



1) Date: 19 April, 19 84
 2) Operator's Well No. J-959
 3) API Well No. 47 - 001 - 2058
 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: 1800' Watershed: Sand Run
 District: Philippi County: Barbour Quadrangle: Nestorville
- 6) WELL OPERATOR J&J ENTERPRISES, INC.
 Address PO Box 48
Buckhannon, WV 26201
- 7) DESIGNATED AGENT Richard Reddecliff
 Address PO 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 PO 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, Haverty
- 12) Estimated depth of completed well, 5800' feet
- 13) Approximate strata depths: Fresh, 150 feet; salt, 1100 feet.
- 14) Approximate coal seam depths: 125' & 175' Is coal being mined in the area? Yes / No

RECEIVED
 APR 27 1984
 OIL & GAS DIVISION
 DEPT. OF MINE

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	8 5/8	ERW	23	X		1900	1900	To Surface	
Coal	8 5/8	ERW	23	X		1900	1900	To Surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	X		5750	5750	350 sks.	Depths set As req. by Rule 15.01
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-001-2058

May 15, 19 84
 Date

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

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires May 15, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>lo</u>	Plat: <u>15</u>	Casing: <u>15</u>	Fee: <u>1528</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) Date: 12 APR 84
 2) Operator's Well No. 001 - 001
 3) API Well No. 47 - 001 - 001
 Permit



FILE COPY
 FORM IV-2(B)
 (Overseas)
 7-83

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINE, OIL AND GAS DIVISION
OFFICE USE ONLY

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

4) WELL LOCATION: B "H" Gas, Production
 Elevation: 1800' Watched: Sand Run
 District: Putnam County
 5) WELL OPERATOR: J & J Enterprises, Inc.
 Address: Box 48, Buckhannon, WV 26201
 6) DESIGNATED AGENT: Richard Reddick
 Address: Box 48, Buckhannon, WV 26201
 7) DRILLING CONTRACTOR: S. W. Jack Drilling Co.
 Name: S. W. Jack Drilling Co.
 Address: Box 48, Buckhannon, WV 26201
 8) OIL & GAS INSPECTOR TO BE NOTIFIED: General Delivery
 Name: General Delivery
 Address: Buckhannon, WV 26201
 9) PROPOSED WELL WORK: Drill 1 1/2" X 1 1/2" deeper
 Plus off old formation
 Perform new formation
 Other physical change in well (specify):
 10) GEOLOGICAL TARGET FORMATION: Haverly
 11) Estimated depth of completed well: 1800' feet
 12) Approximate true depth: Fresh: 150 feet
 13) Approximate coal seam depths: ISS & JSS: 150 feet
 14) Is coal being mined in the area? Yes
 15) CASING AND TUBING PROGRAM

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 OIL & GAS DIVISION
 DEPT. OF MINE

CASING OR TUBING TYPE	Size	Grade	SPECIFICATIONS		FOOTAGE INTERVALS		TACKERS
			Weight (lb/ft)	New / Used	1st in well	for drilling	
Production	2 1/2"	50	X	Used	2750	2750	0
Intermediate	2 1/8"	50	X	Used	1900	1900	0
Coal	2 1/8"	50	X	Used	1900	1900	0
Fresh water	2 1/8"	50	X	Used	1900	1900	0
Condenser	2 1/4"	40	X	Used	30	30	0

OFFICE USE ONLY

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

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

OTHER INSPECTIONS

Reason: _____
 Reason: _____

Bond	Agent	Plan	Casing	Fee

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) Date: April 24, 1984
2) Operator's
Well No. J-959
3) API Well No. 47 - 001-2058
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 J. Myron Marsh
Address 1499 SStoltz Rd.
Bethal Park, Pa, 15102

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name R.K. Bogart, Jr.
Address C/O Badger Coal Co.

P.O. Box 456

Name Philippi, WV 26416
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name Badger Coal Co.
Address (Same)

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 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.

RECEIVED
APR 27 1984

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.

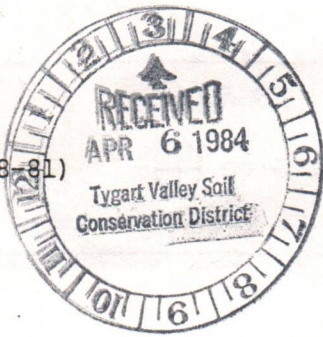
The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Richard Reddecliff
his 24 day of April, 1984.
My commission expires 10/16, 1989.

