



1) Date: December 22, 19 83
 2) Operator's Well No. J-840
 3) API Well No. 47 - 001 - 2020
 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: 1613 / 1620' Watershed: Glady Creek
 District: Glade County: Barbour Quadrangle: Nestorville
- 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 Phillip Tracy Name S.W. Jack Drilling Co.
 Address General Delivery Address P.O. Box 48
Ellamore, WV 26267 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, Fox
- 12) Estimated depth of completed well, 5350 feet
- 13) Approximate trata depths: Fresh, 65 feet; salt, 0 feet.
- 14) Approximate coal seam depths: 125, 420 Is coal being mined in the area? Yes No

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 OIL & GAS DIVISION
 DEPT. OF MINES

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	11 3/4	H-40	42	x		30	0	0 sks.	Kinds
Fresh water	85/8	ERW	23	x		1000	1000	To surface	<u>NEAT</u>
Coal	85/8	ERW	23	x		1000	1000	To surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5300	5300	325 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-001-2020 Date January 17, 19 84

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 January 17, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET BOND	Agent: <u>MS</u>	Plat: <u>MS</u>	Casing: <u>MS</u>	Fee: <u>1387</u>
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[Signature]
 Administrator, Office 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

1/13



OFFICE USE ONLY

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

1) Well No. _____ 2) Operator's Well No. _____ 3) API Well No. _____

4) Well Name _____ 5) Location _____ 6) Well Operator _____

7) Drilling Contractor _____ 8) Oil & Gas Inspector to be notified _____

9) Proposed Well Work _____ 10) Geographical Target Formation _____

11) Estimated depth of completed well _____ 12) Approximate true depth _____

13) Approximate cost _____ 14) Casing and tubing program _____

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DEPT. OF MINES
OIL & GAS DIVISION

Casing or Tubing Type	Casing or Tubing Size	Weight per ft.	Length	Volume	Cost	Footage Intervals	
						Start	End
Intermediate	8 1/2"	23	1000	2300	1000	1000	
Production	7"	22	1000	2200	1000	1000	
Production	5 1/2"	10	1000	1000	1000	1000	

OFFICE USE ONLY

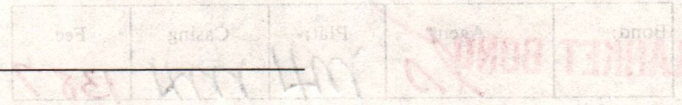
This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

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

OTHER INSPECTIONS

Reason: _____

Reason: _____



1) Date: December 22, 1983
 2) Operator's Well No. J-840
 3) API Well No. 47 - 001-2020
 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 James P. Stemple
 Address Rt. # 2
Philippi, WV 26416
 (ii) Name _____
 Address _____
 (iii) Name _____
 Address _____

5(i) COAL OPERATOR
 Address _____
 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name Cecil Wilson
 Address 115 Pine Wood Ave.
Bridgeport, WV 26330
 Name _____
 Address _____
 5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
 Name _____
 Address _____

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

- (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.

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THE REASON 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.

OIL & GAS DIVISION
 DEPT. OF MINES

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) EXTRACTION 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.)
- 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 22nd day of December, 1983.
 My commission expires 10/16, 1989.

WELL OPERATOR J&J Enterprises, Inc.
 By Richard M. Reddecliff
 Its _____ Designated Agent
 Address P.O. Box 48
Buckhannon, WV 26201
 Telephone 472-9403

Linda S. Casfield
 Notary Public, Waynesburg County,
 State of West Virginia

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>
James & Marceline Stemple Rt. # 2 Philippi, WV 26416	To Beckler Energy To J&J Enterprises, Inc.	1/2 -1/8-100%	95	481
Sherman & Mary Lindsey 1203 N. 13th St. Temple, Texas		1/4-1/8-100%	92	492
Va. & Charles Boyles Route # 6 Caldwell, OH 43724		1/4-1/8-100%	92	404

1) Date: December 22 1983
 2) Operator's Well No. J-840
 3) API Well No. 47 001
 State County Perm

