



1) Date: MAY 26, 19 84  
 2) Operator's Well No. J-1000  
 3) API Well No. 47 - 001 - 2099  
 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  / B (If "Gas", Production  / Underground storage  / Deep  / Shallow  )
- 5) LOCATION: Elevation: 1606' Watershed: TYGART VALLEY RIVER (M27)  
 District: COVE 2 County: BARBOUR Quadrangle: NESTORVILLE 7.5' 504
- 6) WELL OPERATOR J & J ENTERPRISES, INC. 24150 7) DESIGNATED AGENT RICHARD M. REDDECLIFF  
 Address P.O. BOX 48 Address P.O. BOX 48  
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name ROBERT STEWART 9) DRILLING CONTRACTOR:  
 Address P.O. BOX 345 Name S.W. JACK DRILLING CO.  
JANE LEW, WV 26378 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, 5400' feet  
 13) Approximate strata depths: Fresh, 160' feet; salt, N/A feet.  
 14) Approximate coal seam depths: 160'; 210'; 655' Is coal being mined in the area? Yes

**RECEIVED**  
 JUN 6 - 1984  
 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 Sacks	Kinds
Fresh water	8 5/8	ERW	23	X		1106'	1106'	To surface	<u>NEAT</u>
Coal	8 5/8	ERW	23	X		1106'	1106'	To surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	X		5300'	5300'	250 Sacks	Depths set
Tubing								or as required by rule 15-01	
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-001-2099 Date July 5, 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 July 5, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

<b>BLANKET</b>	Agent: <input checked="" type="checkbox"/>	Plat: <u>MM</u>	Casing: <u>MM</u>	Fee: <u>1707</u>
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*[Signature]*  
 Administrator, Office of Oil and Gas

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

File



OFFICE USE ONLY

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

1) WELL OPERATOR: \_\_\_\_\_  
 2) LOCATION: \_\_\_\_\_  
 3) WELL OPERATOR: \_\_\_\_\_  
 4) ADDRESS: \_\_\_\_\_  
 5) DRILLING CONTRACTOR: \_\_\_\_\_  
 6) NAME: \_\_\_\_\_  
 7) ADDRESS: \_\_\_\_\_  
 8) PROPOSED WELL WORK: \_\_\_\_\_  
 9) OTHER PHYSICAL CHANGE IN WELL (specify): \_\_\_\_\_  
 10) GEOLGICAL TARGET FORMATION: \_\_\_\_\_  
 11) ESTIMATED DEPTH OF COMPLETED WELL: \_\_\_\_\_  
 12) APPROXIMATE RIG DEPTH: \_\_\_\_\_  
 13) APPROXIMATE COAL SEAM DEPTH: \_\_\_\_\_

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JUL 10 - 1988

DEPT. OF MINES  
OIL & GAS DIVISION

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	Follow-up inspection(s)
Well work started	"
Completion of the drilling process	"
Well Record received	"
Reclamation completed	"

OTHER INSPECTIONS

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

Blanket	Agent	Plan	Casing	Test
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NOTE: Keep one copy of this permit posted at the drilling location.



1) Date: MAY 26, 19 84  
 2) Operator's Well No. J 1000  
 3) API Well No. 47  
 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: 1606' Watershed: TYGART VALLEY RIVER  
 District: COVE County: BARBOUR Quadrangle: NESTORVILLE 7.5'
- 6) WELL OPERATOR J & J ENTERPRISES, INC. 7) DESIGNATED AGENT RICHARD M. 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:  
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- 10) PROPOSED WELL WORK: Drill X / 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, 5400' feet  
 13) Approximate trata depths: Fresh, 160' feet; salt, N/A feet.  
 14) Approximate coal seam depths: 160'; 210'; 655' Is coal being mined in the area? Yes \_\_\_\_\_

**RECEIVED**  
 JUN 13 1984  
 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	<u>1 3/4</u>	<u>H-40</u>	<u>42</u>	<u>X</u>		<u>30</u>	<u>0</u>	<u>0 Sacks</u>	Kinds
Fresh water	<u>8 5/8</u>	<u>ERW</u>	<u>23</u>	<u>X</u>		<u>1106'</u>	<u>1106'</u>	<u>To surface</u>	
Coal	<u>8 5/8</u>	<u>ERW</u>	<u>23</u>	<u>X</u>		<u>1106'</u>	<u>1106'</u>	<u>To surface</u>	Sizes
Intermediate									
Production	<u>4 1/2</u>	<u>J-55</u>	<u>10.5</u>	<u>X</u>		<u>5300'</u>	<u>5300'</u>	<u>250 Sacks</u>	Depths set
Tubing								<u>or as required by rule 15-01</u>	
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 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.)  
 NAME: \_\_\_\_\_  
 By \_\_\_\_\_  
 Its \_\_\_\_\_ Date \_\_\_\_\_

