) ROY IS OF FOR TO BE TO DELIVER BECAUSE: Werse side for specificity. In GAS DIVISION is dupon a lease or leases by or any similar provision is not inherently related d? Yes No	
		7) ROY IS	
		for m 6. UNABLE TO DELIVER BECAUSE: CLERK'S y or any similar provision	
		to t	-5
		E Carrier	
		ed. If the answer is Yes,	
		See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and	
		Reclamation Plan.	
The	truth of	the information on the WELL	
Noti	ce and Ar	olication is verified OPERATOR J&M Enterprises, Inc.	

and sworm to and the Notice is signed on behalf of the Well Operator in my County and State by

Bichard M. Reddenlift this 30th day of AUGUST My commission expires 10/16

Notary Public, (Loshus) State of Wast Winginia

Designated Agent Address P.O. Box 48

Buckhannon, WV 26201

Telephone 472-9403

## $\underline{\mathtt{I}}\ \underline{\mathtt{N}}\ \underline{\mathtt{S}}\ \underline{\mathtt{T}}\ \underline{\mathtt{R}}\ \underline{\mathtt{U}}\ \underline{\mathtt{C}}\ \underline{\mathtt{T}}\ \underline{\mathtt{I}}\ \underline{\mathtt{O}}\ \underline{\mathtt{N}}\ \underline{\mathtt{S}}\ \underline{\mathtt{T}}\ \underline{\mathtt{O}}\ \underline{\mathtt{A}}\ \underline{\mathtt{P}}\ \underline{\mathtt{P}}\ \underline{\mathtt{L}}\ \underline{\mathtt{I}}\ \underline{\mathtt{C}}\ \underline{\mathtt{A}}\ \underline{\mathtt{N}}\ \underline{\mathtt{T}}$

#### 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 § § 22-4-1m, 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.	Rovaltv	Book Page

Dec. 28, 1982 DATE

WELL NO. J-743

API NO. 47

# State of Mest Wirginia

Bepartment of Mines Wil und Cas Bivision Reverval

# 1120

CONSTRUCTION AND R	ECLAMATION PLAN
COMPANY NAME J & J Enterprises, Inc.	DESIGNATED AGENT Richard M. Reddecliff
Address P.O. Box 48	Address P.O. Box 48, Buckhannon, W
Telephone Buckhannon, WV 26201	Telephone 472-9403
LANDOWNER Albert Gatrell	SOIL CONS. DISTRICT Upper Ohio
Revegetation to be carried out by Rober	t Rogers (Agent)
This plan has been reviewed by Upo	er Ohio SCD. All corrections.
and additions become a part of this plan:	1/1/83
	(Date)
	(SCD Agent)
ACCESS ROAD	LOCATION
Structure Drainage Ditch (A)	Structure Diversion Ditch (1
Spacing To be constructed along road	Material soil
Page Ref. Manual 2-10	Page Ref. Manual 2-12
Structure Cross Drains (B)	Structure Rip-Rap (
20 12 12 12 12 12 12 12 12 12 12 12 12 12	Material Logs
Specific 1983	27/2
Page Ref. Manual 2:4 133 ANT	rage Net. Philad
Structure OIL & GAS DIVISION MI	NEstructure
Spacing DEPT. OF	Material
Page Ref. Manual	Page Ref. Manual
All structures should be inspected regular commercial timber is to be cut and stacked of cut and removed from the site before dirt wow.  Note: Drainage to be maintained after c	ork begins.  ompletion of well and seeding to
commence within 3 months after co	mpletion of well.
Treatment Area I	Treatment Area II
Lime 3 Tons/acre	Lime
or correct to pH 6.5	
Fertilizer 600 lbs/acre (10-20-20 or equivalent)	Fertilizer 600 lbs/acre (10-20-20 or equivalent)
Mulch Hay 2 Tons/acre	Mulch Hay 2: Tons/acre
Seed* Ky-31 Tall Fescue 30lbs/acre	Seed* Ky-31 Tall Fescue 30 lbs/acre
_Ladino Clover 5 lbs/acre	Ladino Clover 5 lbs/acre
lbs/acre	lbs/acre
*Inoculate all legumes such as vetch, trefo Inoculate with 3X recommended amount.	il and clovers with the proper bacterium.
PLAN	PREPARED BY Ed Summerfield
NOTES: Please request landowners'	ADDRESS P.O. Box 48
seedling for one growing season.	Buckhannon, WV 26201
Attach separate sheets as	DUONE NO 472-9403
necessary for comments.	PHONE NO. 472-9465

PACHOR PHOTOMEY SECTION OF DISCUSED TOPOGRAFIED MAP.

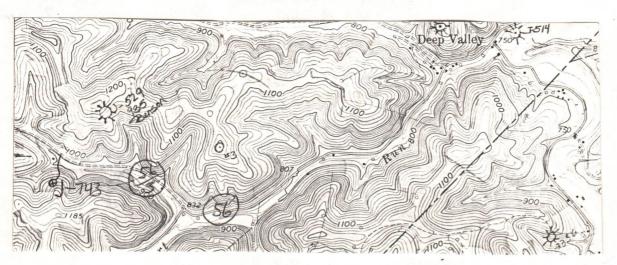
[U-DPANGE] West Union 7.5'

Property boundary

Road = = = = =

Well Site ()
Access Poad

Diversion William



WELL SITE PLAN

LECEND

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