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

WELL
OPERATOR J&J Enterprises, Inc.
By [Signature]
Its Designated Agent
Address P.O. Box 48
Buckhannon, WV 26201
Telephone 472-9403

IV-9
(Rev 8-81)



State of West Virginia
Department of Mines
Oil and Gas Division

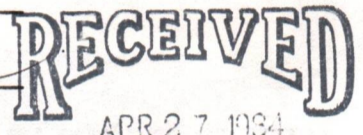
DATE April 6th 1984
WELL NO. T-959
API NO. 47-001-2058

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J&J Enterprises, Inc. DESIGNATED AGENT Richard Reddicliff
Address PO Box 48 Address PO Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201
Telephone 304-472-9404 Telephone 304-472-9404
LANDOWNER Myron Marsh SOIL CONS. DISTRICT Tygart Valley
(Margaret C. Marsh) 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: 4/9/84

(Date)
Jean Freeman
(SCD Agent)



ACCESS ROAD	LOCATION
Structure <u>Culverts</u> (A) Spacing <u>As shown and as needed.</u> (15" min. when leaving State road.) Page Ref. Manual <u>2-7</u>	Structure <u>Diversion Ditch</u> Material <u>Soil (2% max. slope)</u> Page Ref. Manual <u>2-12</u>
Structure <u>Drainage Ditch</u> (B) Spacing <u>To be constructed along</u> access road. Page Ref. Manual <u>2-12</u>	Structure <u>Drilling Pit</u> (2) Material <u>Soil</u> Page Ref. Manual <u>-----</u>
Structure <u>Cross Drains</u> (C) <u>5%-135' 15%-60'</u> Spacing <u>10%-80' 20%-45'</u> Page Ref. Manual <u>2-4</u>	Structure <u>Sediment trap</u> (3) Material <u>Soil</u> Page Ref. Manual <u>-----</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.

HAY MEADOWS

REVEGETATION

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

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

OSTRANDER LAND SURVEYING, INC.
PLAN PREPARED BY Rexford L. Ostrander

ADDRESS Rt. 2, Box 375-6
Buckhannon, WV 26201

PHONE NO. 304-472-0817

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

Being Recorded 4/27/84

ASSIGNMENT OF OIL AND GAS LEASES

THIS ASSIGNMENT, Made as of the 20th day of April, 1984, by and between BECKLER ENERGY, INC., Whose address is Route 71, Box 28, Glenville, West Virginia, 26351, hereinafter referred to as "Assignor", and J & J ENTERPRISES, INC., a Pennsylvania corporation, whose address is P.O. Box 48, Buckhannon, West Virginia, 26201, hereinafter referred to as "Assignee".

WITNESSETH:

That for and in consideration of the mutual covenants herein contained and the sum of One Dollar (\$1.00), cash in hand paid by Assignee to Assignor, the receipt of which is hereby acknowledged, Assignor does hereby grant, bargain, sell, transfer, and assign unto Assignee, its successors and assigns, subject to the terms and conditions hereinafter set forth, with all of Assignor's right, title and interest in and to those certain Oil and Gas Leases, and the leasehold estates created thereby, set forth and described in the Exhibit "A" attached hereto and incorporated by reference as a part hereof.

This Assignment is subject to the following terms and conditions:

1. Assignee shall comply with, observe and perform all the terms, conditions and agreements contained in the leases.
2. Assignee shall be responsible for all operations to be performed under this Assignment and to protect, indemnify and save the Assignor harmless from and against any and all liability, loss and damage arising from or in connection with its own operations.
3. Upon execution of this Assignment, Assignor shall be released from any and all liability which may incur in the future by way of this Assignment.
4. This Assignment is made without warranty of title, express or implied, other than to represent that the Assignor has paid all delay rentals in full and has not previously assigned or granted to any person or corporation drilling rights or title to the leasehold estates herein granted. Assignee agrees to assume all future delay rental payments.
5. Assignor hereby agrees to refund the purchase price on any lease where a good and marketable title has not been assigned hereunder, or replace defective lease with another lease of equal value, provided that Beckler is notified of title defect within 60 day of date of this assignment. Such refund will be made within thirty (30) days after notice is given to Beckler of the defect in the title and a request for a refund. Provided, however, such refund may be delayed for a period not to exceed an additional sixty (60) days to provide time for the curing of the title defect. If such defect is cured to the satisfaction of J & J ENTERPRISES, INC. such refund request will be withdrawn.
6. This Assignment is made subject to all exceptions, reservations and conditions contained in the instruments of record pertaining to the lands covered herein and it shall be binding upon and inure to the benefit of the respective successors and assigns of the Assignor and Assignee.
7. This Assignment is made subject to the terms and conditions of an unrecorded agreement of even date herewith by and between the parties hereto.

