

FILE COPY



1) Date: January 25, 1984
 2) Operator's Well No. J-846
 3) API Well No. 47 - 001 - 2030
 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: 1745 Watershed: Sand Run
 District: Glade County: Barbour Quadrangle: Nestorville
- 6) WELL OPERATOR J&J Enterprises, Inc. 7) DESIGNATED AGENT Richard Reddecliff
 Address P.O. Box 48 Address P.O. Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name S.W. Jack Drilling Co.
 Address Forest Festival Terrace Address P.O. Box 48
Apt. # 24, Elkins, WV 26241 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill x / Drill deeper / Redrill / Stimulate x /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Fox
 12) Estimated depth of completed well, 5600 feet
 13) Approximate trata depths: Fresh, 125,250 feet; salt, 0 feet.
 14) Approximate coal seam depths: 175,475 Is coal being mined in the area? Yes / No x /

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		1200	1200	To surface	NEAT
Coal	8 5/8	ERW	23	x		1200	1200	To surface	
Intermediate									
Production	4 1/2	J-55	10.5	x		5550	5550	750 sks.	Depths set
Tubing									or as req. by rule 15-01
Liners									
									Perforations:
									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-001-2030 Date February 14, 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 February 14, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>MH</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>1405</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

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



1986

OFFICE USE ONLY

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

1) WELL LOCATION: B (H) Gas, Production, Underground storage, Shallow, Depth, Well No. 001-2030

2) WELL OPERATOR: P.O. Box 48, Buchanan, WV 26201

3) DRILLING CONTRACTOR: S.W. Cook Drilling Co., P.O. Box 48, Buchanan, WV 26201

4) APPROXIMATE COAL SEAM DEPTH: 1500

5) ESTIMATED DEPTH OF COMPLETED WELL: 30

6) APPROXIMATE TRAP DEPTH: 1500

7) OTHER PHYSICAL CHANGE IN WELL (Specify):

8) OIL & GAS INSPECTOR TO BE NOTIFIED: Yes

FORMATION	THICKNESS (FEET)	SIZE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT IN PLACE OR BACK (Cubic feet)	PACKERS
			Weight per ft.	Grains	For drilling	Left in well		
Production	1500	2 1/2"	28	28	1500	1500	0	WATER
Intermediate	1500	2 1/2"	28	28	1500	1500	0	
Coal	1500	2 1/2"	28	28	1500	1500	0	
Fresh water	1500	2 1/2"	28	28	1500	1500	0	
Conductor	1500	2 1/2"	28	28	1500	1500	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	February 18, 1986	
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____

Band:	Agent:	File:	Casing:	Test:
BBB	John	MA 111	MA 111	MA 111

1) Date: January 25, 1984
2) Operator's Well No. J-846
3) API Well No. 47 - 001-2030
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 Charles W. Isner
Address Rt. # 2
Philippi, WV 26416
(ii) Name
Address
(iii) Name
Address

5(i) COAL OPERATOR

Address

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD

Name Charles W. Isner
Address Rt. # 2
Philippi, WV 26416
Name Raymond K. Bogert, Jr.
Address C/O Eastern Energy
Rt. # 3, Box 443, Buckhannon, WV 26201

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:

Name Badger Coal Company
Address Rt. # 3, Box 197
Buckhannon, WV 26201

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

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

THE PERSON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE 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 X

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

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

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

this 25th day of January 25, 1984.
My commission expires 10/16, 1989.

Sinda S. Canfield
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

DEPT. OF MINES
OIL & GAS DIVISION

RECEIVED
JAN 27 1984

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.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)

I N L I E U O F F I L I N G L E A S E (S) A N D O T H E R C O N T I N U I N G C O N T R A C T (S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Charles W. Isner, ET AL Rt. 2 Philippi, WV 26416	J&J Enterprises, Inc.	1/2 of 1/8-100%	119	201
Vernon & Pauline Pierce		1/8 of 1/8-100%	96	35
Marie S. Evans		1/8 of 1/8-100%	95	240
Carl T. & Anna McKinney		1/36 of 1/8-100%	94	535
Grace McKinney		1/36 of 1/8-100%	95	236
W. Paul McKinney		1/24 of 1/8-100%	94	537
Mary Lou Claamiri		1/24 of 1/8-100%	94	537
Helen M. Martin		1/36 of 1/8-100%	94	614
Stephanie C. & Richard Durr		1/12 of 1/8-100%	96	35