(For execution by natural persons)  
Lindsay A. Wolfe Date: 6-4-'84  
 (Signature)  
Hazel Nestor Wolfe Date: 6-4-'84  
 (Signature)

**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.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

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, West Virginia 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 delivered 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. 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 must 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.



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

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 JUN 13 1984  
 OIL & GAS DIVISION  
 No. \_\_\_\_\_  
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
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Intermediate										
Production	<u>4 1/2</u>	<u>J-55</u>	<u>10.5</u>	<u>X</u>		<u>5300'</u>	<u>5300'</u>	<u>250 Sacks</u>		
Tubing								<u>or as required by rule 15-01</u>		
Liners									Perforations:	
									Top	Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

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

WAIVER

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

Date: May 29, 19 84  
 By Hillman Coal & Coke Co.  
William R. Kohl  
 Its Geologist

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

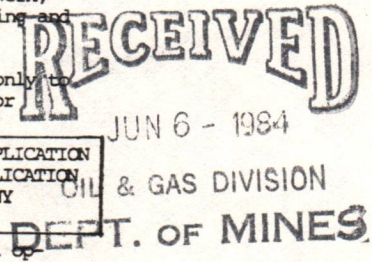
4) SURFACE OWNER(S) OF RECORD TO BE SERVED  
(i) Name Lindsey Wolfe  
Address Route 1  
Moatsville, WV 26405  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR N/A  
Address \_\_\_\_\_  
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Hillman Coal & Coke Co.  
Address 1900 Grant Bldg.  
Pittsburgh, PA 15219  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name N/A  
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 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.



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

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 M. REDDECLIFF,  
this 26 day of May, 1984.  
My commission expires 12-7, 1992.

Gregory A. Smith  
Notary Public, Gilmer County,  
State of WV

WELL OPERATOR J & J ENTERPRISES, INC.

By Richard M. Reddecliff  
Its DESIGNATED AGENT  
Address P.O. BOX 48  
BUCKHANNON, WV 26201  
Telephone 472 - 9403

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>
(Assignor) Beckler Energy, Inc.	J & J Enterprises, Inc.		99/611
Sherman B. Lindsey & Mary Eloise Lindser	Beckler Energy	1/2 of 1/8-100%	89 605
Virginia Boyles & Charles B. Boyles	Beckler Energy	1/2 of 1/8-100%	89 605





IV-9  
(Rev 8-81)



DATE March 19, 1984

WELL NO. J-1000

API NO. 47-001-2099

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J & J Enterprises, Inc. DESIGNATED AGENT Richard Reddecliff  
Address P.O. Box 48 Buckhannon, WV 26201 Address P.O. Box 48 Buckhannon, WV 26201  
Telephone 304-472-9403 Telephone 304-472-9403  
LANDOWNER Lindsey Wolfe 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. 5/30/84 (Date)  
Jean Freeman (SCD Agent)

RECEIVED  
JUN 6 - 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>see sketch</u>	Material <u>Earthen</u>
Page Ref. Manual <u>2-12</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Road Culvert</u> (B)	Structure <u>Rip-Rap</u> (2)
Spacing <u>minimum 15"</u>	Material <u>Logs or brush</u>
Page Ref. Manual <u>2-7</u>	Page Ref. Manual <u>2-16</u>
Structure <u>Cross Drain</u> (C)	Structure <u>Sediment Barrier</u> (3)
Spacing <u>see sketch</u>	Material <u>Staked hay bales</u>
Page Ref. Manual <u>2-1</u>	Page Ref. Manual <u>2-16</u>

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	Treatment Area II
Lime <u>3 Tons/acre</u> or correct to pH <u>6.5</u>	Lime <u>3 Tons/acre</u> or correct to pH <u>6.5</u>
Fertilizer <u>600 lbs/acre</u> (10-20-20 or equivalent)	Fertilizer <u>600 lbs/acre</u> (10-20-20 or equivalent)
Mulch <u>Hay 2 Tons/acre</u>	Mulch <u>Hay 3 Tons/acre</u>
Seed* <u>KY-31 30 lbs/acre</u>	Seed* <u>Orchard Grass 30 lbs/acre</u>
<u>Annual Rye 10 lbs/acre</u>	<u>Ladino Clover 5 lbs/acre</u>
<u>Red Clover 5 lbs/acre</u>	<u>Red Clover 5 lbs/acre</u>