RECEIVED
APR 27 1984
OIL & GAS DIVISION
DEPT. OF MINES

IN WITNESS WHEREOF, Assignor has hereunto set its hand and seal all as of the day and year first hereinabove written.

WITNESS:

BECKLER ENERGY, INC.
a West Virginia corporation

James F. Beckett
James F. Beckett, its President

STATE OF WEST VIRGINIA

COUNTY OF Upshur, to-wit:

I, Randall Oresburen, a Notary Public in and for said county and state, do certify that James F. Beckett, who signed the writing hereto, bearing date the 20th day of April, 1984, for BECKLER ENERGY, INC., has this day in my said county, before me, acknowledged the said writing to be the act and deed of said corporation.

Given under my hand this 20 day of April, 1984.

Randall Oresburen
Notary Public

My Commission Expires: Nov 18, 1992

This instrument prepared by: Beckler Energy, Inc.
Rt. 71, Box 28
Glennville, WV 26351

RECEIVED
 APR 27 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

P 534 4J2 828

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

T-959

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to <u>Badger Coal Co.</u>	
Street and No. <u>RR Bogart, Jr.</u>	
P.O. State and ZIP Code <u>PO Box 456</u>	
<u>Phillippi, WV 26416</u>	
Postage	\$ 37
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	\$ 172
Postmark or Date	1984

P 534 4J2 827

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

T-959

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to <u>J. Myron Marsh</u>	
Street and No. <u>1499 Startg Rd.</u>	
P.O. State and ZIP Code <u>Bethel Park Pa 15102</u>	
Postage	\$ 37
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	\$ 172
Postmark or Date	1984

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

Haverty: Perforations: 5149-79(15 holes) 5295-5312(5 holes)
 Fracturing: 450 sks. 20/40 sand: 150 sks. 80/100 sand:600 Bbls. fluid.
 1st Elk: Perforations: 4055-57.5 (10 holes)
 Fracturing: 200 sks. 20/40 sand:500 gal. acid:200 Bbls. fluid.
 2nd & 3rd ELK: Perforations: 4550-53 (7 holes) 4792-95(7 holes)
 Fracturing: 300 sks. 20/40 sand: 500 gal. acid: 335 Bbls. fluid.

BOTTOM HOLE PRESSURE Pf=Pwe^{XGLS}

$$t=60 + (0.0075 \times 5399) + 459.7 = 560 \quad X = \frac{1}{53.35} \times 560 = \frac{1}{29886} = 0.000033 \quad Pf=1500 \times 2.72^{(0.000033)}$$

$$(0.720)(4684)(0.9) = 1500 \times 2.72^{0.1} = 1500 \times 2.72^{0.1} = 1500 \times 1.1$$

Pf=1650

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Top soil & sand			0	20	
Coal			20	25	1 " stream @ 25'
Sandy shale & sand			25	146	
Coal			146	150	1½" stream @ 135'
Sandy shale & sand			150	550	
Coal			550	555	Gas ck @ 3225 No show
Shale, red rock & sandy shale			555	755	
Red rock & sandy shale			755	800	Gas ck @ 3935 No show
Sandy shale & red rock			800	900	
Sand & sandy shale			900	1090	Gas ck @ 5013 No show
Big Lime			1090	1200	
Sand & sandy shale			1200	1430	
Sand & sandy shale			1430	4055	Gas ck @ collars 8/10-1" w/water 21,300 cu.ft.
1st Elk			4055	4058	
Sand & sandy shale			4058	4550	
2nd Elk			4550	4553	
Sand & sandy shale			4553	4792	
3rd Elk			4792	4795	
Sand & sandy shale			4795	5149	
Haverty			5149	5312	
Sand & sandy shale			5312	5508	
					T.D.

(Attach separate sheets as necessary)

J&J Enterprises, Inc.

