



1) Date: June 25, 1985, 19__
 2) Operator's Well No. Four (4)
 3) API Well No. 47 - 043-2671
 State County Permit

RECEIVED
 Dotson Branch Information # 4
 JUL 8 1985

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

- 4) WELL TYPE: A Oil Gas
 B (if Gas) Production Underground storage Deep Shallow)
- 5) LOCATION: Elevation: 1054' Watershed: Guyandotte River
 District: Laurel Hill 5 County: Lincoln Quadrange: Ranger 567
- 6) WELL OPERATOR R. H. Adkins 7) DESIGNATED AGENT R. L. Hooser
 Address P. O. Box 555 Address P. O. Box 555
Hamlin, WV 25523 750 Hamlin, WV 25523
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Jerry Holcomb Name RJR Drilling, Inc.
 Address Rural Route # 2, Box # 28 Address P. O. Box 555
Hamlin, WV 25523 Hamlin, WV 25523
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, ~~XXXXXXXX~~ Devonian Brown Shale
- 12) Estimated depth of completed well, ~~3700'~~ 3700' feet
 13) Approximate strata depths: Fresh, 35' feet; salt, 1100' feet.
 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes / No

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		
Conductor	12				X	20	20	
Fresh water								Kinds
Coal	8 5/8		20	X		600	600	Cement to Surface NEAT
Intermediate	7					1640	1640	Cement bottom 300'
Production	5 1/2		15			1975	1975	Cement to 1340' depths set
Tubing	3"					3700'	3700'	
Liners								Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-043-2671

Date July 29 19 85

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 July 29, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>ALB</u>	Plat: <u>MM</u>	Casing: <u>MM</u>	Fee: <u>3627</u>
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[Signature]
 DIRECTOR, DIVISION of Oil and Gas

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

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

File

OFFICE USE ONLY

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

NO.	DESCRIPTION	DATE	BY	REMARKS
1	Cement to surface	10/10		
2	Cement to 1310'	10/10		
3	Cement to 1310'	10/10		
4	Cement to surface	10/10		
5	Cement to 1310'	10/10		
6	Cement to 1310'	10/10		

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: _____

1) Date: JUNE 24 1985
2) Operator's Well No. FOUR (4)
3) API Well No. 47-043-2671
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
(i) Name LAURA NOE
Address ROUTE # 1, Box # 135
RANGER
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR NOT OPERATED
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

LAURA NOE

Dotson By: P 636 610 059

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to	<u>Laura Noe</u>
Street and No.	<u>Rt 1 Box 135</u>
P.O., State, and ZIP Code	<u>Ranger, WV 25557</u>
Postage	\$ <u>39</u>
Certified Fee	<u>75</u>
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	<u>70</u>
Return receipt showing whom, Date, and Address of delivery	
TOTAL Postage and Fees	\$ <u>1.84</u>
Postmark or Date	<u>JUN 24 1985</u>

* U.S.G.P.O. 1983-403-517 PS Form 3800, Feb. 1982

I hold the right to the requirement of Code 22-4-1-(c) (1) through (6).

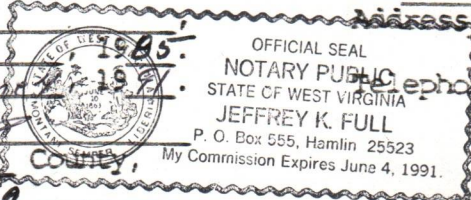
7) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of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

WELL OPERATOR R. H. ADKINS
BY [Signature]
Its AGENT
Address P.O. Box 555
Hamlin, WV 25527
Telephone 824-3935

this 24 day of JUNE
My commission expires June 4, 1991
Notary Public, Lincoln County,
State of WEST VIRGINIA



RECEIVED
JUL 8 1985
OIL & GAS DIVISION
DEPT. OF MINES

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 Page</u>
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IV-9
(Rev 8-81)

DATE June 25, 1985
WELL NO. Four (4)
API NO. 47-043-2671

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME R. H. Adkins DESIGNATED AGENT R. L. Hooser
Address P. O. Box 555, Hamlin, WV 25523 Address P. O. Box 555, Hamlin, WV 25523
Telephone 824-3134 Telephone 824-3935
LANDOWNER Harry Noe SOIL CONS. DISTRICT Guyan
Revegetation to be carried out by Buddy Holley (Agent)