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

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A. Oil ___ / Gas /
 B. (If "Gas", Production / Underground storage ___ / Deep ___ / Shallow /
- 5) LOCATION: Elevation: 1613 Watershed Glady Creek
 District: Glade County: Barbour Quadrangle: Nestorville
- 6) WELL OPERATOR J&J Enterprises, Inc.
 Address P.O. Box 48
 Buckhannon, WV 26201
- 7) DESIGNATED AGENT Richard Reddecliff
 Address P.O. Box 48
 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Phillip Tracy
 Address General Delivery
 Ellamore, WV 26267
- 9) DRILLING CONTRACTOR:
 Name S.W. Jack Drilling Co.
 Address P.O. Box 48
 Buckhannon, WV 26201
- 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, Fox
- 12) Estimated depth of completed well (or actual depth of existing well), 5350 feet
- 13) Approximate water strata depths: Fresh, 65 feet; salt, 0 feet.
- 14) Approximate coal seam depths: 125, 420 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	Left in well		
Conductor	11 3/4	H-40	42	<input checked="" type="checkbox"/>		30	0	0 sks.	Kinds
Fresh water	85/8	ERW	23	<input checked="" type="checkbox"/>		1000	1000	To surface	
Coal	85/8	ERW	23	<input checked="" type="checkbox"/>		1000	1000	To surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	<input checked="" type="checkbox"/>		5300	5300	325 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application (or less than 5 days if the Application is to plug a well), if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____

*James P. Stemples Date: 12/29/83
 (Signature)

By _____

(Signature) _____ Date: _____

Its _____ Date: _____

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OIL & GAS DIVISION
 DEPT. OF MINES

INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) Permit will be good for 24 months. See Chapter 22, Article 4 of the W. Va. Code.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, WV 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be personally served or mailed to you on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. (This time is changed to FIVE (5) DAYS from the filing date if the permit is only to plug a well.) You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments should include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the Application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.



1) Date: February 13, 19 84
 2) Operator's Well No. J-840
 3) API Well No. 47 001 2020
 State County Permit

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

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 District: Glade County: Barbour Quadrangle: Nestorville
 6) WELL OPERATOR J&J Enterprises, Inc. 7) DESIGNATED AGENT Richard Redderliff
 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 Phillip Tracy Name S.W. Jack Drilling Company
 Address Forest Festival Terrace Address P.O. Box 48
Apt. # 24, Elkins, WV 26241 Buckhannon, WV 26201
 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, Fox
 12) Estimated depth of completed well, 5350 feet
 13) Approximate trata depths: Fresh, 65 feet; salt, 0 feet.
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 FEB 21 1984
 DEPT. OF MINES
 PACKERS

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS						FOOTAGE INTERVALS		CEMENT FILLER OR SACKS (Cubic feet)	Kinds
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well			
Conductor	<u>1 1/4</u>	<u>H-40</u>	<u>42</u>	<input checked="" type="checkbox"/>		<u>30</u>	<u>0</u>	<u>0</u> sks.		
Fresh water	<u>8 5/8</u>	<u>ERW</u>	<u>23</u>	<input checked="" type="checkbox"/>		<u>1000</u>	<u>1000</u>	<u>To surface</u>		
Coal	<u>8 5/8</u>	<u>ERW</u>	<u>23</u>	<input checked="" type="checkbox"/>		<u>1000</u>	<u>1000</u>	<u>To surface</u>	Sizes	
Intermediate										
Production	<u>4 1/2</u>	<u>J-55</u>	<u>10.5</u>	<input checked="" type="checkbox"/>		<u>5300</u>	<u>5300</u>	<u>325</u> sks.	Depths set	
Tubing										
Liners									Perforations:	
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I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____
 By _____
 Its _____ Date _____

James P. Stemple Date: 2/13/84
 (Signature)
 _____ Date: _____
 (Signature)

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West Va.
COUNTY OF Upshur:

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) x / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B) / 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. J-840- Revised located in Glade District, Barbour County, West Virginia, upon the person or organization named--

--by delivering the same in Barbour County, State of W.Va. on the 13 day of February, 1984 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

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 15 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 _____.

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FEB 21 1984

OIL & GAS DIVISION
DEPT. OF MINES

Taken, subscribed and sworn before me this 13 day of Feb, 1984.
My commission expires 11-18-92.

Edmond B. Emmert IV
(Signature of person executing service)

Randall Crestury
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)


RECEIVED


FEB 21 1931

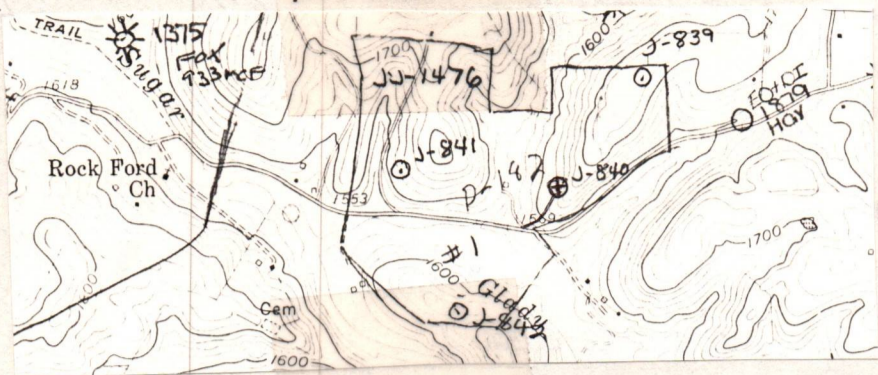
OFF. & GAS DIVISION

DEPT. OF MINES

LEGEND


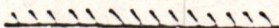
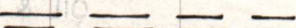