Well Operator

By: 

Date: 7/12/84

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."

RECEIVED
JUL 13 1984



IV-35
(Rev 8-81)

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

Date July 12, 1984
Operator's Well No. J-959
Farm Myron Marsh
API No. 47 - 001 - 2058

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: 1800 Watershed Sand Run
District: Philippi 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 J. Myron Marsh

ADDRESS 1499 Stoltz Rd. Bethal Park, Md. 15102

MINERAL RIGHTS OWNER Same As Surface

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK Phillip
Tracy Apt. 24, Forrest Festival
ADDRESS Terrace, Elkins, WV

PERMIT ISSUED 5/15/84

DRILLING COMMENCED 6/2/84

DRILLING COMPLETED 6/8/84

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"	69	0	0 sks.
9 5/8			
8 5/8	927.45	927.45	260 sks.
7			
5 1/2			
4 1/2	5398.89	5398.89	420 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Haverty Depth 5149-5312 feet

Depth of completed well 5508 feet Rotary x / Cable Tools

Water strata depth: Fresh 25,135 feet; Salt 0 feet

Coal seam depths: 20-25, 146-50, 550-55 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Haverty Pay zone depth 5149-79 feet

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

Combined Final open flow 318 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1500 psig (surface measurement) after 96 hours shut in

(If applicable due to multiple completion--)

Second producing formation 1st, 2nd & 3rd Elk Pay zone depth 4550-53 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)

MONOW 2058

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

RECEIVED

JUN 1 1 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 601-2058

Oil or Gas Well _____
(KIND)

Company J & J Petroleum
 Address _____
 Farm Marsh
 Well No. J 959
 District Phillippi 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			Size of _____
10			Depth set _____
8 1/4			Perf. top _____
6 5/8			Perf. bottom _____
5 3/16			Perf. top _____
3			Perf. bottom _____
2			
Liners Used			

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

6-1-84
DATE

Phillip Drey
DISTRICT WELL INSPECTOR

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

RECEIVED
JUN 12 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2058

Oil or Gas Well _____
(KIND)

Company <u>J + J Enterprises</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Myron Marsh</u>	16			
Well No. <u>J 959</u>	13			Size of _____
District <u>Phillippi</u> County <u>Barbour</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth <u>500</u>	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			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 _____

Remarks:

6-4-84
DATE

Phillip Tracy + Russ Bell
DISTRICT WELL INSPECTOR

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

RECEIVED

JUN 12 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2058

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. M. MARSH -</u>	13			
Well No. <u>J-959</u>	10			Size of _____
District <u>Phillippi</u> County <u>Barbour</u>	8 1/4 12	<u>957</u>	<u>957</u>	
Drilling commenced <u>6/1/84</u>	6 5/8			Depth set _____
Drilling completed <u>6/9</u> Total depth <u>5510</u>	5 3/16 <u>4 1/2</u>	12	<u>5510</u>	
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 _____

Remarks:

6-8-84

Fred L. Beane
501

DATE

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
AUG 28 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2058

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>Marsh -</u>	13			
Well No. <u>J-959</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 Cont. Williams

Remarks: Finish graded - lime, Fert, Seed Applied
Partially mucked -

8/24/84
DATE

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

Drillers' Names _____

Remarks:

_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR



RECEIVED
OCT 5 1984

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
July 31, 1984

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

PERMIT NO 001-2058
FARM & WELL NO Myron Marsh #J-959
DIST. & COUNTY Philippi/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 RC-Bear
DATE 10/3/84

