

1)	Date:	Nov.2	a	, 19 82
2)	Operator's Well No.	J-682		
3)	API Well No.	47	085	5984
			-	THE STATE OF THE S

State County

Permit

DRILLING CONTRACTOR:

STATE OF WEST VIRGINIA

PART OF MINES. OIL, AND GAS DIVISION OF MINES. OF MINES.

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S.W. Jack I	Drilling	g Co.	DI	EPART		OF MINES, OIL			ON office (dotted to	To be fills	
Box 48 Buckhannon	, WV 26:	201	ealbanks						n godin is this a str		CAL
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6 1001 Tros									/ Deep		
5) LOCATION		ict:C							k Hughes River  Quadrangle: _H		
6) WELL OPE		TOT D	nterpr	5671 Sec. 10. 5 To 36. 5	Part State of the Control of the Con	AND A COST OF THE PARTY OF THE			DAGENT Richard		
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			poro, I		26415		shift.	SJAHNIQ.	varieties Secretary	ne retribute	
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8) SURFACE	OWNER_			an		filed:			ph Hickman	Ils mossiff	(8
Address		Rt. #	oro, V	ATS 7	26415				Rt. # 2		70
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9) FIELD SAL	E (IF MAD	E) TO:				INTE	Territoria coma	Address		308.00	
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Name	anise so go	Samuel P.O. F				OIL &		Address	NAME OF BECOMOSCO	Late Mac Ma	(4)
ed no mora as	belon at l								Sank to writing	OK 11 SASAW	
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0 60010616				ALCOHOLD AND	The second second	ecify)			440Jai	nstrana Mag	11.2
6) GEOLOGIC									negrees asserted	Constitution On	101
18) Approx									feet.	nolinyals	
19) Approx							TO THE REAL PROPERTY.	NAME OF STREET	e area? Yes		v
) CASING AN						IS CO	oar being i	ninea in the	arear res	/ <sub>0</sub> No	X
) CASING A	AD LORING	J PROGRA	AM	det-1		and Jude 22			casing program an	Proposed	20)
CASING OR TUBING TYPE		SPE	CIFICATION Weight	VS		FOOTA	GE INTER	VALS	CEMENT FILL-UP OR SACKS	PACKE	ERS
tal tre-up	Size 3	Grade	per ft.	New	Used	For drilling	I	eft in well	(Cubic feet)	LAC She D	(15
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Intermediate	8/8	ERW	23	X	Maying	1200	12	200	To surface	Sizes	
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Check and pr			wing:						dan Jiraka ing Pila	III HIW DO	
Includ	led is the lea	se or lease	or other	contin	uing cor	itract or contracts	by whic	h I hold the	e right to extract oil or	gas. O V	
☐ The re	equirement o	of Code 22-	4-1-(c) (1)	throug	gh (4).	(See reverse side i	for specif	ics.)		entless ore	
2) ROYALTY F				100		aw of the year.	t Grandy	er, sats and			
similar provis	sion for con	npensation	to the ow	ner of	the oil	or gas in place w	hich is no	uing contra	act or contracts providing y related to the volume	ng for flat well	royalty or a
produced or	marketed?	Yes L	No X	E LUIA	38 30 31	raf fing y blass (a	DEPENDED.	leur voi	REPRESENTED ADVEN	Alte stoye	so extracti
the answer above  Required Cop	ve is No, no	thing addit	ional is no	eeded.	If the ar	nswer is Yes, you	may use	Affidavit I	Form IV-60.	to make or	
			nd the end	closed	olat and	reclamation plan	have be	n mailed h	y registered mail or de	19118 2286	d to the abo
named coal c	operator, coa	al owner(s)	, and coal	lessee	on or b	efore the day of t	he mailin	g or delive	ry of this Permit Appli	ication to the I	Department
Mines at Cha	arleston, We	est Virginia	1	11		<		100	(MX 12)	10 01	7/
Notary:	enda)	J. Cas	notell	be	ALE TO	10 P 10 P 10 P 10 P	Signed	THE RESERVE AND ADDRESS OF	ase od	deelip	1
My Commissio	n Expires	10/14	189	AN AL	B) 370	-m nathana	Its:	Y De	esignated Ager	nt (	1
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chand notice:	il liaw eli li	rolant is	ni sitti is			Joseph V. J. S. Co.		91199 (A. N.S.)	Date:	04/03/	<del>2024</del>
us permit coveri irements subject	ng the well	operator a	nd well location	ein and	shown b	reverse hereof	of permis	sion grante	ed to drill in accordance given to the District O	e with the per	tinent legal
teter to No. 10) h	rior to the c	construction	of roads.	locatio	ons and	pits for any permi	tted work	In additio	n, the well operator or	his contractor	shall notify
oper district oil	and gas insp	9, 198	ours befor	e actua	ıl permi	tted work has cor	nmenced	101191	adecidos liculais	dongraco s	all rotan
rmit expires		-/-	5				rilling is o	commenced	prior to that date and p	prosecuted with	due diliger
Bond:	Agent	: 4/ P	lat:	4	Casing	Fee		-			

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.
- 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.
  - 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.

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Like the state of the control of		WAIVER HAG		04/05/0004
The undersigned coal operator	/ owner	/ lessee		er this well location has ex-
amined this proposed well location. If	a mine map exists v	which covers the ar	ea of the well location,	the well location has been
added to the mine map. The undersign	ned has no objection	to the work propo	sed to be done at this lo	ocation, provided, the well
operator has complied with all applic	able requirements o	f the West Virginia	a Code and the govern	ing regulations.
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Its

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- 2) Your well name and number
- 3) To be filled out by office of oil & gas
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AND THE REPORT OF THE PARTY OF	THAU	WAIVER			
The undersigned coal operatoramined this proposed well location. If a	/ owner	/ lessee/ lessee			1/Q5/2024ex- ocation has been
added to the mine map. The undersigne operator has complied with all applical	ed has no objection	to the work propos	sed to be done at t	his location, pr	ovided, the well
To make the moscoped with due diligence	drilling is commenced a	205(QI)	232 1282	Azeraga Azeraga	Permit exputs
Date:	Adm	By	TAD TIME	Agenta	Hond:

Its

DRILLING CONTRACTOR:



1)	Date:	June 1	, 19 83
2)	Operator's		

Well No. 5984-REN. 085 47 3) API Well No.