This plan has been reviewed by Denver Slone, Guyan SCD. All corrections and additions become a part of this plan: June 25, 1985 (Date)

Denver Slone
(SCD Agent)

RECEIVED
JUL 8 1985
OIL & GAS DIVISION
DEPT. OF MINES

ACCESS ROAD

LOCATION

Structure Upgrade existing road up to 1000 feet of location. Build new road into location for the last 1000 feet. Grade into Manual location less than 7%. Road goes around a flat ridge point. (A)
Spacing _____
Page Ref. Manual _____
Structure _____ (B)
Spacing _____
Page Ref. Manual _____
Structure cross drains (C)
Spacing as needed
Page Ref. Manual 2-4

Structure Built on a nose of a ridge on a gentle slope. Will require leveling down and enlargement with dozer. (1)
Material _____
Page Ref. Manual _____
Structure _____ (2)
Material _____
Page Ref. Manual _____
Structure _____ (3)
Material _____
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.

REVEGETATION

Treatment Area I
Lime two Tons/acre
or correct to pH 6.5%
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch 1 1/2 Tons/acre
Seed* K-31 Fescue 35 lbs/acre
Lading Clover 2 lbs/acre
1 Bag Inoculant lbs/acre

Treatment Area II
Lime Two Tons/acre
or correct to pH 6.5%
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch 1 1/2 Tons/acre
Seed* K-31 Fescue 35 lbs/acre
Perinnet Ryegrass 15 lbs/acre
Lading Clover 2 lbs/acre
1 Bad Inoculant

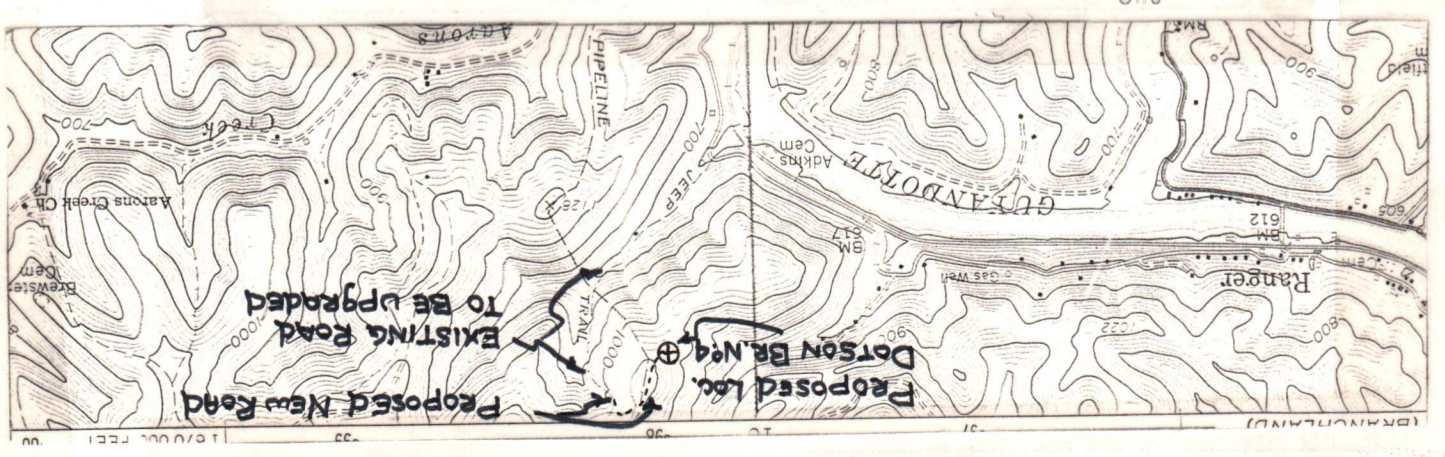
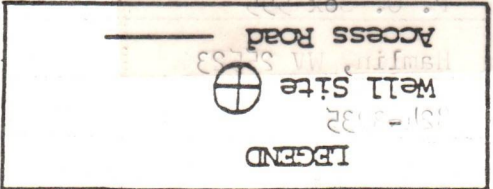
*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY R. L. Hooser