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

PLAN PREPARED BY Smith Land Surveying Co.  
ADDRESS 111 South Street  
Glenville, WV 26351  
PHONE NO. 304-462-5634

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

P 574 015 749

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

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

Sent to HILLMAN COAL & COKE CO.	
Street and No. 1900 GRANT BLDG.	
P.O., State and ZIP Code PITTSBURGH, PA 15219	
Postage	\$ 1.35
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.72
Postmark or Date	MAY 25 1984 U.S.P.

**RECEIVED**  
JUN 6 - 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

P 574 015 645

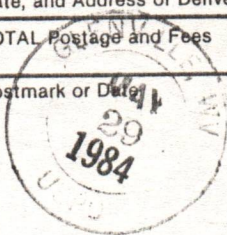
**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

\* U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to LINDSEY WOLFE	
Street and No. ROUTE 1	
P.O. State and ZIP Code MOATSVILLE, WV 26405	
Postage	\$ 37
Certified Fee	.25
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.68
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 72
Postmark or Date	

**RECEIVED**  
JUN 6 - 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

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OIL & GAS DIVISION  
DEPT. OF MINES

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


Haverty: Perforations: 5320-26 (8 holes) 5408-10(8 holes)  
Fracturing: 350 sks. 20/40 sand:550 Bbls. fluid.  
Elks: Perforations: 4809-11(6 holes) 5040-43 (8 holes)  
Fracturing: 300 sks. 20/40 sand: 500 gal. acid: 580 Bbls. fluid.  
Elks: Perforations: 4348-51 (5 holes)4510-12(3 holes)4544-45(3 holes)4572-73 (2 holes)4594-96  
(6 holes)  
Fracturing:350 sks. 20/40 sand:500 gal. acid:633 Bbls. fluid.  
Speechley 2951-58(16 holes) Fracturing:300 sks. 20/40 sand:500 gal. acid:350 Bbls.fluid.

BOTTOM HOLE PRESSURE Pf=Pwe XGLS  
 $t=6- + (0.0075 \times 5435) + 459.7 = 560$   $X=53.35 \times 560 = 29901$   $=0.000033$   $Pf=1250 \times 2.72^{(0.000033)}$   
 $(0.662)(4181)(0.9) = 1250 \times 2.72^{0.08} = 1250 \times 1.08$   
 Pf=1350 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	5	
Shale & sand			5	45	1/2" stream @ 90'
Coal			45	48	
Sand & sandy shale			48	205	Gas ck @ 2178 No show
Sand & shale			205	695	
Shale, sand & red rock			695	915	Gas ck @ 2394 No show
Sand & shale			915	1350	
Little lime			1350	1400	Gas ck @ 2550 No show
Big lime			1400	1485	
Lime & sand			1485	1575	Gas ck @ 2770 No show
Sand, shale & red rock			1575	2150	
Sand & shale			2150	2951	Gas ck @ 2927 No show
Speechley			2951	2958	
Sand & shale			2958	4348	Gas ck @ 2990 4/10-2" w/water 130,000 cu.ft.
1st Elks			4348	4396	
Sand & shale			4396	4809	
3rd Elks			4809	5043	Gas ck @ 2546 2/10-2" w/water 114,000 cu.ft.
Sand & shale			5043	5320	
Haverty			5320	5410	
Sand & shale			5410	5595	Gas ck @ 4197 2/10-2" w/water 114,000 cu.ft.
				T.D.	
					Gas ck @ 5158 odor

(Attach separate sheets as necessary)

J&J Enterprises, INC.  
 Well Operator  
 By:   
 Date: 8/20/84

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 ..., encountered in the drilling of a well."