State

County

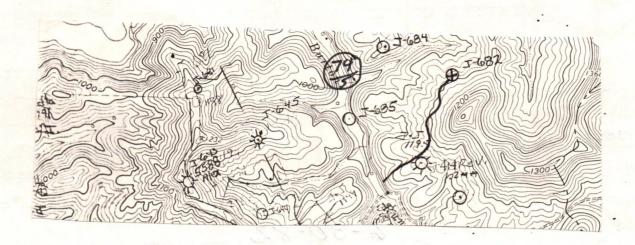
Permit

.W. Jack D	rillin	g Co.	DE	PARTM	ENT O	F MINES, OIL AN	D GAS DIVISIO	N RENEWA	AL - OLD NO. 5984
uckhannon,	WV 26	201	es latage Non mé	OIL AN	D GAS	WELL PERMIT	APPLICATION	aburd kumen dario birak	AA) "Oil" means
WELL TYPE:	A Oil	e floud by	/ Gas _	X	heune	п Ил воньто "за			
	B (If "	Gas", Proc	luction _	X			age		
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		ct:							Pennsboro
			The state of the s	es, I	nc.	11)			nard Reddecliff
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OIL & GAS	B	uckhani	non, w	V 262	OT				khannon, WV 26201
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		Pennsl	oro,	WV 2	6415				No. of the Control of
Acreage	49	D - 1 - 1	77.2 -1			13)			ARATION ON RECORD:
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Address		Samusa		STERMS.			9	10 10 10 10 10 10 10 10 10 10 10 10 10 1	ABITO SAND AND TOTAL
	-	200 A 211 2	201466			11 N 14)	COAL LESSEE	WITH DECLAR	ATION ON RECORD:
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17) Estimated				-	250	feet			nolisvala
<ul><li>18) Approxin</li><li>19) Approxin</li></ul>				,	_			feet.	No X
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CASING OR TUBING TYPE		SPE	CIFICATION	NS I		FOOTAGE	INTERVALS	CEMENT FILL-U OR SACKS	PACKERS
TUBINO TIPE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	(Cubic feet)	21) Code 22 4:1
Conductor	113/4	H-40	42	X		30	shot of shiftys	0 sks.	Kinds
Fresh water	85/8	ERW	23	х	1640	1200	1200	To surf	
Coal	85/8	ERW	23	X	20/100	1200	1200	To surf	ace Sizes Kulc 15-C
Intermediate Production	41/2	J-55	10.5	Jasym		FAFO	5450	175 -1	Depths set OP CPS PS
Tubing	42	0-55	10.5	X		5450	5450	175 sks	by Rule 15-0
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produced or n	narketed?	Yes 🗆	No 🔯						The state of the s
the answer abov	e is No, n	othing addi	tional is n	eeded. It	f the an	swer is Yes, you m	ay use Affidavit F	form IV-60.	thrells weak
Required Cop	State of the State of	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.		closed at	at and a	eclamation plan be	ve been mailed by	registered mail on	delivered by hand to the abo
Copies of this named coal or	perator, co	al owner(s)	, and coal	lessee or	or bef	ore the day of the	mailing or delivery	of this Permit A	pplication to the Department
Mines at Char	THE CONTRACTOR OF THE CONTRACT	AT A COUNTY OF THE PARTY OF THE		100	10 20 50		· · ·	0 111	(11001)
Notary.	ush	S.Ca	nglech	3	A PAR	mai vicinio al 1 4	Signed:	lead Pl.	Contenting
My Commission	n Expires_	Octob	ex) /	6,198	9		Its: De	esignated A	gent
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4	7-085	5984-R	FN			RILLING PER		June	23
rmit number	, 005	3704-R	LIN .			/ lessee	398 400	The state of the section	Date 04/05/20249
is permit coveri	ng the wel	l operator	and well l	ocation s	hown b	elow is evidence of	permission grante	ed to drill in accor	dance with the pertinent lega
irements subject	t to the co	nditions co	ntained he	erein and	on the	reverse hereof.Not	fication must be a	iven to the Distric	t Oil and Cas Inspector
for to No 10) P	rior to the	construction	n of roads	location	s and ni	its for any permitted tted work has com	work. In additio	on, the well operate	or or his contractor shall notify
			23, 198		. periii			prior to the day	and prosecuted with due dilige
rmit expires	Agei		Plat:		Casing	Fee unless dri	ining is commenced	prortomardate	and prosecuted with due diffge
a. A	Ago	1	100	16	1	1115	10	Implementary Occur	on of Oil and Con
75 95	0	1	0	1 1		1/1/1	Ad	iministrator, Offic	ce of Oil and Gas

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

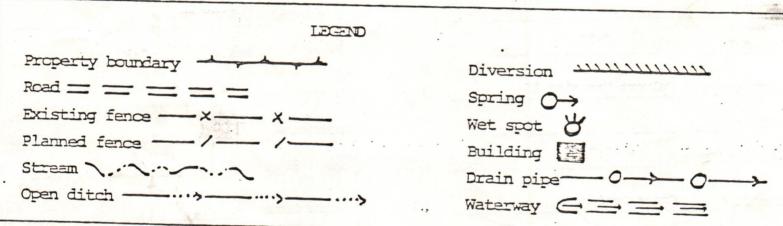
Pennsboro 7.5'

Well Sits ()
Access Road ——



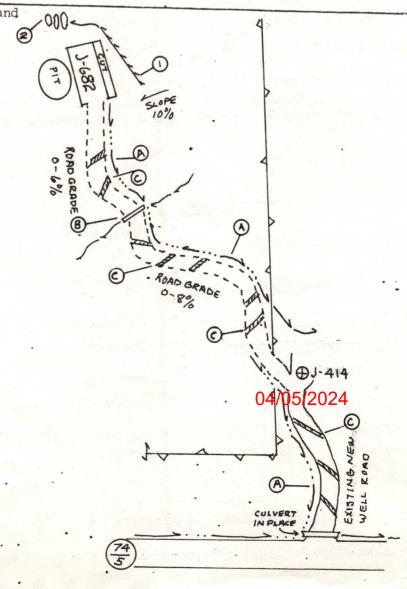
#### WELL SITE PLAN

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



Access road will follow existing new well road and an up-graded old farm road. All grades for location and road are indicated on drawing as well as sediment control structures. All timber will be cut and stacked.

Access road subject to change between company and land owner or acquirement of "Right of Way." If changed, a revised plan will be submitted. All cuts on 2:1 slope.



DATE 6/29/82 ev 3-31) WELL NO. State of Mest Mirginia API NO. 47 Beparlment of Mines mieinis as miein CONSTRUCTION AND RECLAMATION PLAN MPANY NAME J & J Enterorises, Inc. DESIGNATED AGENT Harry L. Barnett P.O. Box 48 Buckhannon, WV 26201 Address Address P.O. Box 48 Buckhannon, WV Telephone 472-9403 Telephone 472-9403 ANDOWNER Dolph Hickman SOIL CONS. DISTRICT Little Kanawha Revegetation to be carried out by Robert Rogers This plan has been reviewed by Little Kanawha SOD: All corrections nd additions become a part of this plan: ACCESS ROAD LOCATION tructure Drainage DItch (A) Structure Diversion Ditch pacing Material Earthen 2:10 age Ref. Manual Page Ref. Manual 2:12 Culvert Max size 16' tructure (B) Structure Rip-Rap pacing Logs Material age Ref. Manual Page Ref. Manual Cross Drains tructure Structure 80' - 400' cacing Material age Ref. Manual Page Ref. Manual All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins. REVEGERATION Treatment Area I Treatment Area TT Tons/acre Lime 3 Tons/zema or correct to pH or correct to pH 600 lbs/acre 600 lbs/acre (10-20-20 or equivalent) (10-20-20 or equivalent) ulch HAY Tons/acre Mulch HAY 2 Tons/acre Kentucky 31 Fescue 45 lbs/acre Seed\* Kentucky 31 Fescue 45 lbs/acra 10 Annual Rye lbs/acre 10 lbs/acre Annual Rye 04/05/2024 lbs/acre lbs/acre \*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. roculate with 3X recommended amount. PLAN PREPARED EY Ed Summerfield NOTES: Please request landowners' P.O. Box 48 ADDRESS ecoperation to protect new seecling for one growing season. Buckhannon, WV 26201 Attach separate sheets as 472-9403