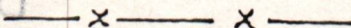



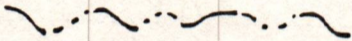
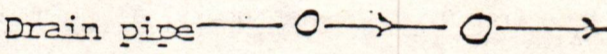
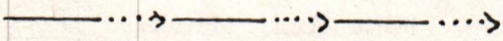
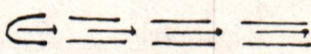
WELL SITE 

ACCESS ROAD 

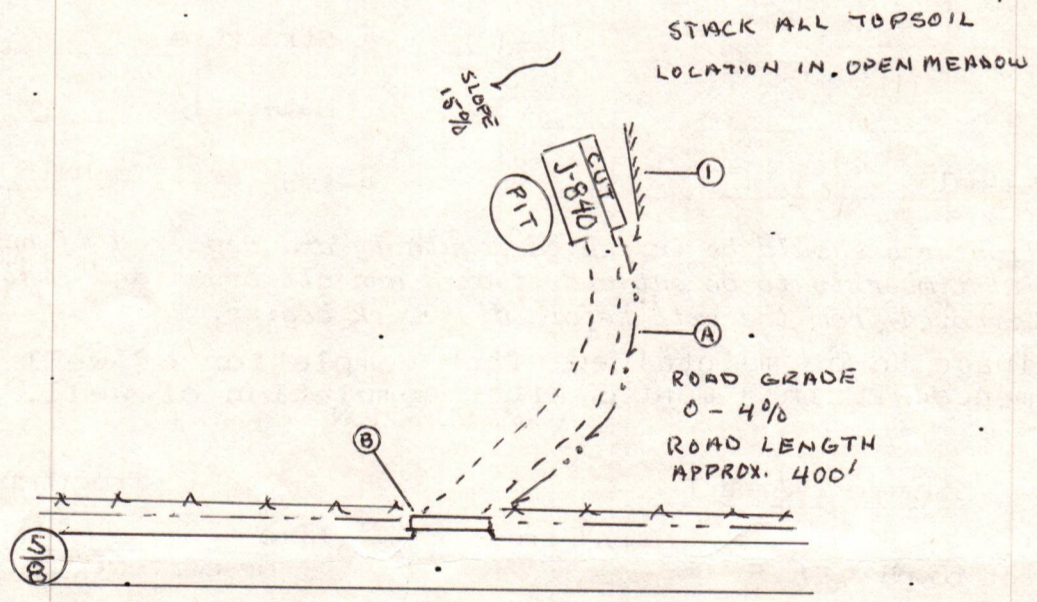


Sketch to include well location, existing access road, roads to be constructed, wells, drilling pits and necessary structures numbered or lettered to correspond with the field part of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 

Access road will follow up-graded farm road for short 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.



Stackpile topsoil

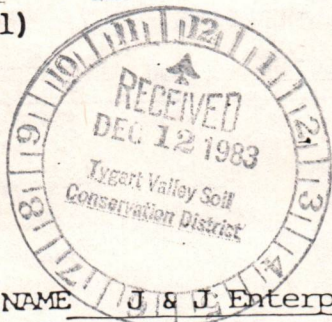


DATE 12/9/83

WELL NO. J-840

State of West Virginia API NO. 47 - 001 - 2020

Department of Mines
Oil and Gas Division



CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J & J Enterprises, Inc.

DESIGNATED AGENT Richard M. Reddecliff

Address P.O. Box 48

Address P.O. Box 48, Buckhannon, WV

Telephone Buckhannon, WV 26201

Telephone 472-9403

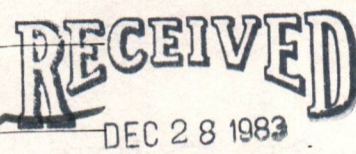
LANDOWNER James Stemple, Box 61, Philippi, WV 26416

SOIL CONS. DISTRICT Tygart Valley

Revegetation to be carried out by J&J Enterprises, Inc. (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan: 12/18/83 (Date)

Jean Freeman
(SCD Agent)



ACCESS ROAD

LOCATION OIL & GAS DIVISION DEPT. OF MINES

Structure Drainage Ditch (A)

Structure Diversion Ditch

Spacing To be constructed along road

Material soil

Page Ref. Manual 2-10

Page Ref. Manual 2-12

Structure Road Culvert (B)

Structure _____

Spacing Min. Size 15"

Material _____

Page Ref. Manual 2:8

Page Ref. Manual _____

Structure _____ (C)

Structure _____

Spacing _____

Material _____

Page 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.