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

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: 1745 Watershed Sand Run
District: Glade County: Barbour Quadrangle: Nestorville
- 6) WELL OPERATOR J&J Enterprises, Inc.
Address P.O. Box 48
Buckhannon, WV 26201
- 7) DESIGNATED AGENT Richard Reddecliff
Address P.O. Box 48
Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phillip Tracy
Address Forest Festival Terrace
Apt. 24, Elkins, WV 26241
- 9) DRILLING CONTRACTOR:
Name S.W. Jack Drilling Company
Address P.O. Box 48
Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill x / Drill Deeper / Redrill / Stimulate x /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Fox
- 12) Estimated depth of completed well (or actual depth of existing well), 5600 feet
- 13) Approximate water strata depths: Fresh, 125,250 feet; salt, 0 feet.
- 14) Approximate coal seam depths: 175,475 Is coal being mined in the area? Yes / No
- 15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
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Fresh water	85/8	ERW	23	x		1200	1200	To surface	
Coal	85/8	ERW	23	x		1200	1200	To surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5550	5550	750 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

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

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

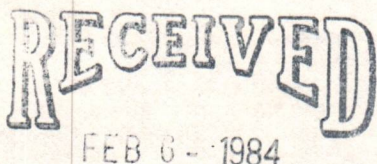
NAME: _____

+ Charles W. Isner Date: 2/1/84
(Signature)

By _____

(Signature) Date: _____

Its _____ Date: _____



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

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

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

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

Where to file comments and obtain additional information:

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

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

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

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

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


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


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

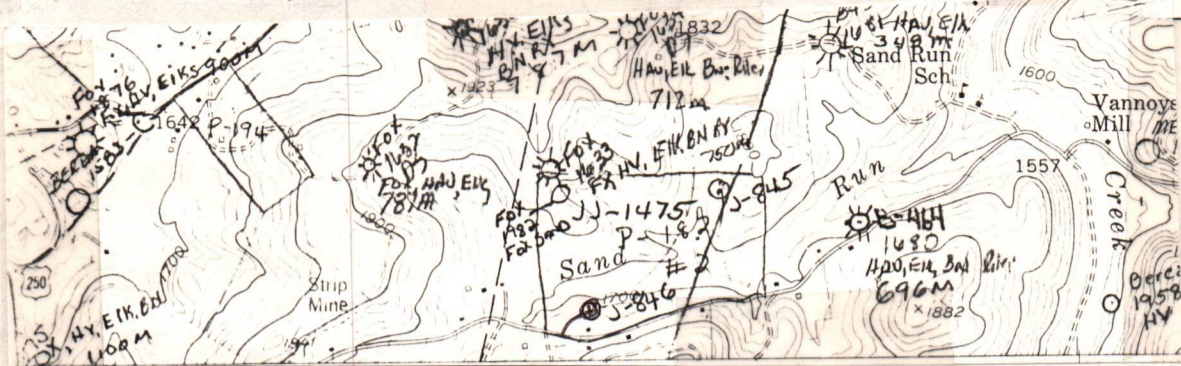
If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

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

LEGEND


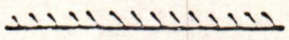
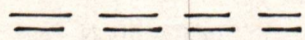



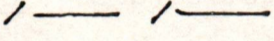


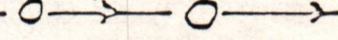
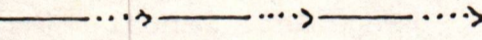
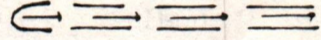
WELL SITE 