14. CT	AND THE STATE OF THE STATE OF	1-682	So in
726 OIL AN	ND GAS LEAS	E 9-682  JJ-1196	a-6
AGREEMENT, made and entered into this by and between Deight HILKMAN	day of	SANUARY	A. D. 19 82
and  1. WITNESSETH: That the Lessor, in consideration the covenants and agreements hereinafter contained, do stituents of either in and under the land hereinafter des and gas and their constituents and of storing gas of any at all times for the purpose of drilling and operating for structures, and to possess, use, and occupy so much of satthe above named products therefrom or thereto by pipe	cribed, together with the exclusive ind in any formation underlying oil, gas and water, laying pipe laid premises as is necessary and	f the second part, hereinaft except of which is bereby ac- e all of the oil and gas and we right to drill for, produce the land, and also the right lines, erecting tanks, machin convenient for said purpose	er called Lessee; knowledged, and d all of the con- e and market oil to enter thereon nery, powers and as and to convey District
a in lititie state of Wist	· U.Ph. Jih and	described as follows to-wit	Bounded on the
MOST by lands of Devices TRACE AND SOUTH by lands of Berral Row RD  WEST by lands of Develope Row RD	1 FARTS TRACT	DIEGU	EUW SIN
EAST by kinds of LANTS TRACT AND	MULBY TRACT		3
SUUTH by lands of BUTTON RON RO		CICI MINI	13 1002
WEST by lands of Do Pit HILKMAN		1101	13 1982
Containing 49	acres more or less and	being the same land conve	eyed to lessor by
	by deed dated	OIL & G	AS DIVISION and
recorded in said county records in	Book No	DE Page l	OF MINES
2. It is agreed that this lease shall remain in force for a thereafter as operations for oil or gas are being conductions the boroin and band a made in the boroin and band a made in the boroin and band a made in the boroin and the boroin area.	a primary term of 2 (Two	years from this gas is found in paying quar	date and as long
3. The Lessee shall deliver to the credit of the Lessor one-eighth (1/8) part of all oil produced and saved from one-eighth (1/8) part of	free of cost, in the pipe the to	which he may connect me	wells, the edual
for all gas and casing head gas produced and sold from the rate of Fifty Dollars per year on each gas well while, throwhile said royalty is so paid said well shall be held to be	ough lack of market, gas therefro	om is not sold or used off	
4. The Lessee shall commence operations for a well on	the premises on or before SA	122/ 3/ST , 19	92, unless Lessee
pays thereafter a rental of 1969 50 the time above mentioned. The consideration first recto the date when first said rental is payable as aforesa any and all other rights conferred. The drilling of a raperiod of one year after its completion, and following for a period of one year to resume the payment of dela of payment of rentals the provisions hereof governing sunot been interrupted.	ted herein, the down payment, id, but also the Lessee's option con-productive well shall be accept the exhaustion or abandonment y rental or commence operation	of extending that period pted by the Lessor in lieu of of all wells the Lessee sha s for another well. Upon	privilege granted as aforesaid, and of delay rental for all have the right
5. All moneys coming due hereunder shall be paid	or tendered to DiPH An	D VERBEL HILL	MAN
direct, or by check payable to his (or her) order mailed and no default shall be declared against the Lessee by conditions provided for herein unless the Lessee shall re- ceived written notice by registered mail from the Lessor 6. Lessor reserves according to the feet of gas per annur- gas well, and agrees to pay Lessee a fair domestic rate for	to Bold Prins the Lessor for failure of the Les fuse or neglect to pay or perfo of his intention to declare such a for domestic use, to be taken to or any gas used in excess there	essee to make any payment orm the same for ten days default.  through his own appliances of Lessor further covenants	t or perform any after having re-
his taking and use of gas shall be wholly at his own risk nor shall Lessee be liable for any shortage or failure in	the Lessee not to be held liable	tor any accident or damag	e caused thereby,

8. Lessor further grants to the Lessee, his heirs and assigns, the right to unitize this lease with other leases to form a drilling unit or units according to the rules and regulations which may be adopted for the proper development and conservation of the field. In the event this lease is so unitized, the Lessor agrees to accept, in lieu of the royalty hereinbefore recited, such proportion of the royalty above provided, as the acreage covered by this lease bears to the total acreage comprising the unit.

9. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royal-ties and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided

10. No well may be drilled nearer than 200 feet to the house or barn now on said premises without the written consent of Lessor. Lessee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of this lease, and shall have the right to use, free of cost, gas, cil and water produced on said land for its operations thereon, except water from placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth.

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease insofar as it covers a part or parts of said land upon which the said Lessee or any assignee thereof shall make due payment of said rental. No change of ownership in the land or in the rentals or royalties shall tified copy thereof.

12. At any time, Lessee, its successors or assigns shall have the right to available this lease without the said time.

tified copy thereof.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancelation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this lease shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one of them, or to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail addressed to the post office address of such person, or by recording a duly executed surrender thereof in the property of the county in which the land is located.

13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.

14. It is expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any remain in force and its terms continue so long as such operations are prosecuted, and if production results thereform, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any remain in force during the prosecution of such operations, and, if production results thereform, then as long as off or gas is producted in paying quantities.

13. This lease embodies the entire contract and agreement between Lessor and Lessee, and no warranties, representative	dong, prom-
es or inducements not herein expressed have been made or relied upon by either party. The terms, conditions and of shall extend to the respective heirs, executors, administrators, successors and assigns of the parties hereto.	stipulations
·	-
Witness the hands and seals of the parties hereto the day and year first above written.	
VITTIESS?	
Thomas B. Hearns Dolfw Dubinan	(SEAL)
Momas 13. Means June 13. According	(SEAL)
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WEST VIRGINIA ACKNOWLEDGMENT	77
TATE OF WEST VIRGINIA  To-wit:	443
COUNTY OF Upshue	
Roule Jauby a Notary Public of said County, do hereby certify that	
Dolph Hickman + Verbil Hickman	
whose name is signed to the within writing bearing date the 2012 day of August	1881
this day acknowledged the same before me in my said County.	
Given under my hand this 20 4c day of August 18,81	
Roude of Laylor	
My Commission expires 3/24/91	
WEST VIRGINIA ACKNOWLEDGMENT	
STATE OF WEST VIRGINIA	
To-wit:	
COUNTY OF	
I,, a Notary Public of said County, do hereby certify that	
whose name signed to the within writing bearing date the day of	, 19
ha this day acknowledged the same before me in my said County.	
Given under my hand this day of 19	
Notary Public	
My Commission emires	
THIS INSTRAMENT PREPARE	D BA
STATE OF OHIO,	
STATE OF ONIO,	
COUNTY OF	
Before me, a Notary Public in and for said county, personally appeared the above named	
who a	cknowledge
that he did sign the foregoing instrument, and that the same is free act and deed.	In testimon
whereof I have hereunto subscribed my name at, this	
day of 19	
My Commission expires	
No. 17. Liv.	
Notary Public	
Filed Filed Coun  Coun  Reco  Book  Teste	
Dato  Acres  Location  County  Term  Term  County  County  County, W. V  19at  Recorded into Book No  Testes	(Stand
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ounty  erm  erm  and admitted and admitted Clerk of the Co ty, W. Va. at No. 38	20 00
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Ch. ice	in the total

Ritchie County Commission Clerk's Office,

August 24th

19 81 at 1:45 o'clock P. M. The foregoing writing, with the certificate of acknowledgment thereto, was this day admitted to record in said office. Teste: Linda B. Many, Clerk

# PORM IV-35 (Reverse)

18-781

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STITULATING, PHYSICAL THANGE, ETC.

Alexander; Perforations: 5259-65 (14 holes)

Fracturing: 10,000 lbs. 80/100 sand: 40,000 lbs. 20/40 sand: 500 gal. Acid: 500 gal. fluid.

Benson: Perforations: 4969-71 (9 Holes)

Fracturing: 10,000 lbs. 80/100 sand: 50,000 lbs. 20/40 sand: 500 gal. Acid:

530 Bbsl. fluid.

Riley: Perforations: 4582-83 (3 holes) 4592-93 (2 holes) 4611-12(3 holes)

Fracturing: 10,000 lbs. 80/100 sand: 33,500 lbs. 20/40 sand: 500 gal Acid:

73 Bbls. fluid.

\*ELL 100

FORMATION	Color	Hard or Soft	Too Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, scal, oil and ras
Clay Red rock, sand & sha Red rock, sand & sha Sand, red rock & sha Coal Sand & shale Coal Sand, shale & red roc Sand, shale, red roc Sand & shale Lime Shale, Lime & red roc Sand, shale & red roc Sand & shale Sand & shale Sand, shale & white Sand, shale & lime Big Lime Big Injun Sand & shale Riley Sand & shale Benson Sandy shale	Le Le Le Ck Ck Ck	Soft	0 5 75 90 225 228 250 255 365 520 737 744 752 815 857 965 1320 1620 1890 1950 2064 2169 4582 4640 4969 4971		Including indication of all fresh and salt water, soal, sil act gas   3/4" to 1" stream @ 70'     Damp @ 1515   1½" stream @ 1620     Gas ck @ 1981 10/10-½" w/water   5,953 cu.ft.     Gas ck @ 2236 30/10-½" w/water   10,309 cu.ft.     Gas ck @ 2033 2/10-2" w/water   60,000 cu.ft.     Gas ck @ 5083 2/10-2" w/water   60,000 cu.ft.
Benson		tile.	4969	4971	
		Esta VI Terr	793	T.D.	

(Attach separate sheets to complete as necessary)

J&J Enterprises, Inc.