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

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

DEC 17 1984

December 17, 1984

DATE

FERC-121

<p>1.0 API well number (If not available, leave blank. 14 digits.)</p>	<p><u>47-001-2058</u></p>			
<p>2.0 Type of determination being sought. (Use the codes found on the front of this form.)</p>	<p><u>103</u> Section of NGPA</p>		<p><u>N/A</u> Category Code</p>	
<p>3.0 Depth of the deepest completion location. (Only use if sections 103 or 107 in 2.0 above.)</p>	<p><u>4553</u> feet</p>			
<p>4.0 Name, address and code number of applicant. (35 letters per line maximum. If code number not available, leave blank.)</p>	<p><u>J & J Enterprises, Inc.</u> Name</p>		<p><u>009480</u> Seller Code</p>	
	<p><u>P.O. Box 697</u> Street</p>			
	<p><u>Indiana,</u> City</p>		<p><u>PA</u> State</p>	<p><u>15701</u> Zip Code</p>
<p>5.0 Location of this well. (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)</p>	<p><u>Philippi</u> Field Name</p>			
	<p><u>Barbour</u> County</p>		<p><u>WV</u> State</p>	
<p>(b) For OCS wells:</p>	<p><u>N/A</u> Area Name</p>			
			<p>Block Number</p>	
	<p>Date of Lease:</p>			
	<p>Mo. Day Yr.</p>		<p>OCS Lease Number</p>	
<p>(c) Name and identification number of this well. (35 letters and digits maximum.)</p>	<p><u>J-959</u></p>			
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir. (35 letters maximum.)</p>	<p><u>N/A</u></p>			
<p>6.0 (a) Name and code number of the purchaser. (35 letters and digits maximum. If code number not available, leave blank.)</p>	<p><u>Tennessee Gas Pipeline Company</u> Name</p>			
	<p>Buyer Code</p>			
<p>(b) Date of the contract:</p>	<p>Mo. Day Yr.</p>			
<p>(c) Estimated annual production:</p>	<p>MMcf.</p>			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
<p>7.0 Contract price (As of filing date. Complete to 3 decimal places.)</p>	<u>2.909</u>	<u>.278</u>	<u>.---</u>	<u>3.190</u>
<p>8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)</p>	<u>2.909</u>	<u>.278</u>	<u>.---</u>	<u>3.190</u>
<p>9.0 Person responsible for this application</p>	<p><u>Richard J. Kline</u> Secretary</p>			
<p>Agency Use Only</p> <p>Date Received by Juris. Agency</p> <p>JUL 31 1984</p> <p>Date received by FERC</p>	<p>Name: _____ Title: _____</p> <p>Signature: <u>Richard J. Kline</u></p> <p><u>7-20-84</u> Date application is Completed</p> <p><u>(412) 349-6800</u> Phone Number</p>			

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 18 JUL

PARTICIPANTS:
LE OPERATOR:
FIRST PURCHASER:
OWNER:

DATE: AUG 16 1984

BUYER-SELLER

J & J Enterprises, Inc.
Tennessee Gas Pipeline Co.

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
840731-103-001-2058
Use Above File Number on all Communications
Relating to Determination of this Well

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

1. 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 _____

8. 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 _____

Line Pressure: _____

Oil Production: _____ From Completion Record _____

7. Does lease inventory indicate enhanced recovery being done _____

7. Is affidavit signed? _____ Notarized? _____

official well record with the Department confirm the submitted information. _____

Additional information _____ Does computer program confirm? _____

Determination Checked to _____ By Whom? _____

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

Date July 20, 1984
Operator's Well No. J-959
API Well No. 47 - State 001 - County Barbour - Permit 2058

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
MGPA 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 1800

Watershed Sand Run

Dist. Phillippi County Barbour Quad Pesterville

Gas Purchase Contract No. _____

Meter Chart Code _____

Date of Contract _____

* * * * *

Date surface drilling was begun: June 2, 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 $Pf = Pwe^{XGLS}$

$$t = 60 + (0.0075 \times 5399) + 459.7 = 560$$

$$(0.720) (4684) (0.9) = 1500 \times 2.72^{0.1} = 1500 \times 2.72^{0.1} = 1500 \times 1.1$$

$$X = \frac{1}{53.35} \times 560 = 10.5$$

$$= 29886 = 0.000033 \quad Pf = 1500 \times 2.72^{0.1} = 1650$$

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 20 day of July, 1984, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 20 day of July, 1984.

My ~~XXXXXX~~ Commission expires on the 23 day of January, 1988.

[NOTARIAL SEAL]



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

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

Date July 20, 1984
Operator's Well No. J-959
API Well No. 47 001-2058
State _____ County _____
Previous File No. _____ (If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR J & J Enterprises, Inc.