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

REVEGETATION

Treatment Area I

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6.5

Lime 3 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Mulch Hay 2 Tons/acre

Seed* _____ lbs/acre

Seed* _____ lbs/acre

Orchard Grass 30 lbs/acre

Orchard Grass 30 lbs/acre

Ladino Clover 5 lbs/acre

Ladino Clover 5 lbs/acre

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

PLAN PREPARED BY Ed Summerfield

ADDRESS P.O. Box 48
Buckhannon, WV 26201

PHONE NO. 472-9403

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

RECEIVED
 DEC 28 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

due 1/13

*Your prod account in
 books under
 James H. Henshaw*

*J-840
 J-841
 J-842*

P 471 414 313
RECEIPT FOR CERTIFIED MAIL
 NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL *1-842*
 (See Reverse) *1-840 1-841*

Sent to	<i>Cecil Wilson</i>
Street and No.	<i>115 Pine Wood Ave.</i>
P.O., State and ZIP Code	<i>Bridgeport, NY 13030</i>
Postage	<i>\$.54</i>
Certified Fee	<i>.75</i>
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date	<i>60</i>
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	<i>\$1.29</i>

Postmark Date
J & J ENVELOPPES, INC.
 P.O. BOX 48
 BRIDGEPORT, NY 13030
 BUCKHANNON, WV 26201
 FORM 3800, Rev. 1982

1) Date: February 13, 1984
 2) Operator's Well No. J-840 REVISED
 3) API Well No. 47001 2020
 State County Perm

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 James P. Stemple
 Address Rt. # 2
 Philippi, WV 26416
 (ii) Name _____
 Address _____
 (iii) Name _____
 Address _____

5(i) COAL OPERATOR
 Address _____

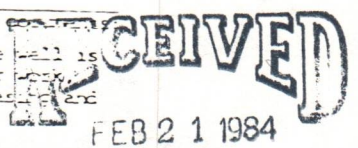
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
 Name Cecil Wilson
 Address 115 Pine Wood Ave.
 Bridgeport, WV 26330

Name _____
 Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
 Name _____
 Address _____

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

- (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 WELL WHICH ARE DESCRIBED BY 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.

OIL & GAS DIVISION
 DEPT. OF MINES

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) DETRACTION RIGHTS
 Check and provide one of the following:
 Included is the lease or leases or other containing 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.)
- 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
 Richard Reddecliff

WELL OPERATOR J&J Enterprises, INC.
 By Richard J. Reddecliff
 Its Designated Agent
 Address P.O. Box 48
 Buckhannon, WV 26201
 Telephone 472-9403

this 13 day of February, 1984.
 My commission expires 10/16, 1989.

Linda S. Caspfield
 Notary Public, Upshur County,
 State of West Virginia

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 § 22-4-9a 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>
James & Marceline Stemple	To Beckler Energy To J&J Enterprises, INC.	1/2of1/8-100%	95	481
Sherman & Mary Lindsey 1203 N. 13th. St. Temple, Texas		1/4of1/8-100%	92	492
Va. & Charles Boyles Rt. # 6 Caldwell, OH 43724		1/4of1/8-100%	92	404

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

Haverty: Perforations: 5010-40 (12 holes) 5275-80(4 holes)
 Fracturing: 400 lbs. 20/40 sand: 126 lbs. 80/100 sand: 900 gal. acid;
 Elk: Perforations: 4027-36 (12 holes)
 Fracturing: 350 sks. 20/40 sand: 500 gal. acid:
 Benson: Perforations: 3792-96 (14 holes)
 Fracturing: 200 lbs. 20/40 sand: 500 gal. acid:
 Riley: Perforations: 2639-45 (14 holes)
 Fracturing: 320 lbs. sand: 500 gal. acid.