\*\*ell Operator

By

Robert Dahlin Geologist

O4/05/2024

NOTE: Regulation 2.32(i) provides as follows:

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

Date:	July 12	, 19 83
Operator's Well No	J-682	The second
API Well No.	47 085 State County	- 5984

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

# WELL OPERATOR'S REFORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

District: Clay Dounty: Ritchie Quadrangle: Pennsboro  WELL DERATTR J&J Enterprises, Inc. Designated Address Richard Reddecliff  Address P.O. Box 48  Buckhannon, WV 26201 Buckhannon, WV  PERMITTED WIRK: Drill X Donvert Drill deeper Reddill Fracture or still Plug off old formation Plug off plug off plug change in well (specify)  PERMIT ISSUED ON 10/9 19 82 OIL & GAS INSPECTOR FOR THIS WORK:  (IF APPLICABLE: PLUGGING OF DRY HILE ON REMORKING. VERBAL PERMISSION DEFORMATION DATA PERMISSION DEFORMATION DATA PERMISSION DEFORMATION DEPTH REDDING REMORKING. VERBAL PERMISSION DEFORMATION DEPTH REDDING COMPLETE ADDRESS P.O. Box 66  Smithville, WV 26  GEOLOGICAL TARGET FORMATION: Alexander Depth Depth of completed well, 5627 feet Rotary / Cable Tools Water strata depth: Fresh, 70,1620et; sait, O feet.  Coal seam depths: 225-28,250-35 Is coal being mined in the areat NO Work was commenced 6-6 ,1983, and completed 6-14 ,19  CASING AND TUBING PROGRAM  CASING OR SPECIFICATIONS FOOTAGE INTERVALS CHANT FILL-UF PARTS OR SACKS TUBING TIPS Size Oracle Permission Depth New Used For drilling left in well Codic feet.  Conductor 113/4 H-40 42 x 30 0 0 Osks. Vinds  Fresh water 85/8 ERW 23 x 1422.85 1422.85 335 sks. Sizes  Intermediate Production 41, J-55 10.5 x 5348 51 422.85 335 sks. Sizes  Tubing Production 41, J-55 10.5 x 5348 51 422.85 335 sks. Sizes  Tubing Production 41, J-55 10.5 x 5348 51 422.85 335 sks. Sizes  Tubing Production 41, J-55 10.5 x 5348 51 422.85 335 sks. Sizes	LOCATION:	Elevatio	n:	1200		.wa	atershed: N	orth Fork	Hughes River	
Buckhannon, WV 26201  Buckhannon, WV 26201  Buckhannon, WV 26201  Buckhannon, WV 26201  File Buckhanno					With the same		The second secon			nsboro
Buckhannon, WV 26201  Buckhannon, WV 26201  Buckhannon, WV 26201  Buckhannon, WV 26201  File Buckhanno		T 2T -	Fnto	rnria		Ina			ne Dichard D	addaaliff
Buckhannon, WV 26201  Buckhannon, WV 26201  Buckhannon, WV 26201  Buckhannon, WV 26201  PREMITTED WIRK: Oriti x/ Forest / Poriti desper / Redrill / Fracture or sti Plug off old formation / Perforate new formation / Practure or sti Plug off old formation / Perforate new formation / Practure or sti Plug off old formation / Perforate new formation / Practure or sti Plug off old formation / Perforate new formation / Perforation / Pe					1000	Company of the Company				
PERMITTED WERK: Drill X / Jonvert _ Drill deeper _ Sedrill _ / Fracture is and Plug off old formation _ / Perforate new formation _ / Other physical change in well (specify)  PERMIT ISSUED ON	Accress	P	Buckh	annon	. WV	2620	)1	address		
Other physical change in well (specify)  PERMIT IDSUED ON 10/9 , 19 82 OIL & GAS INSPECTOR FOR THIS WORK:  (IF APPLICABLE: PLUGGING OF DRY MILE DU SENDOMINIOUS PROPRESSION PROMISEILING OR REWORKING. VERBAL PERMISSION DETAILING OR REWORKING. VERBAL PERMISSION PROMISEILING OR REWORKING. VERBAL PERMISSION PROMISEILING OR SAUGH PROPRESSION PROMISEILING OR SAUGH PROMISEIN PROMISEIN PROPRESSION PROMISEIN PROPRESSION PROMISEIN PR		-								
Other physical change in well (specify)  PERMIT IDSUED ON 10/9	PERMITTED WO	RK: Dri	11 _x	_/ 30:	nvert		' Drill deepe	r′ Red:	rill/ Frac	ture or stim
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Samuel N. Hersman    Combined   Purposition of Part Still Discourage   Name   Samuel N. Hersman		Oth	er ph	vsical	chang	e in	well (specify)			
Samuel N. Hersman    Combined   Purposition of Part Still Discourage   Name   Samuel N. Hersman								and the second		
CENTINGOUS PROPRESSION PROM DEFLINS OR REWORKING. VERBAL PERMISSION STATEMENT  , 19  GEOLOGICAL TARGET FORMATION:  Depth of completed well, 5627 feet Rotary x / Cable Tools  Water strata depth: Fresh, 70,1620 st., salt, 0 feet.  Coal seam depths: 225-28,250-35 Is coal being mined in the area? NO  Work was commenced 6-6 , 1983 , and completed 6-14 , 19  CASING AND TUBING PROGRAM  CASING OR TUBING TIFE Size Drade fer fit New Used For drilling left in well (Cubic feet)  Conductor 113/4 H-44 42 x 30 0 0 sks. kinds  Fresh water 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Coal 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Intermediate Production 44 J-59 10.5 x 5249.75 FMINES  Combined Final open flow, Mor/d Cit: Initial open flow, Ball Times Static rock pressure, 1650 paig (surface measurement) after 96 hours shut in 11 gaptionist due to multiple completion-1  Second producing formation Benson & Riley Pay sone de 104 / 105/20/20/20/20/20/20/20/20/20/20/20/20/20/	PERMIT ISSU	ED CN	10/	9		, 19_	82	OIL & GAS INS	SPECTOR FOR THIS	WORK:
Smithville, WV 26  Depth of completed well, 5627 feet Rotary x / Cable Tools  Water strata depths: Fresh, 70,1620 feet; salt, 0 feet.  Coal seam depths: 225-28,250-35 Is coal being mined in the arear NO  Work was commenced 6-6 , 1983 , and completed 6-14 , 19  CASING AND TUBING PROGRAM  CASING OR SPECIFICATIONS FOOTAGE INTERVALS OR SACKS  Conductor 113/4 H-44 22 x 30 0 0 sks. Minds  Fresh water 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Fresh water 85/8 ERW 23 x 1422.85 1422.85 335 sks. Sizes  Internetiste  Production 44 J-55 10.5 x 5340 Feet 142.85 335 sks. Sizes  Tubing  Liners  OPEN FLOW DATA  Froducting formation Alexander Pay zone depth 5259-65  Combined Final open flow, Mor/d Cit: Initial open flow, Bbl.  Time of open flow between initial and final tests, 4 hours  Static rock pressure, 1650 psig (surface measurement) after 96 hours shut in  Size of spen flow, Mor/d Cit: Initial open flow, Bbl.  Time of spen flow, Mor/d Cit: Initial open flow, Bbl.  Time of spen flow, Mor/d Cit: Initial open flow, Bbl.  Time of spen flow, Mor/d Cit: Initial open flow, Bbl.  Final open flow, Mor/d Cit: Initial open flow, Bbl.  Final open flow, Mor/d Cit: Initial open flow, Bbl.  Time of spen flow between initial and final tests, 4 hours  Static rock pressure, Benson & Riley Pay sone de 104/05202  Description of spen flow between initial and final tests, hours  Pressure Static rock pressure, paig (surface measurement) after hours shut in  GLS	(IF APPLICA	BLE: PL	UGGING	OF DEY	HOLE	E ON .		Name Sam	uel N. Hersma	n
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Depth of completed well, 5627 feet Rotary x / Cable Tools  Water strata depth: Fresh, 70,1620 et; salt, 0 feet.  Coal seam depths: 225-28,250-35				, 19					Smithvill	e, WV 261
Mater strata depth: Fresh, 70,1620et; salt, 0 feet.  Coal seam depths: 225-28,250-35	GEOLOGICAL	TARGET F	ORMATI	ON:	7	Alex	ander		Depth	fe
Coal seam depths: 225-28,250-35  Work was commenced 6-6 , 1983 , and completed 6-14 , 19  CASING AND TUBING PROGRAM  CASING OR CASING OR SPECIFICATIONS TUBING TIPE Size Grade per fit New Used For drilling left in well (Cubic feet)  Conductor 113/4 H-40 42 x 30 0 0 0 8ks. Kinds  Fresh water 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Coal 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Intermediate  Production 44 J-55 10.5 x 5244.55 335 sks.  Tubing  Liners  COPEN FLOW DATA  Producing formation Alexander Pay zone depth 5259-65  Tas: Initial open flow, 852 Mcf/d Final open flow, 3bl.  Time of open flow between initial and final tests, 4 hours  Static rock pressure, 1650 psig (surface measurement) after 96 hours shut in 117 applicable due to multiple completion-1  Second producing formation Benson & Riley Pay tone depth 152020  Pressure Static rock pressure, psig (surface measurement) after 96 hours shut in 125 open flow, 3614  Final open flow, Mcf/d Cit: Initial open flow, 3615  Final open flow, Mcf/d Final open flow, 3615  Final open flow pressure, psig (surface measurement) after 5015  Final open flow pressure, 5016 surface measurement) after 5016  Final open flow pressure, 5026 surface measurement) after 5027  Final open flow pressure, 5026 surface measurement) after 5027  Final open flow pressure, 5027  Final open flow pressure psig (surface measurement) after 5027  Final open flow pressure psig (surface measurement) after 5027  Final open flow pressure									Cable Tools	_
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CASING AND TUBING PROGRAM  CASING OR SPECIFICATIONS FOOTAGE INTERVALS OBMENT FILL-OF NO SACKS (Cubic feet)  Conductor 113/4 H-40 42 x 30 0 0 0 sks. Minds  Fresh water 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Coal 85/8 ERW 23, x 1422.85 1422.85 335 sks. Sizes  Intermediate  Production 44 J-55 10.5 x 5346.75 BRAD TO 25 sks. Depths set  Tubing  Liners  OPEN FLOW DATA  Producing formation Alexander Pay zone depth 5259-65  Tas: Initial open flow, Mor/d Cil: Initial open flow, BbL.  Time of open flow between initial and final tests, 4 hours  Static rock pressure, 1650 psig (surface measurement) after 96 hours shut in  Lify applicable due to multiple completion-)  Second producing formation Benson & Riley Pay zone depth 1969-71  Second producing formation Benson & Riley Pay zone depth 325/202/202/202/202/202/202/202/202/202/2	Coal s	eam dept	ns: 22	5-28,2	250-3	35	_ Is coal be	ing mined in	the area? - NO	