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AUG 22 1984

IV-35 (Rev 8-81)

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

Date August 20, 1984 Operator's Well No. J-1000 Farm Sherman Lindsey API No. 47 - 001 - 2099

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: 1606 Watershed Tygart Valley River District: Cove County Barbour Quadrangle Nestorville 7.5

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 Lindsey Wolfe

ADDRESS Rt. #1, Moatsville, WV 26405

MINERAL RIGHTS OWNER Sherman Lindsey and

ADDRESS Charles Boyles, Addresses unknown

OIL AND GAS INSPECTOR FOR THIS WORK Russell

Beall ADDRESS P.O.Box 160, Philippi, WV 26416

PERMIT ISSUED 7/15/84

DRILLING COMMENCED 7/19/84

DRILLING COMPLETED 7/25/84

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

Table with 4 columns: Casing & Tubing Size, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 13-10", 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Fox Depth feet

Depth of completed well 5595 feet Rotary x / Cable Tools

Water strata depth: Fresh 90 feet; Salt 0 feet

Coal seam depths: 45-48 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Haverty Pay zone depth 5408-10 5320-26 feet

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

Combined Final open flow 539 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1250 psig (surface measurement) after 96 hours shut in 4348-4996

(If applicable due to multiple completion--)

Second producing formation Elks Pay zone depth 5040-43 4809-11 feet 2951-58

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

Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

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

(Continue on reverse side)

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

RECEIVED

JUL 18 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 001-2099

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

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>J + J</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>J. Haller - Wolf</u>	13			
Well No. <u>J-1000</u>	10			Size of _____
District _____ County <u>001</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names JACIE

Remarks: Start Road

7/16/84  
DATE

R.G. Beall 501  
DISTRICT WELL INSPECTOR

Form 26  
2/16/82

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

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

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

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

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

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

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

Remarks:

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

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

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

RECEIVED

JUL 23 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES  
Oil or Gas Well \_\_\_\_\_  
(KIND)

Permit No. 001-2099

Company <u>J &amp; J</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Wolf</u>	16			Kind of Packer _____
Well No. <u>J-1000</u>	13			
District _____ County <u>001</u>	10			Size of _____
Drilling commenced <u>7/19/84</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			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 _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names JACIE Rig #23

Remarks: move on -

7/19/84  
DATE

RG Beall 501  
DISTRICT WELL INSPECTOR





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

RECEIVED

JUL 23 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2099

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

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>J + J</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>Wolf</u>	13			
Well No. <u>J-1000</u>	10			Size of _____
District _____ County <u>001</u>	8 1/4			
Drilling commenced <u>7/19</u>	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names JACK - Rig #23

Remarks: Deg - 528' @ 2:00

7/20/84  
DATE

R. G. Beane  
DISTRICT WELL INSPECTOR



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

RECEIVED

JUL 26 1984

INSPECTOR'S WELL REPORT

Permit No. 001-2099

OIL & GAS DIVISION  
DEPT. OF MINES

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>JYJ</u>	Size			
Address	16			Kind of Packer
Farm <u>Wolf</u>	13			
Well No.	10			Size of
District _____ County <u>BARBOUR</u>	8 1/4			
Drilling commenced	6 5/8			Depth set
Drilling completed <u>7/24</u> Total depth <u>2840</u>	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names JACK RIG 23

Remarks: T.D. - Log - Run 4 1/2 -

7/24/84  
DATE

P. K. Hall  
DISTRICT WELL INSPECTOR



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

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AUG 24 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2099

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

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>J+J</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>WOLF</u>	13			
Well No. <u>J-1000</u>	10			Size of _____
District _____ County <u>001</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Coart - Williams

Remarks: Finish grading - siding - should be OK - will check later

8/22/84  
DATE

RG Head - 501 -  
DISTRICT WELL INSPECTOR





**RECEIVED**

JUL 9 - 1985

OIL & GAS DIVISION  
**DEPT. OF MINES**

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

FINAL INSPECTION REPORT  
 INSPECTORS COMPLIANCE REPORT  
 September 17, 1984

COMPANY J & J Enterprises, Inc.

PERMIT NO 001-2099 (7-05-84)

P. O. Box 48

FARM & WELL NO Lindsey Wolfe #J-1000

Buckhannon, West Virginia 26201

DIST. & COUNTY Cove/Barbour

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

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

SIGNED *David R. Ellis*

DATE 7-5-85

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

July 18, 1985

DATE





U.S. DEPARTMENT OF ENERGY  
Federal Energy Regulatory Commission  
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**  
(Sections 102, 103, 107 and 108)

**PLEASE READ BEFORE COMPLETING THIS FORM:**

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 270.103. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Remarks:

APR 25 1981

DATE: SEP 14 1984  
 OPERATOR: J & J Enterprises, Inc.  
 PURCHASER: Tennessee Gas Pipeline  
 BUYER-SELLER