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

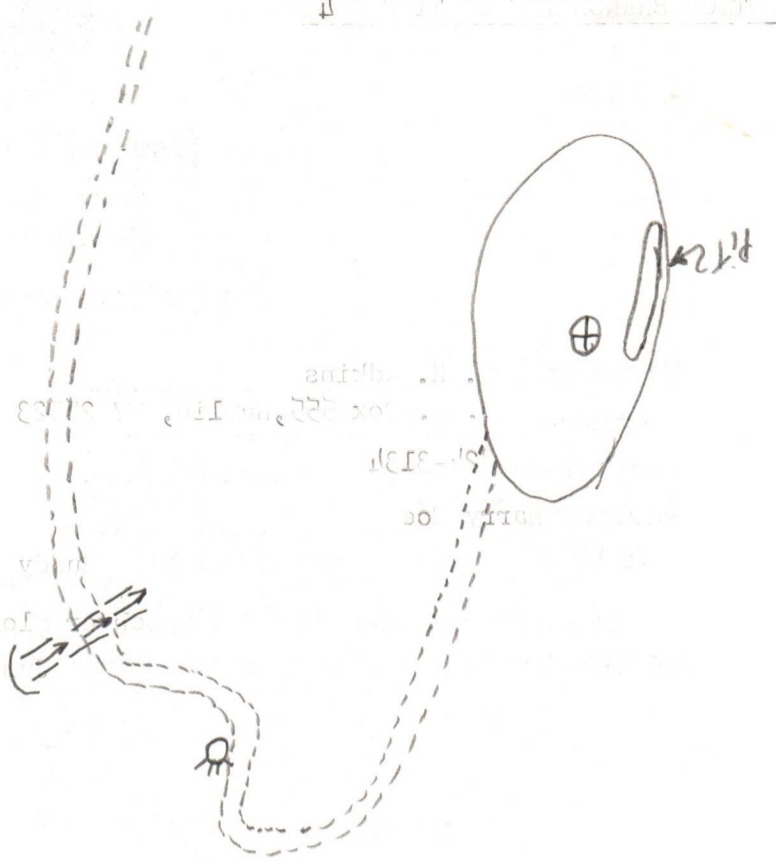
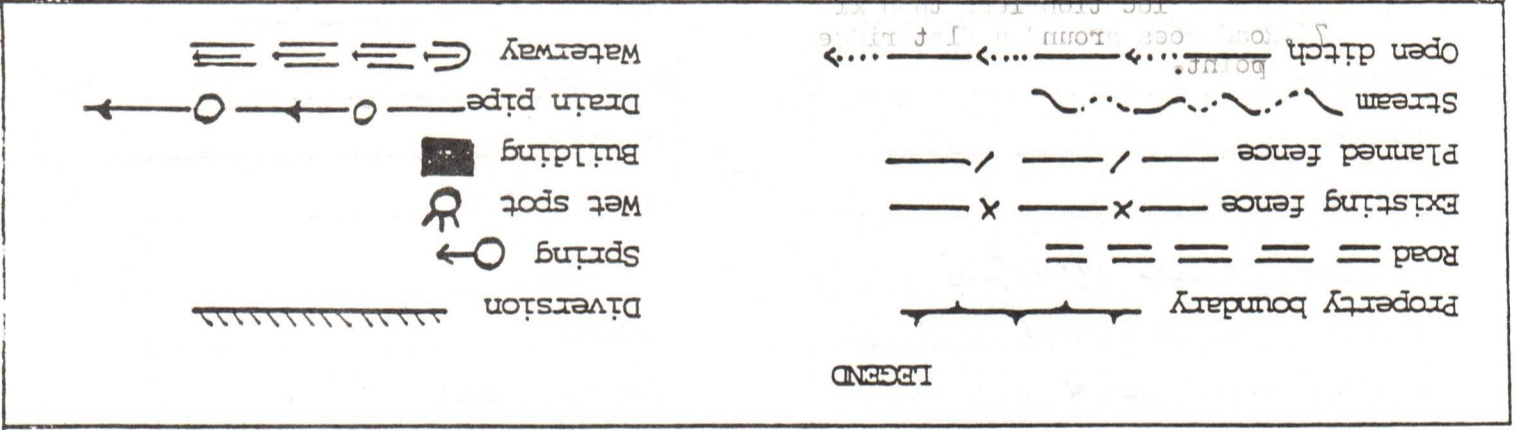
ADDRESS P. O. Box 555
Hamlin, WV 25523
PHONE NO. 824-3935

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Ranger



WELL SITE PLAN

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



AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF WEST VIRGINIA,
COUNTY OF LINCOLN :

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A) / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B) X / Form IV-3(B) / Form IV-4(B) /
- (3) Plat showing the well location on Form IV-6, and
- (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. FOUR located in LAUREL HILL District, LINCOLN County, West Virginia, upon the person or organization named--

LAURA NOE

--by delivering the same in _____ County, State of _____ on the _____ day of _____, 19____ in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual: By registered mail

[X] Handing it to him / her / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.

[] Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

[] Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

[] Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

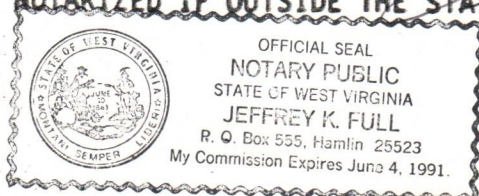
[] Handing it to the corporation's employee / officer / director / attorney in fact / named _____.

[Signature]
(Signature of person executing service)

Taken, subscribed and sworn before me this 24 day of June, 1985.
My commission expires June 4, 1991

[Signature]
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)





IV-35
(Rev 8-81)

JAN 7 1986

Date 12-30-85
Operator's _____
Well No. Harry Noe # 4
Farm Harry Noe
API No. 47 - 043 - 2671

State of West Virginia
Department of Mines
Oil and Gas Division

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

WELL TYPE: Oil___/ Gasxxx/ Liquid Injection___/ Waste Disposal___/
(If "Gas," Productionxx/ Underground Storage___/ Deep___/ Shallowxx/)

LOCATION: Elevation: 1054 Watershed Guyan River
District: Laurel Hill County Lincoln Quadrangle Ranger

COMPANY R.H. Adkins dba Dotson Branch Gas Co.

ADDRESS P.O.Box 555 Hamlin W.V. 25523

DESIGNATED AGENT R.H. Adkins

ADDRESS P.O.Box 555 Hamlin W.V. 25523

SURFACE OWNER Harry Noe

ADDRESS Ranger W.V.

MINERAL RIGHTS OWNER Col. Gas Transmission

ADDRESS Charleston W.V.

OIL AND GAS INSPECTOR FOR THIS WORK Jerry

Holcomb ADDRESS Hamlin W.V.

PERMIT ISSUED 6-25-85

DRILLING COMMENCED Aug 15, 1985

DRILLING COMPLETED Sept. 25, 1985

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.		20	
13-10"			
9 5/8			
8 5/8	619	619	surface
7	1648	1648	50 sacks
5 1/2			
4 1/2	1931	1931	65 sacks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Injun Sand Depth 2050 feet

Depth of completed well 1951 feet Rotary___/ Cable Tools xxx

Water strata depth: Fresh 300 feet; Salt 920 feet

Coal seam depths: 280-282 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Injun Sand Pay zone depth 1852 feet

Gas: Initial open flow show Mcf/d Oil: Initial open flow none Bbl/d

Final open flow 80 Mcf/d Final open flow None Bbl/d

Time of open flow between initial and final tests 24 hours

Static rock pressure 120 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)

2671

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

Well ~~x~~ perforated @ 1882-1886 4 shots
 # " " 1877-1879 2 shots
 " " " 1862-1866 8 shots

Well Frac
 500 bbls of water
 200 sacks 20-40 sand
 200 sacks 80-100 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
Surface				5	
Red Rock			5	7	
sand			7	25	
slate			25	70	
sand			70	170	
slate			170	175	
sand			175	280	
coal & slate			280	290	
sand			290	300	fresh water 300'
slate			300	355	
sand			355	380	
slate			380	390	
sand			390	395	
slate			395	425	
sand			425	458	
slate			458	470	
sand			470	495	
slate			495	510	
sand sand			510	550	
slate			550	565	
sand			565	590	
slate & shells			590	715	
sand			715	725	
slate			725	754	
sand			754	772	
slate			772	880	
sand			880	1145	
slate			1145	1150	
sand			1150	1325	
slate			1325	1350	
shell shell			1350	1395	
sand			1395	1475	
lime shells			1475	1484	
red rock rock			1484	1500	
lime shells			1500	1530	
red rock			1530	1540	
slate			1540	1555	
sand			1555	1600	

(Attach separate sheets as necessary)

R.H. Adkins d/b/a Dotson Branch Gas Company
 Well Operator

By: 

Date: 12-30-85

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 coal, encountered in the drilling of a well."