CASING OR TUSING TIPE  Size Crade zer ft New Used For drilling left in well (Cable feet)  Conductor 113/4 H-40 42 x 30 0 0 0 0 sks. Einds  Fresh water 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Coal 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Coal 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Intermediate  Production 41 J-55 10.5 x 5344 55 1422.85 335 sks.  Coal 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Depth set  Tubing  Liners  ONL & GAS DIVISION 4969 4 4582 4  OPEN FLOW DATA  Producing formation Alexander Pay zone depth 5259-65  Tas: Initial open flow, Mof/d Cit: Initial open flow, Bbl.  Combined Final open flow, 852 Mof/d Final open flow, Bbl.  Time of open flow between initial and final tests, 4 hours  Static rock pressure, 1650 psig (surface measurement) after 96 hours shut in  Iff applicable five to multiple completion-1  Second producing formation Benson & Riley Pay zone de:04/05/202/ Cas: Initial open flow, Mof/d Cit: Initial open flow, Bbl.  Time of open flow, Mof/d Final open flow, Bbl.  Final open flow, Mof/d Final open flow, Bbl.  Time of open flow between initial and final tests, hours  Pressure Static rock pressure, psig (surface measurement) after hours shut in  String of open flow between initial and final tests, hours  Pressure Static rock pressure, psig (surface measurement) after hours shut in	Work w	as comme	nced _	6-	-6			and completed	6-14	, 19
CASING OR TUBING TIPE  Size Cradersor (T. New Used For drilling left in well (Cabbe feet)  Conductor 113/4 H-40 42 x 30 0 0 0 0 ks. Minds  Fresh water 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Coal 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Coal 85/8 ERW 23 x 1422.85 1422.85 335 sks.  Intermediate  Production 41 J-55 10.5 x 5344 55 1422.85 335 sks.  DEPT. FMINES  ONL & GAS DIVISION 4969 4  4582 4  COPEN FLOW DATA  Producing formation Alexander Pay zone depth 5259-65  Tas: Initial open flow, Mor/d Cil: Initial open flow, Bbl.  Combined Final open flow, 852 Mor/d Final open flow, Bbl.  Time of open flow between initial and final tests, 4 hours  Static rock pressure, 1650 psig (surface measurement) after 96 hours shut in 167 applicable five to multiple completion-1  Second producing formation Benson & Riley Pay zone de:04/05/202/202/202/202/202/202/202/202/202/			200211							
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Static rock pressure,   1650 psig (surface measurement) after   96   hours shut in   17   19   10   10   10   10   10   10   10	Description	85/8	ERW	23	×		1422.85	1422.85	335 sks.	
Intermediate  Production 44 J-55 10.5 x 5348 55 7887.75 725 sks. Depths set  Tubing  Liners Ferforation  OPEN FLOW DATA  Producing formation Alexander Pay zone depth 5259-65  Tas: Initial open flow, Mcf/d Cii: Initial open flow, Bbl.  Combined Final open flow between initial and final tests, 4 hours  Static rock pressure, 1650 psig (surface measurement) after 96 hours shut in  Lift applicable due to multiple completion-1  Second producing formation Benson & Riley Pay zone depth 4969-71  Second producing formation Benson & Riley Pay zone depth 5259-65  Time of open flow, Mcf/d Final open flow, Bbl.  Final open flow, Mcf/d Final open flow, Bbl.  Time of open flow between initial and final tests, hours  Pressure Static rock pressure, psig (surface measurement) after hours shut in		11								51-05
Production at J-55 10.5 x 5346 75 7880 75 225 sks. Depths set  Tubing  Liners    Def			21/1/	23,	^		1122.00	1.22.05	i i	
Tubing Liners  Liners    1			T. E.E.	10 5	1	100	5340 75	THE SAME THE	225 sks	Detths set
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OPEN FLOW DATA  Producing formation Alexander Pay zone depth 5259-65  Tas: Initial open flow, Mef/d Oil: Initial open flow, Bbl.  Combined Final open flow between initial and final tests, 4 hours  Static rock pressure, 1650 psig (surface measurement) after 96 hours shut in lift applicable due to multiple completion-1  Second producing formation Benson & Riley Pay zone de:04/05/2020  Cas: Initial open flow, Mef/d Oil: Initial open flow, Bbl.  Final open flow, Mef/d Oil: Initial open flow, Bbl.  Time of open flow between initial and final tests, hours  Pressure Static rock pressure, psig (surface measurement) after hours shut in final open flow, Pay zone de:04/05/2020		1899				100	Me	1	<b>y</b>	Perforation
OPEN FLOW DATA  Producing formation Alexander Pay zone depth 5259-65  Das: Initial open flow, Mof/d Cil: Initial open flow, Bbl.  Combined Final open flow, 852 Mof/d Final open flow, Bbl.  Time of open flow between initial and final tests, 4 hours  Static rock pressure, 1650 psig (surface measurement) after 96 hours shut in  [If applicable due to multiple completion-] 4969-71  Second producing formation Benson & Riley Pay zone de: 04/05/204/  Gas: Initial open flow, Mof/d Oil: Initial open flow, Bbl.  Final open flow, Mof/d Final open flow, Bbl.  Time of open flow between initial and final tests, hours  Pressure Static rock pressure, psig (surface measurement) after hours shut in  Second producing formation Benson & Riley Pay zone de: 04/05/204/05/				133			137	4 1983		Top
OPEN FLOW DATA  Producing formation Alexander Pay zone depth 5259-65  Das: Initial open flow, Mof/d Cil: Initial open flow, Bbl.  Combined Final open flow, 852 Mof/d Final open flow, Bbl.  Time of open flow between initial and final tests, 4 hours  Static rock pressure, 1650 psig (surface measurement) after 96 hours shut in  [If applicable due to multiple completion] 4969-71  Second producing formation Benson & Riley Pay zone der 04/05/2020  Das: Initial open flow, Mof/d Oil: Initial open flow, Bbl.  Time of open flow between initial and final tests, hours  Pressure Static rock pressure, psig (surface measurement) after hours shut in  GLS							300			5259 52
Producing formation Alexander Pay zone depth 5259-65  Das: Initial open flow, Mof/d Cil: Initial open flow, Bbl.  Combined Final open flow, 852 Mof/d Final open flow, Bbl.  Time of open flow between initial and final tests, 4 hours  Static rock pressure, 1650 psig (surface measurement) after 96 hours shut in  [If applicable due to multiple completion] 4969-71  Second producing formation Benson & Riley Pay zone de: 04/05/2020  Das: Initial open flow, Mof/d Oil: Initial open flow, Bbl.  Final open flow, Mof/d Final open flow, Bbl.  Time of open flow between initial and final tests, hours  Pressure Static rock pressure, psig (surface measurement) after hours shut in  GLS							011 & 0	AS DIVISION		4969 49
Producing formation		Н					DEPT.	OF MIN	Ē5	
Combined Final open flow, 852 Mcf/d Final open flow, 851 Mcf/d Final open flow, 851 Mcf/d Final open flow, 852 Mcf/d Final open flow, 851 Mcf/d Final open flow, 852 Mcf/d Final open flow, 851 Mcf/d Final open flow, 851 Mcf/d Final open flow, 852 Mcf/d Final open flow, 852 Mcf/d Final open flow, 852 Mcf/d Final open flow, 851 Mcf/d Final open f										
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Static rock pressure, 1650 psig (surface measurement) after 96 hours shut in [If applicable due to multiple completion] 4969-71  Second producing formation Benson & Riley Pay zone de 04/05/2020  Cas: Initial open flow,Mcf/d Oil: Initial open flow,Bbl  Final open flow,Mcf/d Final open flow,Bbl  Time of open flow between initial and final tests, hours  Pressure Static rock pressure,psig (surface measurement) after hours shut in GLS	Combin	ed Fir								
Second producing formation Benson & Riley Pay zone de: 04/05/2020  Cas: Initial open flow,Mcf/d Oil: Initial open flow,Bbl  Final open flow,Mcf/d Final open flow,Bbl  Time of open flow between initial and final tests, hours  Pressure Static rock pressure, psig (surface measurement) after hours shat in GLS										
Second producing formation Benson & Riley Pay zone de 04/05/202  Gas: Initial open flow,Mcf/d Oil: Initial open flow,Bbl  Final open flow,Mcf/d Final open flow,Bbl  Time of open flow between initial and final tests, hours  Pressure Static rock pressure,psig (surface measurement) after hours shit in GLS								measurement)	arter 96 ho	
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Final open flow,Mof/d Final open flow,Bbl  Time of open flow between initial and final tests, hours  Pressure Static rock pressure, psig (surface measurement) after hours shit in GLS										
Time of open flow between initial and final tests, hours  Pressure Static rock pressure, psig (surface measurement) after hours shit in  GLS										
Pressure Static rock pressure, psig (surface measurement) after hours shut in GLS		F1:								
GLS	Pressure	C 1 -								
$0075 \times 5341) + 459.7 = 560 \times 53.35 \times 560 = 29863 = 0.0000335 \text{ Pf} = 1650 \times 2.72 $ (0.000033)	GLS									
			-560	V-53	32	× 560	1 -20063 -0	0000335	f=1650 x 2 73	(0.0000335

