



1) Date: March 6, 1984  
 2) Operator's Well No. JK-854  
 3) API Well No. 47 - 033 - 3000  
 State            County            Permit           

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

- 4) WELL TYPE: A Oil            / Gas   x   /  
 B (If "Gas", Production   x   / Underground storage            / Deep            / Shallow   x  )
- 5) LOCATION: Elevation: 1364 Watershed: Grass Run  
 District: Ten Mile County: Harrison Quadrangle: Salem 7.5
- 6) WELL OPERATOR J&J Enterprises, Inc. 7) DESIGNATED AGENT Richard Reddecliff  
 Address P.O. Box 48 Address P.O. Box 48  
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Stephen Casey Name S.W. Jack Drilling Company  
 Address Rt. # 2, Box 232-D Address P.O. Box 48  
Jane Lew, WV 26378 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill   x   / Drill deeper            / Redrill            / Stimulate   x    
 Plug off old formation            / Perforate new formation             
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Alexander
- 12) Estimated depth of completed well, 5550 feet  
 13) Approximate strata depths: Fresh, 185 feet; salt, 0 feet.  
 14) Approximate coal seam depths: 200 Is coal being mined in the area? Yes

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15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	113/4	H-40	42	x		30	0	0 sks.	Kinds
Fresh water	85/8	ERW	23	x		1300	1300	To surface	<u>NEAT</u>
Coal	85/8	ERW	23	x		1300	1300	To surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5500	5500	400 sks.	Depths set
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-033-3000

March 26, 1984  
 Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.  
 Permit expires March 26, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BLANKET</b>	Agent: <u>LS</u>	Plat: <u>MH</u>	Casing <u>MH</u>	Fee <u>1461</u>
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Margaret J. Hesse  
 Administrator, Office of Oil and Gas

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

File

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



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) WELL LOCATION: District: \_\_\_\_\_ County: \_\_\_\_\_ Township: \_\_\_\_\_

2) WELL OPERATOR: Name: \_\_\_\_\_ Address: \_\_\_\_\_

3) DRILLING CONTRACTOR: Name: \_\_\_\_\_ Address: \_\_\_\_\_

4) PROPOSED WELL WORK: Drill depth: \_\_\_\_\_ feet

5) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_

6) CASING AND TUBING PROGRAM: \_\_\_\_\_

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Casing or Tubing Type	Size	Grade	Weight per ft.	Footage		Cement	Packers
				Drilling	Left in well		
Conductor	5 1/2"	E-20	22	30	0	0	0
1 1/2" water	2 3/8"	E-20	22	1300	1300	0	0
Coal	2 3/8"	E-20	22	1300	1300	0	0
Intermediate	3 1/2"	E-20	22	1300	1300	0	0
Production	3 1/2"	E-20	22	1300	1300	0	0

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: \_\_\_\_\_

Reason: \_\_\_\_\_

Agent	Plan	Casing	Fee

BLANKET

I N S T R U C T I O N S T O A P P L I C A N 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 § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or 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 § 22-4-1k 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 § 22-4-1k(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 § 22-4-1a(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, 22-4-2, 22-4-2a, and 22-4-2b.

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

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

Under the 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--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and 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:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Clarence J. Mutschelknaus	J&J Enterprises, Inc. Assignment		1122	732
Parkersburg National Bank Executor Of Est. of Charles S. Despart, Jr.	Mutschelknaus	1/2 of 1/8-100%	1131	409
Mary Bukey Welch	Mutschelknaus	1/2 of 1/8-100%	1130	738

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

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

1) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Willard J. Dennison  
Address Box 92  
Wolf Summit, WV 26462  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR  
Address \_\_\_\_\_

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD  
Name Willis G. Tetrick, Jr.  
Address Box 267  
Clarksburg, WV 26301  
Name \_\_\_\_\_  
Address \_\_\_\_\_

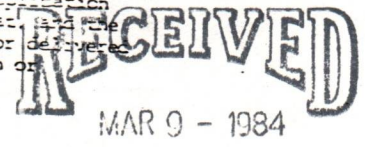
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name Consolidation Coal CO.  
Address C/O Property Division  
Consol. Plaza, Washington Rd.  
Pittsburgh, Pa. 15228

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following contents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE PERSON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.