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

WELL LOG

FORMATION - COLOR - HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
little lime	1600	1627	
pinnacle cave	1627	1629	
big lime	1629	1829	
red injun	1829	1852	gas 1770 16th water 1"
gray injun	1852	1870	
slate & shells	1870	1951	
TOTAL DEPTH		1951	

(Attach separate sheets as necessary)

Well Operator

By: 

Date: _____

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 those encountered in the drilling of a well."

1
2
3
4

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

RECEIVED
SEP 18 1985

INSPECTOR'S WELL REPORT

Permit No. 043-2671

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Company <u>R.H. ADKINS</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address <u>HAMLIN</u>	Size		
Farm <u>NOE</u>	16			Kind of Packer
Well No. <u>4</u>	13			
District <u>LAUREL HILL</u> County <u>LINCOLN</u>	10			Size of
Drilling commenced <u>8-15-85</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
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 <u>8 7/8</u> SIZE <u>6 1/2</u> No. FT. <u>8-30-85</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>HALLIBURTON</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names CO TOOLS - CABLE

Remarks: CIR TO SURFACE

9-3-85
DATE

Jerry Salovey
DISTRICT WELL INSPECTOR

INSPECTOR'S PERMIT SUMMARY FORM

7-29-85

WELL TYPE GAS
ELEVATION 1054
DISTRICT LAUREL HILL
QUADRANGLE RANGER
COUNTY LINCOLN

API# 47-043-2671
OPERATOR R.H. ADKINS
TELEPHONE _____
FARM NOE
WELL # DOTSON # 4

SURFACE OWNER _____ COMMENTS ~~8-10-85~~ TELEPHONE _____

TARGET FORMATION _____ DATE APPLICATION RECEIVED _____

DATE STARTED _____
LOCATION _____ NOTIFIED 8-10-85 DRILLING COMMENCED 8-15-85

WATER DEPTHS 300, _____, _____, _____

COAL DEPTHS 280-300, _____, _____, _____

CASING

Ran 624 feet of 8 5/8 "pipe on 8-30-85 with SURFACE fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD 1960' feet on 9-25-85