STANDARD STANDARD



Well No J - 68 2  District Cay County Ritches  Drilling commenced 6 - 6 - 8 3  Drilling completed Total depth 5 3/16.  Date shot Depth of shot 2  Initial open flow /10ths Water in Inch Open flow after tubing /10ths Merc. in Inch Volume Cu. Ft.  Rock pressure Ibs. hrs.  Dill bbls., 1st 24 hrs.  Coal Was encountered at FEET INCHE  FEET INCHE				T UN 13 OIL & GAS EPT. GAS	DIVISION  Gas Welli E 5
Size    Size   16	Company J+J Enterprises one.				PACKERS
Well No. J - 682  District Clay County Ritche  District Clay County Ritche  Size of  Depth set  Size of  Size o	,	Size			
Well No. J - 682  District Cay County Retailed  By A	arm Dolph Hickman	16			Kind of Packer
District Clay   County Ritchie   81/4   61/4   Depth set   Depth set   Depth set   Salid   Salid   Depth set   Depth set   Salid   Salid   Depth set   Depth set   Salid   Salid   Depth set   Depth set   Depth set   Salid   Salid   Depth set   Depth set   Depth set   Salid   Salid   Depth set   Depth set   Salid   Salid   Depth set   Depth s	Vell No. J-682				Size of
Drilling commenced 6 - 6 - 8 3  Drilling completed Total depth 5 3/16  Depth of shot 2 Perf. top Perf. bottom	istrict Clay County Ritchie	81/4			
Depth of shot		6%			Depth set
Depth of shot  Initial open flow/10ths Water inInch  Depth flow after tubing/10ths Merc. inInch  Cu. Ft. CASING CEMENTEDSIZENo. FTDat  NAME OF SERVICE COMPANY  NAME OF SERVICE COMPANY  COAL WAS ENCOUNTERED ATFEETINCHE  Syesh waterfeetfeetfeetfeetfeet	rilling completedTotal depth	5 3/16			Don't have
Initial open flow/10ths Water inInch  Open flow after tubing/10ths Merc. in	ate shotDepth of shot	_ 2			
Open flow after tubing /10ths Merc. in Inch  Volume		Liners Used			Perf. top
Cock pressure lbs. hrs.  NAME OF SERVICE COMPANY  COAL WAS ENCOUNTERED AT FEET INCHE  Fresh water feet feet FEET INCHES FEET INCHE  Orillers' Names R. D. Winans R.A. Riggleman J. D. Myickers  C.W. Aack Rig # 1					Perf. bottom
NAME OF SERVICE COMPANY    NAME OF SERVICE COMPANY	·				
bbls., 1st 24 hrs.  COAL WAS ENCOUNTERED AT FEET INCHE  Tresh water 70' 4" to 1" stream  feet feet FEET INCHES FEET INCHE  Calt water feet FEET INCHES FEET INCHE  Orillers' Names R. D. Winans R.A. Rigglaman J. D. Myickars  C. W. Oach Rig #1		NAME OF SEE			No. FTDate
resh water 70' 4" to 1" stream  feet feet FEET INCHES FEET INCHE  alt water feet FEET INCHES FEET INCHE  Orillers' Names R. D. Winans R.A. Riggleman J. D. M. Vickers  T. W. Asch Rige #1 #20 P. D. O. D.		rs.			
resh water feet feet FEET INCHES FEET INCHE  alt water feet feet FEET INCHES FEET INCHE  Orillers' Names R. D. Winans R.A. Rigglaman J. D. M. Vickors  C. W. Asch Right # 1	3/11 + 111 +	rs. COAL WAS EN	COUNTERED	AT	FEETINCHES
Drillers' Names R. D. Winans R.A. Riggleman J. D. M. Vickors  W. Arch Rige #1 # D. D. O. O. O.	esh water feet feet	eet FEET	INCF	IES	FEETINCHES
W. Jack Rig #1 POP D Jan 1. D	lt waterfeetfe	eet FEET	INCH	IES	FEETINCHES
T.W. Jack Rig #1 POP D Jan 1.D	rillers' Names R. D. Winans R.A.	Rigaleman	J.D.	Mayin la	Jose
Ran 1422 foot of 85 "casing Halliburton ran	W. Jack Rice #1	FOR D	000	0.0	ary,
335 80 Party of casing Halliburton ran	marks: Ran 1422 Dont, Do	5" 1	0	John Com	A
of mucho come, mind - 10	335 Sacks comen tom	y casen	g Ha	Wilburt	a ran

6-8-83 BATE

Samuel N. H.