BOTTOM HOLE PRESSURE $P_f = P_{we}^{XGLS}$
 $t = 60 + (0.0075 \times 53.62) + 459.7 = 560$ $X = 53.35 \times 560 = 29876$ $= 0.000033$ $P_f = 1700 \times 2.72^{(0.000033)}$
 $(0.620) (3960) (0.9) = 1700 \times 2.72^{0.07} = 1700 \times 1.07$
 Pf=1823 psi

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Fill			0	20	
Coal			20	23	
Shale			23	63	½" stream @ 65'
Coal			63	66	
Shale & sand			66	130	1" stream @ 145
Coal			130	133	
Sand			130	147	1" stream @ 262
Coal			147	150	
Sand			150	160	1" stream @ 410
Coal			160	162	
Sand			162	261	Gas ck @ 1123 NO show
Coal			261	265	
Sand & sandy shale			265	440	Gas ck @ 3835 NO show
Coal			440	445	
Sand			445	545	
Coal			545	550	Gas ck @ 4640 NO show
Sandy shale & red rock			550	675	
Shale & red rock			675	770	
Sandy shale & red rock			770	1100	Gas ck @ 5170 28/10-2" w/water
Big Lime			1100	1165	223,000 cu.ft.
Sand & sandy shale			1165	1720	
Sand & sandy shale			1720	2639	
Riley			2639	2645	
Sand & sandy shale			2645	3792	
Benson			3792	3796	
Sandy shale			3796	4027	
Elk			4027	4036	
Sandy shale			4036	5010	
Haverty			5010	5040	
			5040	5275	
			5275	5280	
Sandy shale			5280	5446	T.D.

(Attach separate sheets as necessary)

J&J Enterprises, Inc.

Well Operator

By: Bob Dillin

Date: 4/10/84

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

IV-35
(Rev 8-81)

RECEIVED
APR 11 1984



OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date 4/10/84
Operator's J-840
Well No. _____
Farm James Stemple
API No. 47 - 001 - 2020

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: 1613 Watershed Glady Creek
District: Glade County Barbour Quadrangle Nestorville

COMPANY J&J Enterprises, Inc.

ADDRESS P.O. Box 48, Buckhannon, WV 26201

DESIGNATED AGENT Richard Reddecliff

ADDRESS P.O. Box 48, Buckhannon, WV 26201

SURFACE OWNER James P. Stemple

ADDRESS Rt. # 2 Philippi, WV 26416

MINERAL RIGHTS OWNER Same

ADDRESS _____

OIL AND GAS INSPECTOR FOR THIS WORK Phillip

Tracy ADDRESS Forest Festival Terrace
Apt. 24, Elkins, WV 26241

PERMIT ISSUED 11/7/84

DRILLING COMMENCED 3/7/84

DRILLING COMPLETED 3/14/84

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.			
13-10"	20'	20	0 sks.
9 5/8			
8 5/8	990	990	
7			
5 1/2			
4 1/2	5362.15	5362.15	470 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Fox Depth _____ feet

Depth of completed well 5446 feet Rotary x / Cable Tools _____
65,145

Water strata depth: Fresh 262,410 feet; Salt 0 feet

Coal seam depths: 20-23, 63-66, 130-33, 147-50 Is coal being mined in the area? No
160-62, 261-65, 440-45, 545-50

OPEN FLOW DATA

Producing formation Haverty Pay zone depth 5010-40 feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Combined Final open flow 1,100 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1700 psig (surface measurement) after 96 hours shut in

(If applicable due to multiple completion--)

Second producing formation ELk, Benson & Riley Pay zone depth 2639-45 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)

BAR 2020

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

RECEIVED
MAR 14 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. OF MINES
Oil or Gas Well _____
(KIND)

Permit No. 001-2030

Company J & J Enterprises
 Address _____
 Farm James Staples
 Well No. J 840
 District Glade County Barbour
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Moving sig

3-6-84

DATE

Phillip Dwyer

DISTRICT WELL INSPECTOR

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

RECEIVED

MAR 14 1984

OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2020

Oil or Gas Well _____
(KIND)

Company J & J Enterprise
 Address _____
 Farm James Simple
 Well No. J 840
 District Glade County Barbours
 Drilling commenced _____
 Drilling completed _____ Total depth 1000
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
18			Kind of Packer _____
13			
10			Size of _____
8 1/4	990	990	255 cent.
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ D _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCH
 _____ FEET _____ INCHES _____ FEET _____ INCH
 _____ FEET _____ INCHES _____ FEET _____ INCH

Drillers' Names _____

Remarks: _____

3-8-84

DATE

Philip Tracy

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

RECEIVED
MAY 9 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2020

Oil or Gas Well _____
(KIND)

Company J & J Enterprises
 Address _____
 Farm James Stuple
 Well No. J 840
 District Slide County Barbour
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Checking reclamation work

5-1-84
DATE

Philip J. [Signature]
DISTRICT WELL INSPECTOR



RECEIVED
JUN 4 - 1985

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

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
April 17, 1984

COMPANY J & J Enterprises, Inc.