6) DEPORTATION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

OIL & GAS DIVISION  
DEPT. OF MINES

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No X

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

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

Richard Reddecliff



This is the 6 day of March, 1984.  
My commission expires 10/16, 1989.

*Sandra S. Vanfield*  
Notary Public, Upshur County,  
State of West Virginia

WELL

OPERATOR J&J Enterprises, Inc.




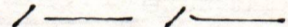
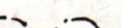

By *Richard M. Reddecliff*  
Its Designated Agent  
Address P.O. Box 48  
Buckhannon, WV 26201  
Telephone 472-9403





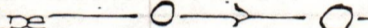

WELL SITE   
 ACCESS ROAD 

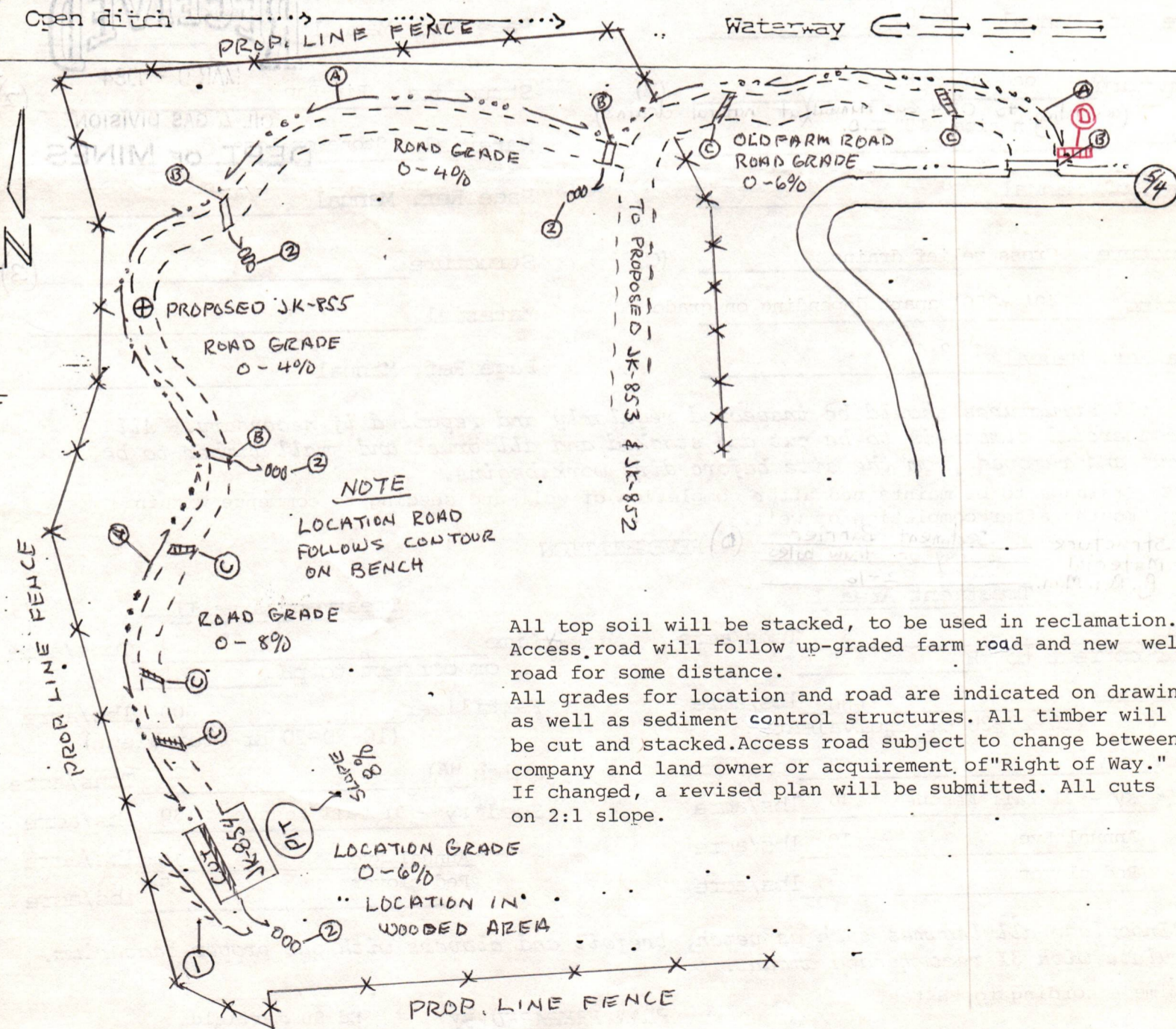


Sketch to include well location, existing access road, roads to be constructed, well drilling pits and necessary structures numbered or lettered to correspond with the part of this plan. Include all natural drainage.