PLUGGING


Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released 5-2-85


Inspector's signature

API# 47 _____ - _____

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

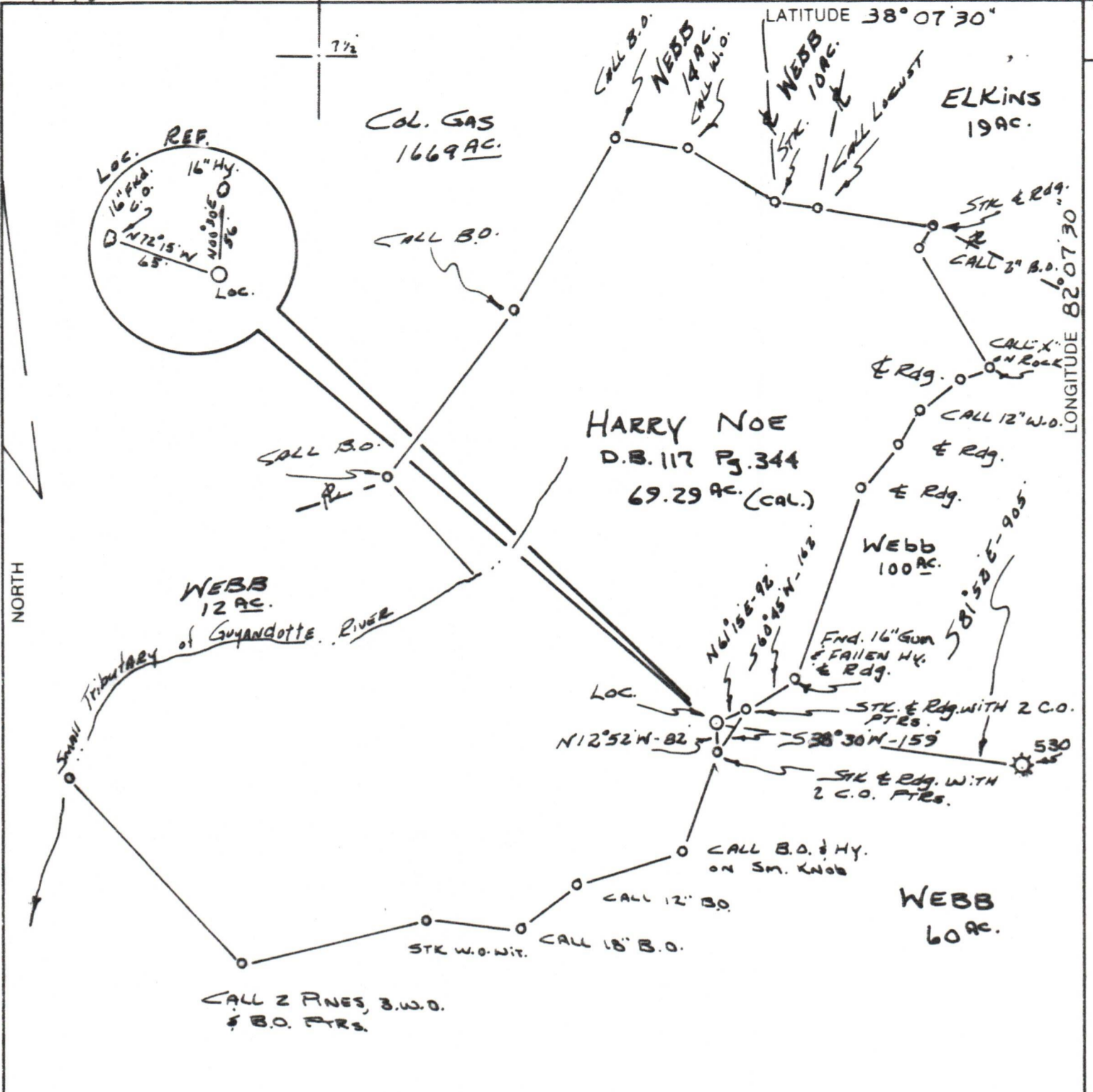
Notes

MN 7-23-85

11,125'

LATITUDE 38° 07' 30"

800



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION U.S.G.S. KNOS 1128
1900± S.E. OF LOC.

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) Paul C. Miller
 R.P.E. _____ L.L.S. 647

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE JUNE 15, 19 85
 OPERATOR'S WELL NO. 4
 API WELL NO. _____

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW

LOCATION: ELEVATION 1054' WATER SHED GUYANDOTTE RIVER
 DISTRICT LAUREL HILL COUNTY LINCOLN
 QUADRANGLE RANGER

SURFACE OWNER HARRY NOE ACREAGE 69.29 (CAL.)
 OIL & GAS ROYALTY OWNER Columbia Gas Trans Corp. LEASE ACREAGE 500

PROPOSED WORK: DRILL 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 Injun ESTIMATED DEPTH 2300'
 WELL OPERATOR R. H. Adkins DESIGNATED AGENT SAME
 ADDRESS Box 101 Hamlin, W.V. 25523 ADDRESS _____

FORM IV-6 (8-78)

COUNTY NAME PERMIT

THIS AGREEMENT, Made and entered into this 12th day of May, 1944, by and between HUNTINGTON DEVELOPMENT AND GAS COMPANY, a corporation, party of the first part, UNITED FUEL GAS COMPANY, a corporation, party of the second part, and R. H. ADKINS, party of the third part.

W I T N E S S E T H:

THAT WHEREAS, said party of the first part is the owner of the gas estate under the boundary of land embraced in the acreage herein described, and the Virginian Gasoline and Oil Company, a corporation, is the owner of the oil estate under the entire boundary of land embraced in the acreage herein described, subject, however, to a working and operating agreement between said party of the first part and said Virginian Gasoline and Oil Company; and

WHEREAS, that certain tract of land hereinafter described is embraced in an oil and gas lease granted by Sabin W. Colton, Jr., and others, Trustees of the Lincoln County Land Association, under date of August 10, 1908, to Hamlin Oil Company, which said lease is of record in the office of the Clerk of the County Court of Lincoln County, West Virginia in Lease Book _____, at Page _____, said leasehold gas rights under said lease now being owned by the party of the second part herein, and the leasehold oil rights under said lease being now owned by Transylvania Petroleum Company, subject, however, to a working and operating agreement, as modified, between Hamlin Oil Company and Columbia Gas & Electric Company, bearing date January 16, 1909;

To both working and operating agreements and modifications thereof, reference is here made for all purposes, the party of the third part accepting this lease in all respects subject thereto.