PERMIT NO 001-2020 (1-17-84)

P. O. Box 48

FARM & WELL NO James Stemple #J-840

Buckhannon, West Virginia 26201

DIST. & COUNTY Glade/Barbour

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

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

SIGNED Darryl R. Ellis

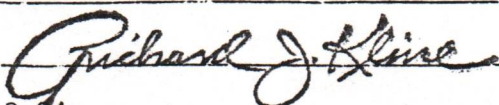
DATE 5-30-85

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. L. ...
Administrator-Oil & Gas Division

June 7, 1985
DATE

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**

1.0 API well number: (If not assigned, leave blank. 14 digits.)	<u>47 - 001 - 2020 -0000</u>															
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>103</u> Section of NGPA	<u>N/A</u> Category Code														
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>4036</u> feet															
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Name <u>J & J Enterprises, Inc.</u>		Seller Code <u>009480</u>													
	Street <u>P.O. Box 697</u>															
	City <u>Indiana,</u>		State <u>Pa.</u>	Zip Code <u>15701</u>												
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Name <u>Glade</u>															
	County <u>Barbour</u>		State <u>WV</u>													
(b) For OCS wells:	Area Name <u>N/A</u> Block Number _____															
	Date of Lease: <table border="1" style="margin:auto; border-collapse: collapse;"> <tr> <td style="width:15px; height:15px;"></td> <td style="width:15px; height:15px;"></td> <td style="width:15px; height:15px;"></td> <td style="width:15px; height:15px;"></td> <td style="width:15px; height:15px;"></td> <td style="width:15px; height:15px;"></td> </tr> <tr> <td align="center">Mo.</td> <td align="center">Day</td> <td align="center">Yr.</td> <td align="center" colspan="3">OCS Lease Number _____</td> </tr> </table>										Mo.	Day	Yr.	OCS Lease Number _____		
Mo.	Day	Yr.	OCS Lease Number _____													
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>J-840</u>															
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>N/A</u>															
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Name <u>Tennessee Gas Pipeline Company</u>			Buyer Code _____												
(b) Date of the contract:	<table border="1" style="margin:auto; border-collapse: collapse;"> <tr> <td style="width:15px; height:15px;"></td> <td style="width:15px; height:15px;"></td> <td style="width:15px; height:15px;"></td> <td style="width:15px; height:15px;"></td> <td style="width:15px; height:15px;"></td> <td style="width:15px; height:15px;"></td> </tr> <tr> <td align="center">Mo.</td> <td align="center">Day</td> <td align="center">Yr.</td> <td align="center" colspan="3">_____</td> </tr> </table>										Mo.	Day	Yr.	_____		
Mo.	Day	Yr.	_____													
(c) Estimated total annual production from the well:	_____ Million Cubic Feet															
		(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-)]	(d) Total of (a), (b) and (c)											
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>2.879</u>	<u>.278</u>	_____	<u>3.157</u>											
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	<u>2.879</u>	<u>.278</u>	_____	<u>3.157</u>											
9.0 Person responsible for this application:	Name <u>Richard J. Kline</u> Title <u>Secretary</u>															
Agency Use Only	 Signature _____ Date Application is Completed <u>4-13-84</u> Phone Number <u>(412) 349-6800</u>															
Date Received by Bureau APR 16 1984																
Date Received by FERC																

PARTICIPANTS:

DATE: MAY 15 1984

BUYER-SELLER CO

WELL OPERATOR: J & J Enterprises, Inc.

FIRST PURCHASER: Tennessee Gas Pipeline Co.

OTHER: _____

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

840418 -103-001 = 2020

Use Above File Number on all Communications
Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1. FERC -121 _____ Items not completed - Line No. _____
- 2. IV-1 Agent _____
- 3. IV-2 Well Permit _____
- 4. IV-6 Well Plat _____
- 5. IV-35 Well Record _____ Drilling _____ Deepening _____
- 6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
- 7. IV-39 Annual Production _____ years
- 8. IV-40 90 day Production _____ Days off line: _____
- 9. IV-48 Application for certification. Complete? _____
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? _____ Affidavit Signed _____
- 18-28. Other: Survey _____ Logs _____ Geological Charts _____
Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
Gas Analyses _____
- (5) Date commenced: _____ Date completed _____ Deepened _____
- (5) Production Depth: _____
- (5) Production Formation: _____
- (5) Final Open Flow: _____
- (5) After Frac. R. P. _____
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily _____
- (5) Oil Production: _____ From Completion Report _____
- 10-17. Does lease inventory indicate enhanced recovery being done _____
- 10-17. Is affidavit signed? _____ Notarized? _____
- Does official well record with the Department confirm the submitted information _____
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