LEGEND

- Property boundary 
- Road 
- Existing fence 
- Planned fence 
- Stream 
- Open ditch 

- Diversion 
- Spring 
- Wet spot 
- Building 
- Drain pipe 
- Waterway 



All top soil will be stacked, to be used in reclamation. Access road will follow up-graded farm road and new well road for some distance. 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.

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J & J Enterprises, Inc. DESIGNATED AGENT Richard Reddecliff  
Address P.O. Box 48 Buckhannon, WV 26201 Address P.O. Box 48 Buckhannon, WV  
Telephone 472-9403 Telephone 472-9403  
OWNER Willard J. Dennison Box 92 SOIL CONS. DISTRICT West Fork  
Wolf Summit, WV 26462  
Revegetation to be carried out by J&J Enterprises, Inc. (Agent)

This plan has been reviewed by West Fork SO. All corrections and additions become a part of this plan: 2/29/84 (Date)  
Kenneth E Knight ON SITE REVIEW 2/27/84  
(SO Agent)

THIS REVIEW IS MADE FOR SITE AS SHOWN. A CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT. OR SLOPE OF PLUS OR MINUS 3 PERCENT MAKES THIS PLAN NOT ACCEPTABLE TO WFSCD.

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A) (Inside road cuts) Facing <u>To be constructed along road</u> Page Ref. Manual <u>2-12</u>	Structure <u>Diversion Ditch</u> (1) Material <u>Soil</u> Page Ref. Manual <u>2-12</u>
Structure <u>Road Culvert</u> (B) (according to Oil & Gas Manual) (at natural drains) Facing <u>Min size 15" I.D.</u> Page Ref. Manual <u>2:8</u>	Structure <u>Rip-Rap</u> (2) Material <u>Stone or logs</u> Page Ref. Manual <u>N/A</u>
Structure <u>Cross relief drains</u> (C) Facing <u>40' -250' apart depending on grade</u> Page Ref. Manual <u>2:4</u>	Structure <u></u> (3) Material <u></u> Page Ref. Manual <u></u>

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DEPT. OF MINES

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.

NOTE: Drainage to be maintained after completion of well and seeding to commence within 3 months after completion of well.

Structure	Material	Pg. Ref. Man.	(D) REVEGETATION
<u>Sediment Barrier</u>	<u>Hay or straw bales</u>	<u>2-16</u>	
			<u>Treatment Area I</u>
<u>Lime</u>	<u>3 Tons/acre</u>		<u>Treatment Area II</u>
or correct to pH	<u>6.5</u>		
<u>Fertilizer</u>	<u>600 lbs/acre</u>		
	<u>(10-20-20 or equivalent)</u>		
<u>Mulch HAY</u>	<u>2 Tons/acre</u>		
<u>Seed* Ky - 31 Tall Fescue</u>	<u>30 lbs/acre</u>		
<u>Annual Rye</u>	<u>10 lbs/acre</u>		
<u>Red clover</u>	<u>5 lbs/acre</u>		

\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.  
Lime according to PH test

PLAN PREPARED BY Ed Summerfield  
ADDRESS P.O. Box 48  
Buckhannon, WV 26201

NOTES: Please request landowners' cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

P 471 414 357  
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse) 9K-852, 953  
854

Sent to	Consolidated Coal Co.
Street and No.	74 Property Division
P.O. State and ZIP Code	15228
Postage	\$ 54
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 54.75
Postmark Date	MAR 7 1984
Postmark	BUCKLEANNON PA 26201

J & J ENTERPRISES, INC.  
P. O. BOX 48  
BUCKLEANNON PA 26201

P 471 414 359  
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse) 9K-852, 853,  
854

Sent to	Wilbur G. Tolbert, Jr.
Street and No.	Box 262
P.O. State and ZIP Code	Clarksburg WV 26301
Postage	\$ 88
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 88.75
Postmark Date	MAR 7 1984
Postmark	BUCKLEANNON WV 26201