Va. Department of Mines, Oil & Gas Division  
 WELL DETERMINATION FILE NUMBER  
840829-103-001-2099  
 Above File Number on all Communications  
 Relating to Determination of this Well

**QUALIFIED**

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

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? \_\_\_\_\_

7. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? \_\_\_\_\_ Affidavit Signed \_\_\_\_\_

E. 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 4/1-120 days \_\_\_\_\_

Line Pressure \_\_\_\_\_

Oil Production \_\_\_\_\_ From Completion Record \_\_\_\_\_

7. Does lease provisions indicate enhanced recovery being done \_\_\_\_\_

7. Is affidavit signed? \_\_\_\_\_ Notarized? \_\_\_\_\_

official well record with the Department confirm the submitted information \_\_\_\_\_

ditional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_

Interpretation Checked to \_\_\_\_\_ by \_\_\_\_\_

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

Date August 25, 1984  
Operator's Well No. J-1000  
API Well No. 47 - 001 2099  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL  
NGPA Section 103

WELL OPERATOR J & J Enterprises, Inc.  
ADDRESS P. O. Box 697  
Indiana, PA 15701  
GAS PURCHASER Tennessee Gas Pipeline Co.  
ADDRESS P.O. Box 2511  
Houston, Texas 77001

DESIGNATED AGENT James R. Willett  
ADDRESS S.W. Jack Drilling Company  
Box 48 Buckhannon, W. VA. 26201  
LOCATION: Elevation 1600  
Watershed Tygart Valley River  
Dist. Cove County Barbour Quad Pestoville  
Gas Purchase Contract No. \_\_\_\_\_  
Meter Chart Code \_\_\_\_\_  
Date of Contract \_\_\_\_\_

\* \* \* \* \*

Date surface drilling was begun: July 19, 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 x(L/S)  
t=6- + (0.0075 x 5435) + 459.7 = 560 x=53.35 x 560 =29901 =0.000033 Pf=1250 x 2.72 (0.000033)  
(0.662) (4181) (0.9) = 1250 x 2.72 0.08 =1250 x 1.08  
Pf=1350 psi

AFFIDAVIT

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 25 day of Aug, 1984, has acknowledged the same before me, in my county aforesaid Given under my hand and official seal this 25 day of Aug, 1984.  
My ~~XXXXXX~~ expires on the 23 day of January, 1988  
Commission

Vicki L. Vanderberg  
Notary Public

[NOTARIAL SEAL]



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

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

Date August 25, 1984  
Operator's Well No. J-1000  
API Well No. 47 - 001-2099  
State \_\_\_\_\_ County \_\_\_\_\_  
Previous File No. \_\_\_\_\_

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR J & J Enterprises, Inc.

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

ADDRESS Box 697  
Indiana, PA 15701

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: 103 N/A  
Category Code

- (1) Initial determination (See FERC Form 121.) Section of NGPA
- (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)

912 349-6800  
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 1978, (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 (

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

AUG 29 1984

Date received by  
Jurisdictional Agency

By [Signature]  
Title \_\_\_\_\_

27126/19/84

4,790' LATITUDE 39° 15' 00"