DESIGNATED AGENT James R. Willett

ADDRESS Box 697
Indiana, PA 15701

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.) 103 Section of NGPA N/A Category Code
- (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 1975. (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

JUL 31 1984

Date received by _____
Jurisdictional Agency

By [Signature] Director
Title _____

FERC-121

1.0 API well number: (If not available, leave blank. 11 digits.)	<u>47-001-2058</u>			
2.0 Type of determination being sought. (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA	<u>N/A</u> Category Code		
3.0 Depth of the deepest completion location. (Only enter if sections 103 or 107 in 2.0 above.)	<u>4553</u> feet			
4.0 Name, address and code number of applicant. (35 letters per line maximum. If code number not available, leave blank.)	<u>J & J Enterprises, Inc.</u> Name		<u>009480</u> Sector Code	
	<u>P.O. Box 697</u> Street			
	<u>Indiana,</u>	<u>PA</u>	<u>15701</u>	
	City	State	Zip Code	
5.0 Location of this well. (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	<u>Philippi</u> Field Name			
	<u>Barbour</u> County		<u>WVA</u> State	
(b) For OCS wells:	<u>N/A</u>			
	Area Name		Block Number	
	Date of Lease: Mo. Day Yr.			
(c) Name and identification number of this well. (35 letters and digits maximum.)	<u>J-959</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.)	<u>Tennessee Gas Pipeline</u> Name			
(b) Date of the contract.	Mo. Day Yr.			
(c) Estimated annual production:	MMcf			
	(a) Base Price (\$/MMBTU)	(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.)	<u>4.274</u>	<u>278</u>	<u>---</u>	<u>4.552</u>
8.0 Maximum royalty rate (As of filing date. Complete to 3 decimal places.)	<u>4.274</u>	<u>278</u>	<u>---</u>	<u>4.552</u>
9.0 Person responsible for this application	<u>Richard J. Kline</u> Secretary			
Agency Use Only: Date received by Joint Agency	Name: <u>Richard J. Kline</u> Title			
Date received by FERC	Signature: <u>Richard J. Kline</u>			
Date completed by FERC	Date application is completed: <u>6-21-85</u> File Number: <u>(412) 349-6800</u>			

produced an average of 60 Mcf or less per production day for the 90-day period (item 1). All available months of production preceding the filing date are shown on Form IV-39.

c.) Will the maximum efficient rate of flow be established by other evidence? NO

3. Dates

a.) List the dates during the production period (including the 90-day production period) which gas was not produced. NONE

b.) Why was no gas produced on these dates? N/A

4. Crude Oil

How much oil did the well produce during the 90-day production period? NONE
(total bbls)

How much oil per day? N/A

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax records and royalty payment records) and indicate the location of such records.

Describe the search made of any records listed above:

AFFIDAVIT

I, James H. McElwain, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.

James H. McElwain

STATE OF PA

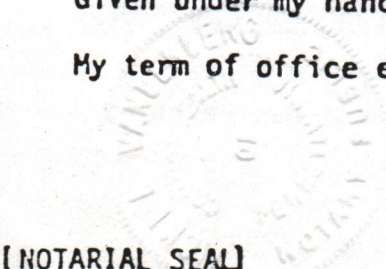
COUNTY OF Indiana, TO-WIT:

I, Wicki L. Vanderberg, a Notary Public in and for the state and county aforesaid, do certify that James H. McElwain, whose name is signed to the writing above, bearing date the 24 day of June, 1985, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 24 day of June, 1985

My term of office expires on the 23 day of Jan., 1988.

Wicki L. Vanderberg
Notary Public
INDIANA BROUGH, INDIANA COUNTY
MY COMMISSION EXPIRES JAN. 23, 1988
Member, Pennsylvania Association of Notaries



[NOTARIAL SEAL]

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

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

Date: June 24, 1985

Operator's Well No. J-959

API Well No. 47 - 001 - 2058
State County Permit

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: Richard Reddecliff

Address: P.O. Box 48
Buckhannon, WVA 26201

Location: Elevation 1800

Watershed Sand Run
Dist. Philippi County Barbour Quad. Nestorville

Gas Purchase Contract No. 1523

Meter Chart Code 991785

Date of Contract _____

All applicants must complete FERC Form 121, including question No. 2.0 which should state Section 108 of NGPA.

QUALIFICATIONS

1. Rate of Production

a.) What date did the well have first production? July 16, 1984

b.) What are the beginning and ending dates of the 90-day production period?

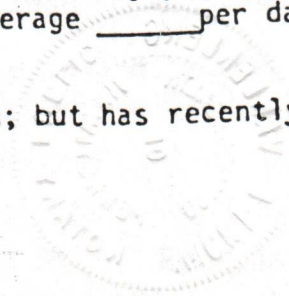
From Dec 31, 1984 to April 1, 1985. During this 90-day production period, what was the total and average per-day production? The well produced a total of 2413 MCF or average 27 MCF per day.