NOW, THEREFORE, THIS AGREEMENT WITNESSETH: That for and in consideration of the sum of One (\$1.00) Dollar, cash in hand paid, and other good and valuable considerations, the receipt whereof is hereby acknowledged, and of the covenants hereinafter contained on the part of the third party to be paid, kept and performed, the party of the first part has granted, demised, leased and let, and the party of the second part has assigned, and the said parties of the first and second parts by these presents do grant, demise, lease, let and assign unto

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the party of the third part, for the purpose of searching for, exploring, drilling, operating and marketing gas and of laying pipe lines, building tanks, stations, telephone, telegraph and electric power lines, houses for gates, meters and regulators, with all other rights, privileges, appliances and structures necessary and convenient for the operation of this land, all of the gas rights of the said party of the first part and the leasehold gas rights of the said party of the second part in and to that certain tract of land situate on the waters of Guyandotte River, in Laurel Hill District, Lincoln County, West Virginia, bounded and described as follows:

Beginning at stake on line of R. H. Adkins, et al, thence leaving said line and running through lands of Huntington Development and Gas Company

N 31 - 30 E 2850.4 feet to a stake
S 52 - 00 E 8510 " " " "
S 31 - 30 W 2516.2 " " " " in line of R. H. Adkins, et al,
thence with said line
N 52 - 00 W 6547 " passing an 8" B. O. on a point at 5770 feet,
to a 15 inch W.O. with a white oak witness
on north bank of Dotson Franch
N 69 - 00 W 1457 " to a Black Oak, 2 White Oaks and 3 Black Pines,
marked as witnesses, on a point
N 42 - 00 W 539.5 " to the beginning, containing five hundred (500)

acres, more or less.

It is agreed between the parties of the first and third parts hereto that the right to use the surface of said land shall be restricted to the right conveyed to the party of the first part herein. No well shall be drilled, except by mutual consent, within two hundred (200) feet of any dwelling house or barn now on said premises.

It is agreed that this lease shall remain in force for the term of one (1) year from the date hereof, and as long thereafter as the said land is operated by the party of the third part in the search for or production of gas.

IN CONSIDERATION OF THE PREMISES, the party of the third part covenants and agrees to pay for each gas well, from the time and while the gas is marketed, at the rate of one-eighth (1/8) of the wholesale market value thereof at the well, based on the price paid therefor at the well or wells by the party of the second part herein, which second party shall have the exclusive right to purchase the gas produced from said premises, in accordance with the provisions of the gas

purchase agreement, bearing even date herewith, which payments shall be made monthly on the 20th day of the month following the month in which said gas is sold and shall constitute the entire consideration to the party of the first part for such gas, including gasoline and other content thereof. In the event the party of the third part is unable, by reason of not having pipe lines available for said purpose, to market the gas from said premises, then the party of the third part shall pay to the party of the first part the rental hereinafter provided until such time as said gas is marketed. The party of the third part may use gas produced from any well or wells on said premises for fuel in his operation on said premises, free of charge.

The party of the third part shall pay to the party of the first part a rental at the rate of One (\$1.00) Dollar per acre, per year, payable quarterly in advance, beginning with the date hereof, until a well yielding royalty to the party of the first part is drilled upon said premises. Any rental paid for time beyond the date of the marketing of gas from any gas well shall be credited upon the first royalty due upon the premises. The drilling of one well, productive or otherwise, shall liquidate one-third ($1/3$) of the delay rental, and the drilling of the second well, productive or otherwise, shall liquidate another one-third ($1/3$) of the delay rental, and the drilling of the third well, productive or otherwise, shall liquidate the remaining one-third ($1/3$) of the delay rental, provided to be paid hereunder.

The said party of the third part agrees to commence the drilling of a well within sixty (60) days from the date hereof upon said premises and to complete same with due diligence. All wells drilled upon said premises shall be completed to and through the Devonian Shale, unless oil or gas is found in paying quantities at a lesser depth. At any time after completion of the first well, the party of the third part may, at his option, surrender the unoperated portion of said boundary of land, retaining 160 acres around each well theretofore drilled by him, or may continue his operations on said premises until said land has been fully developed for the production of gas.