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

Date April 12, 1984
Operator's Well No. J-840
API Well No. 47 - 001 - 2020
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
MCPA Section 103

DESIGNATED AGENT James R. Willett
ADDRESS S.W. Jack Drilling Company
Box 48 Buckhannon, W. VA. 26201

WELL OPERATOR J & J Enterprises, Inc.
ADDRESS P. O. Box 697
Indiana, PA 15701

LOCATION: Elevation 11613'
Watershed Gladys Creek
Dist Glad County Barbour Quad Pestoreville

GAS PURCHASER Tennessee Gas Pipeline Co.
ADDRESS P.O. Box 2511
Houston, Texas 77001

Gas Purchase Contract No. _____
Meter Chart Code _____
Date of Contract _____

* * * * *

Date surface drilling was begun: March 7, 1984

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

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

BOTTOM HOLE PRESSURE $Pf = Pwe \times GLS$
 $t = 60 + (0.0075 \times 53.62) + 459.7 = 560$ $X = 53.35 \times 560 = 29876$ $= 0.000033$ $Pf = 1700 \times 2.72 (0.000033)$
 $(0.620) (3960) (0.9) = 1700 \times 2.72^{0.07} = 1700 \times 1.07$

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

James H. McElwain

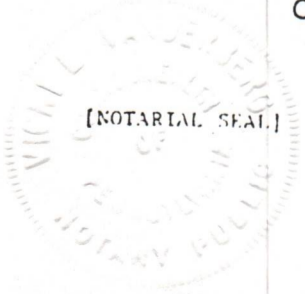
STATE OF ~~WEST VIRGINIA~~, PA
COUNTY OF Indiana, TO WIT:

I, Vicki L. Vanderberg, a Notary Public in and for the state and county aforesaid, do certify that J.H. McElwain, whose name is signed to the writing above, bearing date the 12 day of April, 1984, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 12 day of April, 1984.
My ~~XXXXXX~~ expires on the 23 day of January, 1988.
Commission

Vicki L. Vanderberg
Notary Public

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



Date April 12, 1984

Operator's Well No. J-840

API Well No. 47 - 001 - 2020
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. (If Applicable)

WELL OPERATOR J & J Enterprises, Inc.
ADDRESS Box 697
Indiana, PA 15701

DESIGNATED AGENT James R. Willett
ADDRESS S. W. Jack Drilling Co.
Box 48, Buckhannon, W. VA. 26201

Gas Purchase Contract No. _____ and Date _____
(Month, Day and Year)

Meter Chart Code _____

Name of First Purchaser Tennessee Gas Pipeline Company
P.O. Box 2511
(Street or P.O. Box)
Houston, Texas 77001
(City) (State) (Zip Code)

FERC Seller Code 009480

FERC Buyer Code _____

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) Section of NGPA 103 Category Code N/A
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

Richard J. Kline Secretary
Name (Print) Title

Richard J. Kline
Signature

P. O. Box 697
Street or P. O. Box
Indiana PA 15701
City State (Zip Code)

412 349-6800
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request for certification of the above described well as meeting the requirements of Section _____ under the Natural Gas Policy Act of 1976 (NGPA); for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); or for determination of a seasonally affected well under Section 108 of (NGPA).

All interested parties are hereby notified that on the _____ day of _____, 19____, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____

Initial review of information submitted indicates the well is. is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