J & J ENTERPRISES, INC.  
P. O. BOX 48  
BUCKLEANNON WV 26201

P 471 414 358  
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse) 9K-852, 853,  
854

Sent to	Willard J. Davidson
Street and No.	Box 92
P.O. State and ZIP Code	Leeds Summit WV 26362
Postage	\$ 88
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 88.75
Postmark Date	MAR 7 1984
Postmark	BUCKLEANNON WV 26201

J & J ENTERPRISES, INC.  
P. O. BOX 48  
BUCKLEANNON WV 26201

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OIL & GAS DIVISION  
DEPT. OF MINES

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

Perforate 6-19-84

5443-5451	Avg. press 2900 psi	Avg rate 23 BPM
5314-5321	Avg. press 3300 psi	Avg rate 20 BPM
4848-4946	Avg. press 3000 psi	Avg. rate 30 BPM
4363-4381	Avg. press 2900 psi	Avg rate 25 BPM

Frac Halliburton Services 6-19-84

Stage 1	35,000 lbs.	20/40 sand
Stage 2	10,000 lbs.	20/40 sand
Stage 3	30,000 lbs.	20/40 sand
Stage 4	12,500 lbs.	20/40 sand

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sandy Shale			0	20	
Red Rock			20	30	
Sand			30	45	
Sand and Shale			45	60	
Sand			60	175	Fresh water @ 108'
Red Rock and Shale			175	250	
Shale			250	886	
Coal			886	888	
Sand			888	915	
Sand and Shale			915	965	
Sand			965	1025	
Sand and Shale			1025	1160	
Coal			1160	1165	
Sand and Shale			1165	1705	
Red Rock and Shale			1705	1730	
Shale			1730	1898	
Sand			1898	1920	
Shale			1920	1950	
Sand			1950	1975	
Shale and Sand			1975	2035	
Sand			2035	2210	Salt water @ 2090'
Sand and Shale			2210	2414	
Big Lime			2414	2462	
Big Injun			2462	2555	
Berea			2891	2949	
Gantz			3014	3044	
5th Sand			3235	3262	
Speechley			3825	4032	
Balltown			4349	4381	
Bradford			4850	4947	
Riley			5314	5322	
Benson			5442	5450	
Alexander			5678	5813	
1st Elk			5914	5924	
Shale			5924	5995	
TD				5995	

(Attach separate sheets as necessary)

KEPCO, INC.

Well Operator

By: *[Signature]*

Date: June 29, 1984

Note: Regulation 2.02(i) provides as follows:  
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ... encountered in the drilling of a well."



IV-35  
(Rev 8-81)

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State of West Virginia  
Department of Mines  
Oil and Gas Division  
OIL & GAS DIVISION  
DEPT. OF MINES

Date June 29, 1984  
Operator's  
Well No. WK-424  
Farm W. & H. Dennison  
API No. 47 - 033 - 3000

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

WELL TYPE: Oil \_\_\_ / Gas x / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
(If "Gas," Production x / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow x /)

LOCATION: Elevation: 1364' Watershed Grass Run  
District: Tenmile County Harrison Quadrangle Salem

COMPANY Kepeco, Inc.  
ADDRESS 436 Blvd. of the Allies  
Pittsburgh, PA 15219  
DESIGNATED AGENT Richard Reddecliff  
ADDRESS P.O. Box 48  
Buckhannon, WV 26201  
SURFACE OWNER W. J. & H. B. Dennison  
ADDRESS Box 92  
Wolf Summit, WV 26426  
MINERAL RIGHTS OWNER Mary Bukey Welch, et al  
ADDRESS 3 Edgewood Park Drive  
Parkersburg, WV 26101  
OIL AND GAS INSPECTOR FOR THIS WORK Stephen  
Casey ADDRESS Rt. #2 Box 232-D  
Jane Lew, WV 26378  
PERMIT ISSUED March 26, 1984  
DRILLING COMMENCED June 1, 1984  
DRILLING COMPLETED June 10, 1984