In the event the party of the third part fails, in the judgment of the party of the first part, to reasonably prosecute the development of said tract of land within ninety (90) days after having received a notice from the

party of the first part of such failure, then upon the request of the party of the first part the party of the third part shall surrender to the party of the first part all of the leasehold gas rights embraced herein, reserving and excepting, however, one hundred sixty (160) acres around each well theretofore drilled by him, the said 160 acres to be laid off as nearly as practicable in the form of a square with the well in the center thereof; whereupon the party of the third part shall be relieved of any further payments for delay in operation hereunder, and royalties accruing by virtue of wells theretofore drilled upon said premises shall thenceforward constitute the entire consideration to the party of the first part.

The party of the third part shall use the most approved methods and comply with the laws of the State of West Virginia in such cases made and provided for the protection of all coal seams in his drilling operations and in his abandonment of any wells drilled by him on the premises, relieving the said party of the first part of all liability in connection therewith. He shall notify the party of the first part when he intends to test tubing or casing placed in the well or wells drilled on said land, in order that the party of the first part, if it so elects, may have a representative present at the time the said tubing or casing is tested.

All payments due hereunder shall be made by cash or check to the Huntington Development and Gas Company, P. O. Box 1273, Charleston 25, West Virginia.

It is agreed that the party of the third part is to have such privilege in the use of water and gas from said premises to run all machinery necessary for drilling and operating thereon and abandoning of any wells on said premises, and at any time to remove all machinery and fixtures placed on said premises, as is vested in the party of the first part herein.

It is further agreed that the party of the third part may, at any time after having complied with the drilling requirements aforesaid, upon the payment of One (\$1.00) Dollar to the party of the first part surrender this lease for cancellation by recording in the office of the County Clerk of Lincoln County, West Virginia a properly executed release deed and mailing to

the party of the first part at the aforementioned address, notice of such surrender and a check payable as above provided, for the last mentioned sum and all amounts then due hereunder; whereupon this lease shall be terminated and of no further effect.

No part of the leased premises shall be sub-let or assigned without the written consent of the party of the first part. In the event, however, that the party of the third part desires to dispose of the leasehold estate and the well or wells drilled thereon, the party of the first part shall be given an opportunity to purchase the same upon the same price, terms and conditions as that offered to any other bona fide purchaser, the party of the first part having thirty (30) days in which to exercise the option aforesaid.

IN WITNESS WHEREOF, the parties of the first and second parts have caused their corporate names to be hereunto subscribed and their corporate seals to be hereunto affixed, and the party of the third part has hereunto subscribed his name and affixed his seal, all as of the day and year first above written.

HUNTINGTON DEVELOPMENT AND GAS COMPANY

By [Signature]
President

UNITED FUEL GAS COMPANY

By [Signature]
President

[Signature] (SEAL)

O.K.
CAR-4-13-44
<u>[Signature]</u> 4/15/44
<u>[Signature]</u> ATTORNEY

STATE OF WEST VIRGINIA,
COUNTY OF KANAWHA, To-Wit:

I, Carl Radford, a Notary Public in and for said County, do certify that H. A. Wallace, Jr., President, who signed the foregoing writing, bearing date the 12 day of May 1944, for Huntington Development and Gas Company, a corporation, has this day acknowledged the same before me in my said County, to be the act and deed of said corporation.

Given under my hand this 12 day of May 1944.

My commission expires: Nov. 3, 1951

Carl Radford
Notary Public

STATE OF WEST VIRGINIA,
COUNTY OF KANAWHA, To-Wit:

I, Carl Radford, a Notary Public in and for said County, do certify that H. A. Wallace, Jr., President, who signed the foregoing writing, bearing date the 12 day of May 1944, for United Fuel Gas Company, a corporation, has this day acknowledged the same before me in my said County to be the act and deed of said corporation.

Given under my hand this 12 day of May 1944.

My commission expires: Nov. 3, 1951

Carl Radford
Notary Public

STATE OF WEST VIRGINIA,
COUNTY OF Lincoln, To-Wit:

I, F.C. Wright, a Notary Public in and for said County, do certify that R. H. Adkins, whose name is signed to the foregoing writing, bearing date the 12 day of May 1944, has this day acknowledged the same before me in my said County.

Given under my hand this 12 day of May 1944.

My commission expires: Apr 8, 1947

F.C. Wright
Notary Public