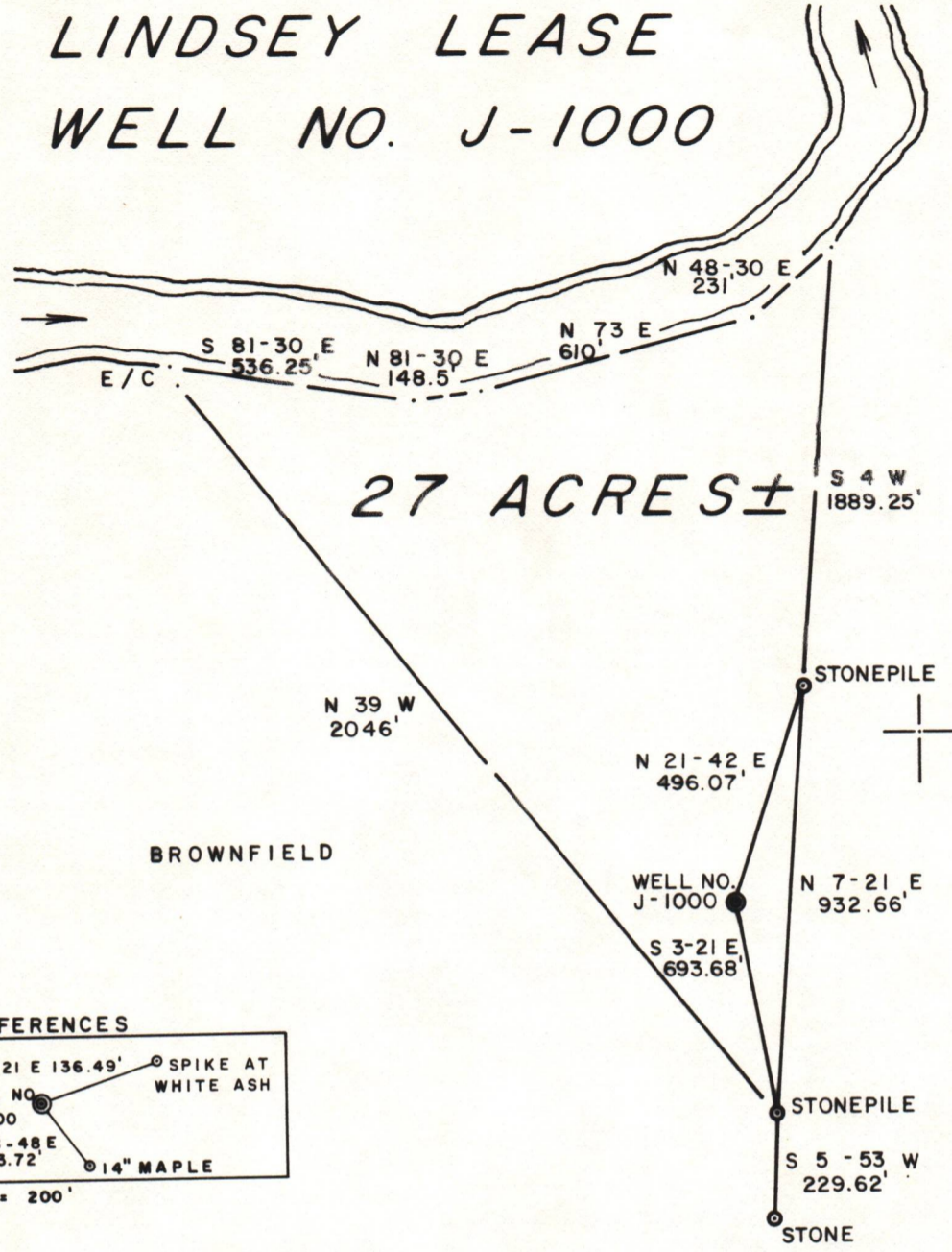
# LINDSEY LEASE WELL NO. J-1000

## 27 ACRES ±

LONGITUDE 79° 55' 00"

8,530'

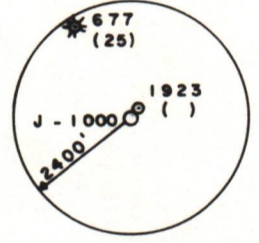
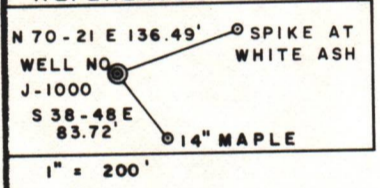
NORTH



BROWNFIELD

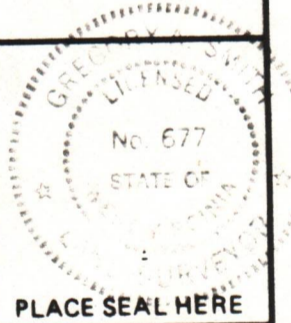
HALLER

### REFERENCES



FILE NO. 14 - 23  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1 / 200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB  
ELEV. 1776'

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



PLACE SEAL HERE

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



DATE MAY 14, 1984  
 OPERATOR'S WELL NO. J-1000  
 API WELL NO. 47 - 001 - 2099  
 STATE COUNTY PERMIT

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

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1606' WATER SHED TYGART VALLEY RIVER  
 DISTRICT COVE COUNTY BARBOUR  
 QUADRANGLE NESTORVILLE 7.5'  
 SURFACE OWNER LINDSEY WOLFE ACREAGE 27  
 OIL & GAS ROYALTY OWNER SHERMAN B. LINDSEY, et. al. LEASE ACREAGE 27  
 LEASE NO. JJ - 1625  
 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 FOX ESTIMATED DEPTH 5400'  
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD M. REDDECLIFF  
 ADDRESS P.O. BOX 48 ADDRESS P.O. BOX 48  
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201