2. Maxium Efficient Rate of Flow

The operator must establish that the well produced at its maxium efficient rate of flow by use of one of the following procedures (Check one):

[] a.) If the filing date is more than one year from the date of first production, provide production on IV-39 for twelve months prior to the last day of the 90-day production period (2-1 in item 1). This twelve month period is _____ through _____ and produced a total of _____ MCF or average _____ per day.

[X] b.) If the well does not have a 12-month history of production; but has recently



J-959
JUL 30 1985

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: June 24, 1985 24150

Applicant's Name: J & J Enterprises, Inc.

Address: P.O. Box 697
Indiana, PA 15701

Gas Purchaser Contract No. _____

Date of Contract _____
(Month, day and year)

First Purchaser: P627
Tennessee Gas Pipeline Company

Address: P.O. Box 2511
(Street or P.O. Box)
Houston, Texas 77001
(City) (State) (Zip Code)

FERC Seller Code _____

AGENCY USE ONLY
WELL DETERMINATION FILE NUMBER
850703 -1080-001 - 2058
Use Above File Number on all
Communications Relating to This Well

Designated Agent: Richard Reddecliff

Address: P.O. Box 48
Buckhannon, WVA 26201

FERC Buyer Code _____

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL BE ADDRESSED:

Name: Vicki Vanderberg _____ (Title)

Signature: Vicki Vanderberg _____ (Print) _____ (Title)

Address: P.O. Box 697
(Street or P.O. Box)
Indiana, PA. 15701

Telephone: 412 349-6800
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
- x 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildup

- 103 New Onshore Production Well
- 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

RECEIVED

JUL 3 1985

OIL & GAS DIV.
DEPT. OF MINES

AGENCY USE ONLY
Have July 24 - Aug 85
Need May 85 - June 85
QUALIFIED

Date Received

Determination Date

REPORT OF MONTHLY PRODUCTION
GAS VOLUMES IN MCF @ 14.73
OIL IN BARRELS @ 60 DEGREES

J. & J. ENTERPRISES, INC.

P.O. BOX 697

INDIANA, PA 15701

OPERATOR _____

YEAR 19 84

API 601-3058 FARM Marsh COUNTY Barbour AVG. FLOW PRESSURE _____ SHUT-IN PRESSURE _____ TOTALS 6918

GAS MCF _____ OIL BBL J- F- M- A- M- J- J- A- S- O- N- D- 1430 964 1190 1073 1069 1190 GAS 0

DAYS ON LINE _____ 15 31 30 31 30 31 OIL 168

YEAR 19 85 Well in line 7/16/84

API _____ FARM _____ COUNTY _____ AVG. FLOW PRESSURE _____ SHUT-IN PRESSURE _____ TOTALS _____

GAS MCF 934 OIL BBL J- F- M- A- M- J- J- A- S- O- N- D- 816 658 945 750 730 GAS 3347

DAYS ON LINE 30 31 28 31 30 31 OIL 0

YEAR 19 _____ FARM _____ COUNTY _____ AVG. FLOW PRESSURE _____ SHUT-IN PRESSURE _____ TOTALS _____

API _____ FARM _____ COUNTY _____ AVG. FLOW PRESSURE _____ SHUT-IN PRESSURE _____ TOTALS _____

GAS MCF _____ OIL BBL J- F- M- A- M- J- J- A- S- O- N- D- _____ GAS _____

DAYS ON LINE _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

API NUMBERS

SUMMARIZATION SCHEDULE
Section 271.804 (b)