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	30'	30'	10 sx Class "A"
9 5/8			
8 5/8	1774'	1774'	430 sks Neat
7			
5 1/2			
4 1/2	5498'	5498'	370 sks Pozmix
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk Depth 5914 feet  
Depth of completed well 5995 feet Rotary x / Cable Tools \_\_\_  
Water strata depth: Fresh 108 feet; Salt 2090 feet  
Coal seam depths: 886-888; 1160-1165 Is coal being mined in the area? No

OPEN FLOW DATA  
Producing formation Benson, Riley  
Bradford, Balltown Pay zone depth 5443, 5314  
4848, 4363 feet  
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d  
Final open flow 400 Mcf/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 8 hours  
Static rock pressure \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in

(Continue on reverse side)

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

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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 33-3000

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>Kesco</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			
Address _____	16			Kind of Packer _____
Farm <u>W Dennison</u>	13			
Well No. <u>JK 354</u>	10			Size of _____
District <u>Jennings</u> County <u>Harrison</u>	8 1/4			
Drilling commenced <u>6-2-84</u>	6 3/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED <u>5/8</u> SIZE <u>1774</u> No. FT. <u>450</u> SKS. Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>Halliburton</u>			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names SWJ 23

Remarks: dr. at 4790'

6-8-84  
DATE

Steve Casey  
DISTRICT WELL INSPECTOR

Form 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner		Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_  
DATE I hereby certify I visited the above well on this date.

\_\_\_\_\_  
DISTRICT WELL INSPECTOR

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

RECEIVED

JUL - 3 1984

INSPECTOR'S WELL REPORT OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 33-3000

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company <u>J + J Enterprises</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			Kind of Packer _____
Farm <u>Dennison</u>	16			
Well No. <u>JK 854</u>	13			Size of _____
District _____ County <u>Harrison</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 1/2			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks: check reclamation work in progress

6-27-84  
DATE

Steve Case  
DISTRICT WELL INSPECTOR

Form 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner	Location		Amount	Packer	Location		
	PLUGS USED AND DEPTH PLACED				BRIDGES	CASING AND TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	

Drillers' Names \_\_\_\_\_

Remarks:

\_\_\_\_\_ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR



**RECEIVED**  
 JUL 29 1985

**State of West Virginia**  
**Department of Mines**  
**Oil and Gas Division**  
**Charleston 25305**

**DIVISION OF OIL & GAS**  
**DEPARTMENT OF ENERGY**

**FINAL INSPECTION REPORT**  
**INSPECTORS COMPLIANCE REPORT**  
 November 30, 1984

COMPANY J & J Enterprises, Inc.  
P. O. Box 48  
Buckhannon, West Virginia 26201

PERMIT NO 033-3000 (3-26-84)  
 FARM & WELL NO W. Dennison JK-854  
 DIST. & COUNTY Tenmile/Harrison

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25.04	Prepared before Drilling to Prevent Waste	<input type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strenght	<input type="checkbox"/>	<input type="checkbox"/>
15.05	Cement Type	<input type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to Prevent Waste	<input type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input type="checkbox"/>	<input type="checkbox"/>
23.07	Requirements for Production & Gathering Pipelines	<input type="checkbox"/>	<input type="checkbox"/>
16.01	Well Records on Site	<input type="checkbox"/>	<input type="checkbox"/>
16.02	Well Records Filed	<input type="checkbox"/>	<input type="checkbox"/>
7.05	Identification Markings	<input type="checkbox"/>	<input type="checkbox"/>

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Steve Casey  
 DATE 7-25-85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