ACCESS ROAD 

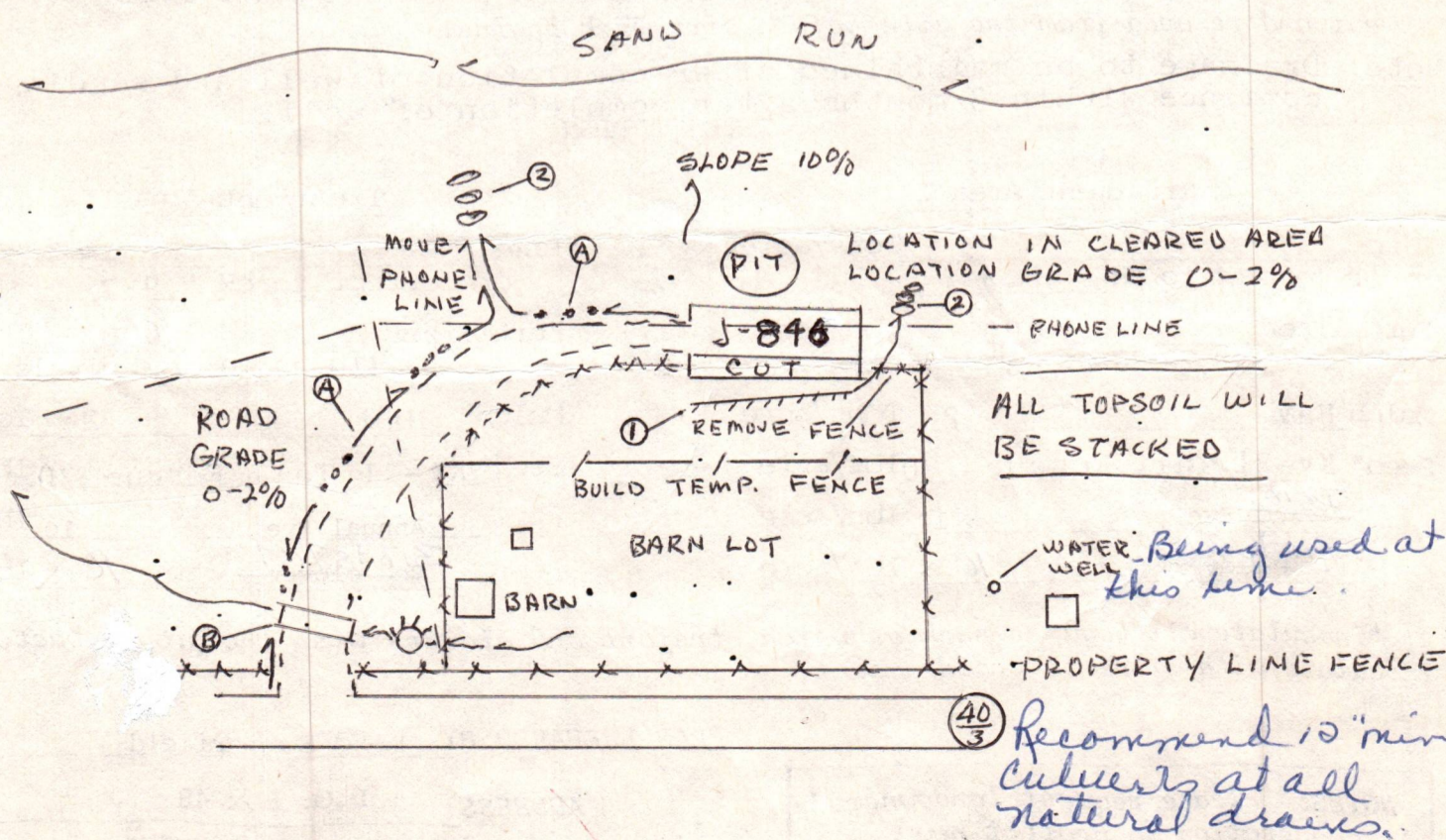


Sketch to include well location, existing access road, roads to be constructed, well drilling pits and necessary structures numbered or lettered to correspond with the part of this plan. Include all natural drainage.

LEGEND

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

All grades for location and road are indicated on drawing as well as sediment control structures. All timber will be cut and stacked. Access road subject to change between company and land owner or acquirement of "Right of Way." If changed, a revised plan will be submitted. All cuts on 2:1 slope.





IV-9
(Rev 8-81)

DATE December 21, 1983

WELL NO. J-846

State of West Virginia API NO. 47 - .001 - 2030

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J & J Enterprises, Inc.
Address P.O. Box 48
Telephone Buckhannon, WV 26201

DESIGNATED AGENT Richard M. Reddecliff
Address P.O. Box 48, Buckhannon, WV
Telephone 472-9403

LANDOWNER Woodrow Isner, Rt. 2, Philippi, WV 26416

SOIL CONS. DISTRICT Tygarts Valley

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

This plan has been reviewed by Tygarts Valley SCD. All corrections and additions become a part of this plan: 1/2/84 (Date)

Jean Freeman
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)
Spacing To be constructed along road
Page Ref. Manual 2-10

Structure Diversion Ditch (1)
Material soil
Page Ref. Manual 2-12

Structure Drainage Ditch (B)
Spacing To be constructed along road
Page Ref. Manual 2:10

Structure Rip-Rap
Material Logs or stone
Page Ref. Manual 2:12

Structure Road culvert (C)
Spacing Min. Size 15"
Page Ref. Manual 2:8

Structure Rip-Rap
Material Logs or stone
Page Ref. Manual N/A

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

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

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

Treatment Area I

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed* Ky-31 Tall Fescue 35 lbs/acre
Dom Annual Rye 10 lbs/acre
Birds foot Red clover 10 lbs/acre

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay 2 Tons/acre
Seed* Ky-31 Tall Fescue 35 lbs/acre
Annual Rye 10 lbs/acre
Birds foot Red clover 10 lbs/acre