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

#### INSPECTOR'S PLUGGING REPORT

Permit No.				Wel	l No	
COMPANY			ADDRESS			
FARM		DISTRICT	·cc	UNTY		
Filling Material Used						
Liner Loc	cation	Amount	Packer	Location	14/-5	- A - 10
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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			finite were reserved			
			and the second of the second o			
		207 : 37 -				
	* Veration	DEV. 836 (8)				
			tana katamatan			
			at his one of the			
-						
rillers' Names						
lemarks:			Section 2015		1.	-
		Andrew of				
BATE	I hereby certify I	visited the abo	ve well on this date.			

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



### INSPECTOR'S WELL REPORT

Permit No. 85-5-984

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well

				(KII	ND)
Company J.+J &	rtraprises elne.	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address		Size			
Farm Dolph H	ieBman	16			Kind of Packer
Well No. J-682		13			
	County Ritchie	81/4			Size of
Drilling commenced 6		65/8			Depth set
Drilling commenced		5 3/16			
Drilling completed	Total depth	3			Perf. top
Date shot	Depth of shot	2			Perf. bottonı
Initial open flow	/10ths Water inIncl	Liners Used			Perf. top
Open flow after tubing_	/10ths Merc. inIncl				Perf. bottom
Volume	Cu. Ft	. CASING CEME	NTED	SIZE	No. FTDate
Rock pressure	lbshrs	NAME OF SER	RVICE COMPA	NY	
Dil	bbls., 1st 24 hrs	. COAL WAS EN	COUNTERED	AT	_FEETINCHES
Fresh water	1"stream bbls., 1st 24 hrs	late - this is fre	sh quater INCH	IES	_FEETINCHES
Salt water	feetfee	t FEET_	INCH	IES	_FEETINCHES
Drillers' Names R. D.	Winans R.A. R	iggleman	J. D. M	yegicke	ns
S.W. Jack	Rig # 1	Tool Peus Re	000	2011 Qa	R- 2 m
Remarks: Visit	Rig # 1 to take sample of m	ater from f	low pipe i	to have	tested.
	deep of time of Visis				
				gas	1981 16= = 1 2 236 36 = 1 = 14
				1950-20	64 Big Lime
			0	2064	Engun Land
6-11-83			de	021	SH

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

#### INSPECTOR'S PLUGGING REPORT

Permit No.				Wei	II No	
COMPANY			ADDRESS			8
FARM		DISTRICT	0	OUNTY		
Filling Material Used						
Liner Lo	cation	Amount	Packer	Location		
PLUGS USED A	AND DEPTH PLACED		BRIDGES	- N. K 2	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
			:			
			500			
						and the state of t
Prillers' Names		and the second s		The second secon		
Remarks:						
DATE	I hereby certify I vi	sited the above	e well on this date.			

# DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



JUN 1 7 1983

#### OIL AND GAS DIVISION WYDEPARTMENT OF MINES

## INSPECTOR'S WELL REPORT

Permit No. 85-5984

7 CTMIT 140. 9 0						or Gas Well	7
Company J+J-8	Enterprise Inc		CASING AND TUBING	USED IN DRILLING	LEFT IN	PACK	ERS
Address			Size				
Farm Dolp R &	Fickman		16			Kind of Pacl	cer
Well No. J-68			13				
District Clay	County Pit	Rio	81/4			Size of	
Drilling commenced_			65/8			Depth set	
	-/4-83 Total depth 5	-/27	5 3/16		v	Depth set	
			3			Perf. top	
	Depth of shot		2			Perf. bottom_	
	/10ths Water in		Liners Used			Perf. top	
pen flow after tubing	/10ths Merc. in_	Inch				Perf. bottom_	
olume		Cu. Ft.	CASING CEMEN	TED	_SIZE	No. FT	Date
ock pressure	lbs	hrs.	NAME OF SERV				
	bbls., 1s	st 24 hrs. C	OAL WAS ENC	COUNTERED A	Т	FEET	INCHES
esh water	feet	feet _	FEET_	INCHE	S	FEET_	INCHES
lt water	feet	- 1	FEET_				
rillers' Names							
marks: Ran	m -6-14-83	1225	Dainh 11	11			
total	of 53 40 fest	7-0	doint of 4	2 casen	9		

6-15-83

Samue 1 9 940512024
DISTRICT WELL INSPECTOR

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

#### INSPECTOR'S PLUGGING REPORT

ermit No.	•			Wel	I No	
			ADDRESS			
RM		DISTRICT	0	OUNTY		
lling Material Used						
ner Loc	cation	Amount	Packer	Location		
	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
				-		
			· ·			
rillers' Names						
				_		
emarks:						
DATE	I hereby certify I	visited the abo	ve well on this date.			
walk						

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

## FINAL INSPECTION REQUEST

#### INSPECTOR'S COMPLIANCE REPORT



OIL & GAS DIVISION DEPT. OF MINES

Permit No.	47-085-5984	County .	Ritchie	/ Dist-Clay
Company	J & J Enterprises, Inc.	Farm	Dolph H	ickman
Inspector	SAMUEL N. HERSMAN	Well No	J-682	
Date	July 21, 1983			
				IN COMPLIANCE
RULE	DESCRIPTION			Yes No
23.06	Notification Prior to starting Wo	rk		
25.04	Prepared before Drilling to preve	ent waste		<u> </u>
25.03	High-Pressure Drilling			<u> </u>
16.01	Required Permits at wellsite			<u> </u>
15.03	Adequate Fresh Water Casing			<u> </u>
15.02	Adequate Coal Casing			
15.01	Adequate Production Casing			<u> </u>
15.04	Adequate Cement Strength			<u> </u>
23.02	Maintained Access Roads			
25.01	Necessary Equipment to prevent Wa	ste		
23.03	Reclaimed Drilling Site			
23.04	Reclaimed Drilling Pits			V _
23.05	No surface or underground Polluti	on		<u> </u>
7.03	Identification Markings			
COMMENTS:				
		<u>//</u>		
,	4	1)		
	· Dan			
	V. July			

I have inspected the above well and (HAVE/HAVE NOT) found it to be in, compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Samuel M. Hersman

04/05/2024



# State of West Virginia Bepartment of Mines (Vil and Gas Vivision (Charleston 25305

THEODORE M. STREIT
ADMINISTRATOR

WALTER N. MILLER DIRECTOR

September 2, 1983

J & J Enterprises, Inc. P. O. Box 48 Buckhannon, W. Va. 26201

#### Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

PERMIT NUMBER	FARM AND WELL NUMBER	DISTRICT
RIT-5984	Dolph Hickman, #J-682	Clay
RIT-6254	Edwin D. Mulvey, #J-415	Clay
RIT-6255	Edwin D. Mulvay, #J-416	Clay

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

Theodore M. Streit, Administrator Office of Oil & Gas-Dept. Mines

04/05/2024

3-683/33-1196

THIS ASSIGNMENT AND AGREEMENT, made and entered into this 20th day of August, 1981, by and between SHELDON & SHELDON, INC., a corporation, aba S & S, INC., Assignor and party of the first part, and J & J ENTERPRISES, INC., a Pennsylvania corporation, Assignee and party of the second part,

WHEREAS, by the agreements set forth in Exhibit "A" appended hereto and incorporated by reference as a part hereof, the individuals named therein leased the properties therein described for oil and gas purposes to the party of the first part, Sheldon & Sheldon, Inc., under the name of S & S, Inc.; and

WHEREAS, the party of the first part has agreed subject to the terms and conditions hereinafter set forth to assign all of its right, title and interest in and in any estate created by said agreements and assignments to the party of the second part;

NOW, THEREFORE, THIS ASSIGNMENT AND AGREEMENT WITNESSETH, that for and in consideration of the mutual covenants herein contained and the sum of One Dollar (\$1.00), cash in hand paid by the party of the second part to the party of the first part, the receipt whereof is hereby acknowledged, said party of the first part does hereby assign, transfer, and convey to said party of the second part, subject to the terms and conditions hereinafter set forth, all his right, title, interest and any estate created by the agreements described in Exhibit "A",

This Assignment and Agreement is made on and subject to the following terms and conditions:

- 1. The party of the second part agrees to faithfully and promptly perform all of the terms and conditions of said agreements to be performed by the party of the first part and further agrees to indemnify and hold the party of the first part harmless from and against any and all claims, suits, and demands arising out of or caused by the party of the second part's failure to perform or properly perform the same.
- 2. Development of, and operations on the leases and leasehold estates assigned hereby, if any, and the extent and character thereof, as well as the preservation, surrender or forfeiture thereof, shall be solely at the will of the party of the second part, its successors and assigns, and upon the termination of the said agreements described in Exhibit "A" hereto for any cause whatsoever on the party of the second part, its successors or assigns there shall be no further liability hereunder. The party of the second part makes no covenant, express or implied, to develop any of the oil and gas leases and leasehold estated described in Exhibit "A" hereto.