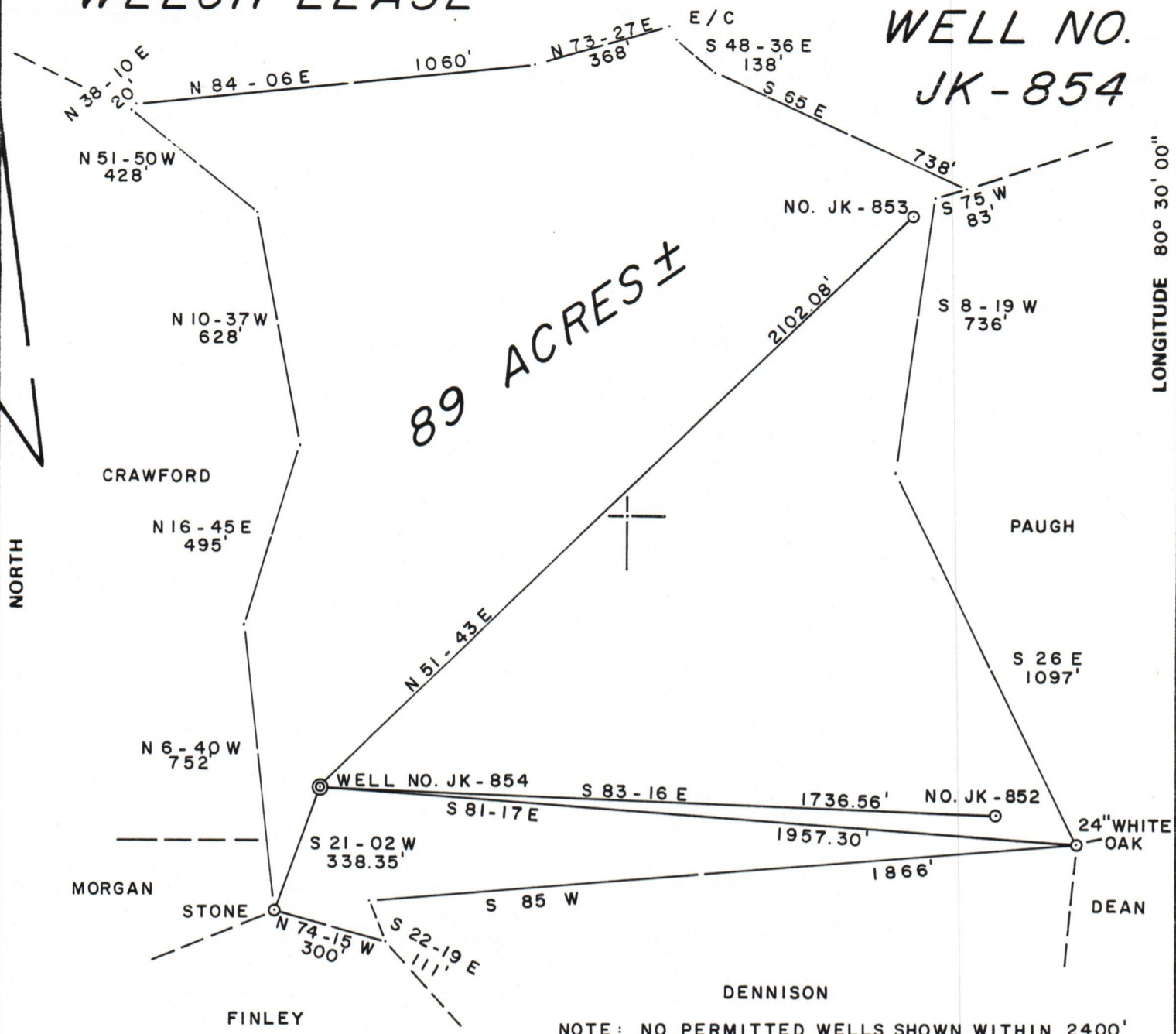
T. H. ...  
 Administrator-Oil & Gas Division

August 12, 1985  
 DATE

# WELCH LEASE

WILLIAMS

## WELL NO. JK-854



89 ACRES ±

NOTE: NO PERMITTED WELLS SHOWN WITHIN 2400'

FILE NO. 13-2  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1 / 200  
 PROVEN SOURCE OF ELEVATION BM ELEV. 1080'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.  
 (SIGNED) Gregory A. Smith  
 R.P.E. \_\_\_\_\_ L.L.S. 677

REGISTRY OF DEEDS  
 LIBRARY  
 No. 577  
 PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE JAN. 19, 19 84  
 OPERATOR'S WELL NO. JK-854  
 API WELL NO. \_\_\_\_\_  
47 - 033 - 3000  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1364' WATER SHED GRASS RUN  
 DISTRICT TEN MILE COUNTY HARRISON  
 QUADRANGLE SALEM 7.5'  
 SURFACE OWNER WILLARD J. & HELEN B. DENNISON ACREAGE 88.6  
 OIL & GAS ROYALTY OWNER MARY BUKEY WELCH, et al. LEASE ACREAGE 89  
 LEASE NO. JK-21  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5550'  
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD M. REDDECLIFF  
 ADDRESS P. O. BOX 48 ADDRESS P. O. BOX 48  
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201