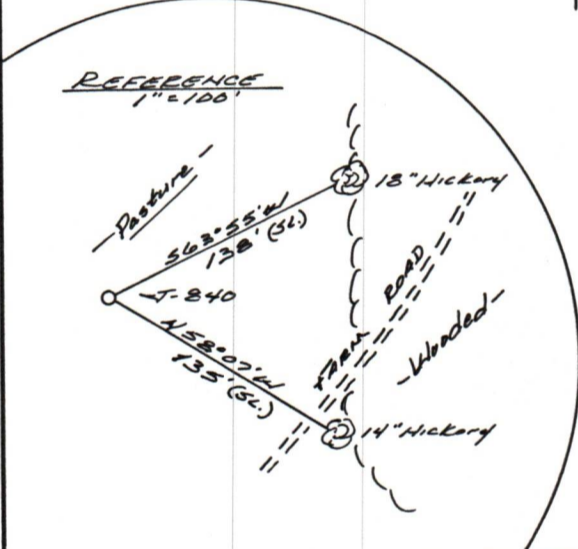
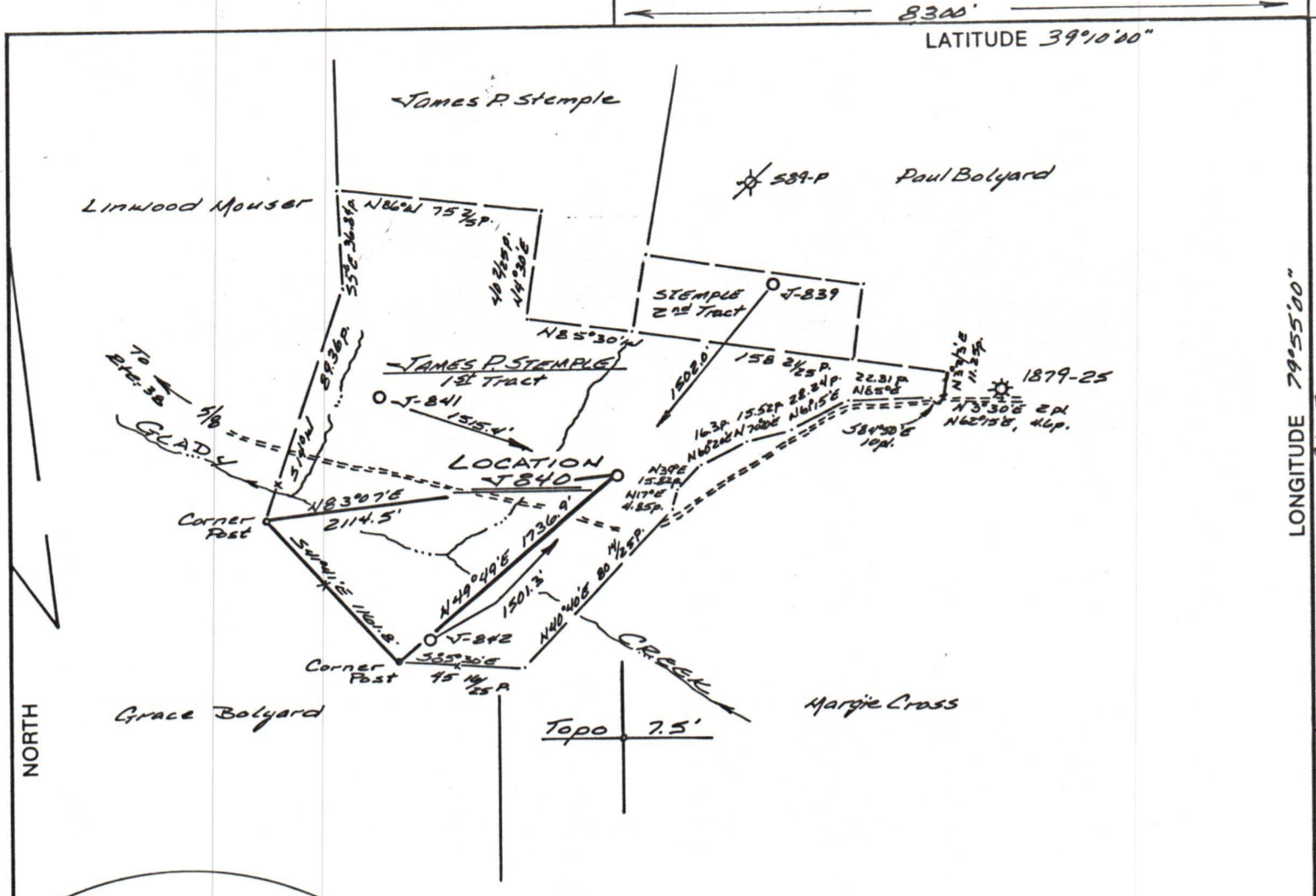
Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

Director

By _____
Title _____

Date received by _____
Jurisdictional Agency



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

FILE NO. 346.01
 DRAWING NO. 83-94 (Rev.)
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Spot El. = 1569'
South of Location.

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) Raymond S. Ostrander
 R.P.E. _____ L.L.S. 555
Buckhannon, WV

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE 10 February, 19 84
 OPERATOR'S WELL NO. J-840
 API WELL NO. (Revised)
47-001-2020
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1620' WATER SHED Glady Creek
 DISTRICT Glade COUNTY Barbour
 QUADRANGLE Nestorville

SURFACE OWNER James P. Stemple ACREAGE 136.05
 OIL & GAS ROYALTY OWNER James P. Stemple et al LEASE ACREAGE 151.45
 LEASE NO. JT-1476

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 _____ ESTIMATED DEPTH _____

WELL OPERATOR J&J ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDDEGUEFF
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201

FORM IV-6 (8-78)
 H.T. HALL

COUNTY NAME
 PERMIT