Prior to commencement of drilling operations on any lease, Assignee shall cause a title search to be conducted with reasonable diligence to ascertain the merchantability of title to the oil and gas minerals in and underlying the properties subject to the oil and gas lease agreements aforesaid and also the merchantability of title to Assignor's oil and gas lease agreements. If, upon examination of a title and if it shall be determined that the title is unmerchantable for any reason, or if during the primary term of said lease, Assignee is unable to drill due to spacing requirements, Assignee shall deliver a written statement to Assignor indicating the reasons why such title is unmerchantable. Assignor shall thereafter have four (4) months in which to perform, at Assignor's expense, the curative work necessary, in Assignee's opinion, to render title merchantable. If said title cannot be rendered merchantable within such time, Assignor will promptly convey to Assignee as oil and gas lease agreement affecting a tract or parcel with the same number of potential drill sites in the same county and district as the tract or parcel with respect to which title is unmerchantable. If title cannot be cured and no suitable oil and gas lease agreement, through the exercise of due diligence, can be procured and conveyed to Assignee, as aforesaid, then Assignee may recoup and claim full credit for all amounts prepaid to Assignor pursuant hereto by claiming credit or offset therefor against other amounts due Assignor hereunder or by repayment of Assignor to Assignee of the per acre consideration for said lease.

4. Assignee agrees to pay to Assignor, as con	nsideration for	
assignment of said oil and gas leases, the sum of	more than	
\$10.00 dollars	(\$	_).

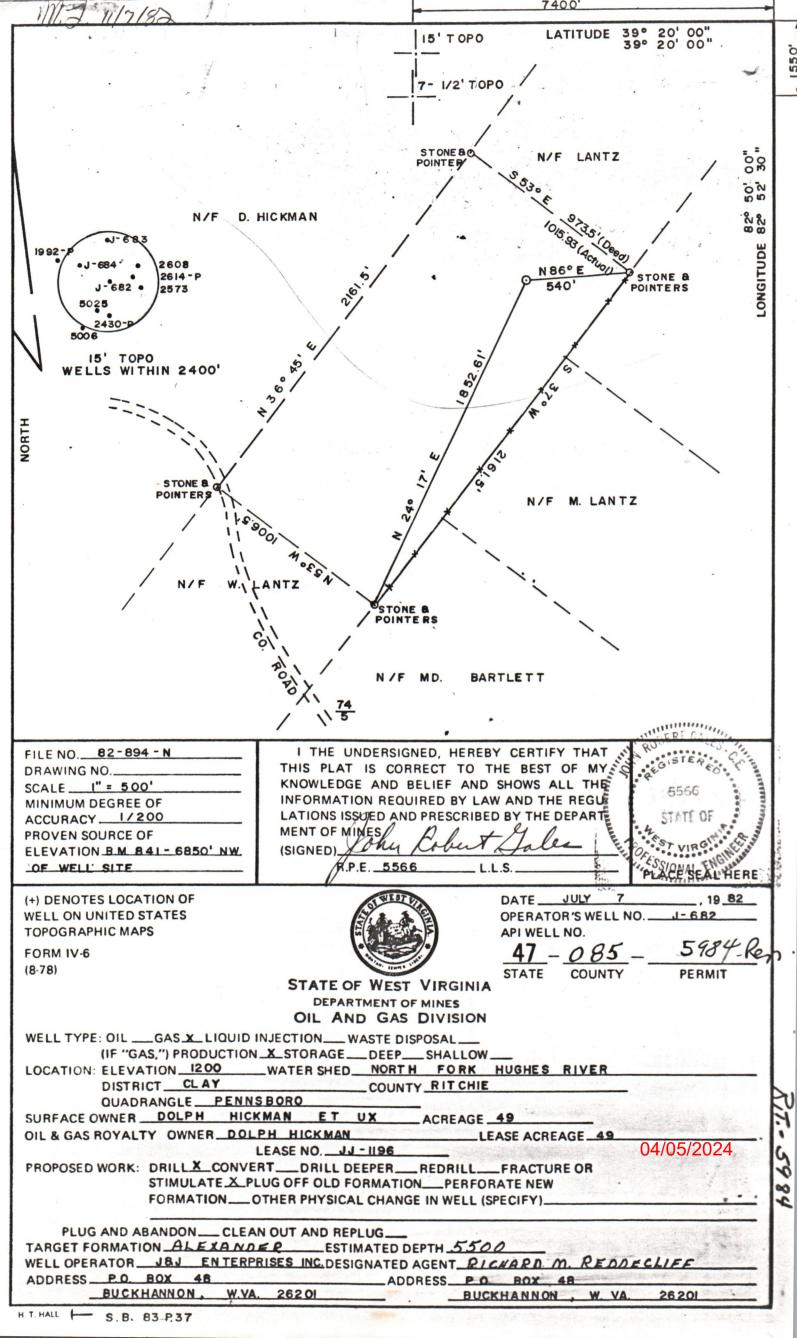
5. This Assignment is made without warranty of title with the exception that Assignor covenants that it has the right to assign the oil and gas leases herein assigned and that it has not caused said leases or any of its interests in said leases to be subject to any liens or encumbrances and that it has not assigned said leases or any interest in said leases to any other person, corporation or firm

Assignor further expressly covenants and warrants that it does business as S & S, Inc.; that it is the lessee designated in the leases on Exhibit "A" as S & S, Inc.; and that it has not assigned or transferred any interests in said leases under the name of S & S, Inc., or Sheldon and Sheldon, Inc.

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Filed and admitted to record in the office of the Clerk of the County Commission of Ritchie County, W. Va. SEP 3 1981  Recorded in hease  Fook No. 138 Page 333  BUCKHANNON, WEST VIRGINIA 26201	Recorded to Dood Book No. 321. Page 395. Gilmor County, West Verthibi	ASSIGNMENT	TO  J & J ENTERPRISES, INC.  Po. Box 49  Buckhamnon, WV  26201	

NO. 398 PAGE 129
LEWIS COUNTY, W. VA.



This Assignment is executed in duplicate, each copy of which shall for all purposes be treated as an original and shall be binding on the parties hereto, their successors, heirs, personal representatives, devisees and assigns.

WITNESS the following signatures:

SHELDON & SHELDON, INC., a
Corporation, dba S & S, Inc.

By: Award. Shelden

Its President

J & J ENTERPRISES, INC.

By: James Willett

Vice-President

STATE OF WEST VIRGINIA COUNTY OF UPSHUR, TO WIT:

foregoing day of	19 <u>8</u> , b				e Cool	
& Sheldon,		on, dba 8	5 & S, I	nc.		
		Ro	Nota	ry Publi	cole	

STATE OF WEST VIRGINIA COUNTY OF UPSHUR, TO WIT:

The foregoing instrument was acknowledged before me this

31st day of Queunt, 1981, by JAMES WILLETT, Vice-President,
J & J ENTERPRISES, INC.

My commission expires: 3/24/91

Notary Public 04/05/2024

This instrument prepared by:

J & J Enterprises, Inc., P.O. Box 48, Buckhannon, WV 26201