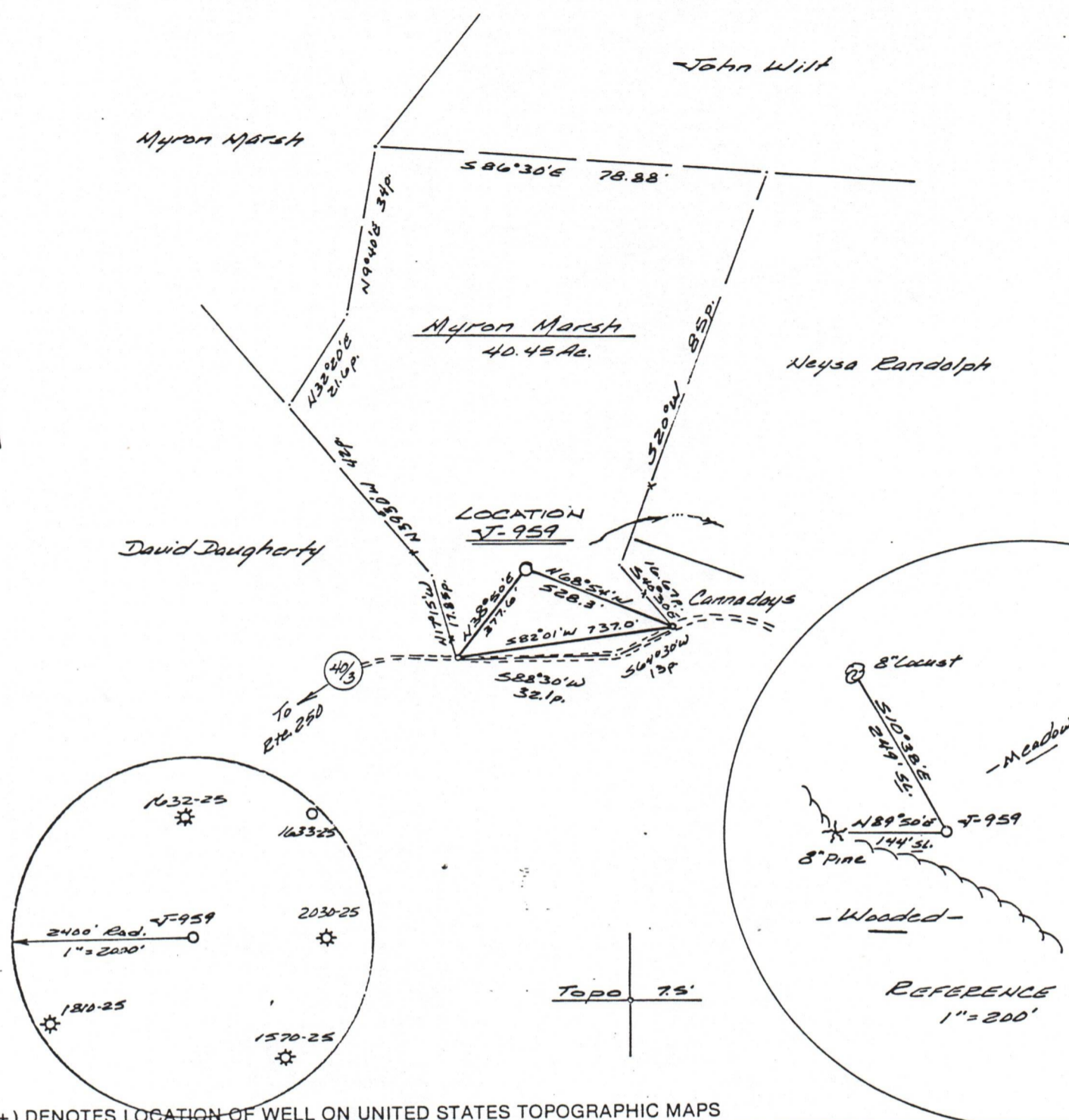
N/A

In accordance with Section 271.804 (b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

6,850
LATITUDE 39°10'00"

LONGITUDE 79°57'30"

NORTH



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

FILE NO. 346.01
 DRAWING NO. 84-36
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Spot Elev. - 1642'
West 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) Richard L. Ostrander
 R.P.E. _____ L.L.S. 555
Buckhannon, WV 26201

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 19 April, 19 84
 OPERATOR'S WELL NO. V-959
 API WELL NO. _____

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1800' WATER SHED Sand Run
 DISTRICT Philippi COUNTY Barbour
 QUADRANGLE Nestorville
 SURFACE OWNER J. Myron Marsh ACREAGE 40.45
 OIL & GAS ROYALTY OWNER J. Myron Marsh, et al LEASE ACREAGE 40.45
 LEASE NO. 55-1648
 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 Haverly ESTIMATED DEPTH 5800
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD EGDECLIFF
 ADDRESS P.O. Box 48 ADDRESS PO Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201

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

COUNTY NAME PERMIT