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

PLAN PREPARED BY Ed Summerfield

ADDRESS P.O. Box 48
Buckhannon, WV 26201

PHONE NO. 472-9403

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

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
9-845
(See Reverse) 9-846

Sent to	Charles W. Jones
Street and No.	Rt. #2
P.O., State and ZIP Code	Philippi, WV 26416
Postage	\$.37
Certified Fee	.25
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 & Fees	\$1.22
Postmark or Date	JAN 25 1984 PH
J & J ENTERPRISES, INC. P. O. BOX 48 BUCKHANNON, WV 26201	

PS Form 3800, Feb. 1982

PS Form 3800, Feb. 1982

Sent to	Budget Coal Company
Street and No.	Rt. #3, Box 197
P.O., State and ZIP Code	Buckhannon, WV 26201
Postage	\$.37
Certified Fee	.25
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 & Fees	\$1.22
Postmark or Date	JAN 25 1984 PH
J & J ENTERPRISES, INC. P. O. BOX 48 BUCKHANNON, WV 26201	

471 414 324
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL 9-845
(See Reverse) 9-846

71 414 321
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL 9-845
(See Reverse) 9-846

PS Form 3800, Feb. 1982

Sent to	Charles W. Jones
Street and No.	Rt. #2
P.O., State and ZIP Code	Philippi, WV 26416
Postage	\$.37
Certified Fee	.25
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 & Fees	\$1.22
Postmark or Date	JAN 25 1984 PH
J & J ENTERPRISES, INC. P. O. BOX 48 BUCKHANNON, WV 26201	

BUCKHANNON, WV 26201
JAN 25 1984 PH
J & J ENTERPRISES, INC.
P. O. BOX 48
BUCKHANNON, WV 26201

PS Form 3800, Feb. 1982

Sent to	Raymond K. Bogert, Sr. c/o Eastern Energy
Street and No.	Rt. #6, Box 443
P.O., State and ZIP Code	Buckhannon, WV 26201
Postage	\$.37
Certified Fee	.25
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 & Fees	\$1.22
Postmark or Date	JAN 25 1984 PH
J & J ENTERPRISES, INC. P. O. BOX 48 BUCKHANNON, WV 26201	

471 414 320
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL 9-845
(See Reverse) 9-846

RECEIVED
JAN 27 1984
GAS DIVISION
OF MOUNTAIN STATE

RECEIVED
JAN 27 1984

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

Haverty: Perforations: 5101-31 (14 holes)
Fracturing: 100 sks. 80/100 sand: 350 sks. 20/40 sand.
2nd Elks: Perforations: 4571-4703 (14 holes)
Fracturing: 65 sks. 80/100 sand: 300 sks. 20/40 sand: 500 gal. acid.
3rd Elks: Perforations: 4247-4353 (14 holes)
Fracturing: 65 sks. 80/100 sand: 300 sks. 20/40 sand: 500 gal. acid.
Riley: Perforations: 3616-81 (14 holes)
Fracturing: 65 sks. 80/100 sand: 300 sks. 20/40 sand: 500 gal. acid:

BOTTOM HOLE PRESSURE $P_f = P_{we}^{XGLS}$

$$t = 60 + (0.0075 \times 5268) + 459.7 = 559 \quad x = 53.35 \times 559 = \frac{1}{29834} = 0.000034 \quad P_f = 1200 \times 2.72 \quad (0.000034)$$

$$(.585)(4378)(0.9) = 1200 \times 2.72^{0.08} = 1200 \times 1.08 =$$

Pf=1300 psi

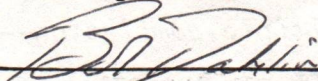
WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay			0	5	
Sand & shale			5	62	Damp @ 40'
Coal			62	65	
Shale			65	76	½" stream @ 140'
Coal			76	80	
Sand & shale			80	120	Gas ck @ 1308 No show
Coal			120	127	
Shale & sand			127	159	Gas ck @ 2943 2/10-½" w/water 2,533 cu.ft.
White sand			159	296	
Sand & shale			296	367	
Black shale			367	400	Gas ck @ 3713 6/10-½" w/water 4,611 cu.ft.
Black shale, sand & shale			400	580	
Red rock & shale			580	630	
Shale, sand & red rock			630	665	Gas ck @ 3971 4/10-½" w/water 3,785 cu.ft.
Red rock, sand & shale			665	751	
Sand & shale			751	775	
Red rock & white sand			775	915	Gas ck @ 4165 No show
Red rock & shale			915	980	
Lime			980	997	Gas ck @ 5118 4/10-½" w/water 3,785 cu.ft.
Shale			997	1017	
Big Lime & Injun			1017	1266	
Shale, lime & sand			1266	1525	Gas ck @ 5310 4/10-½" w/water 3,785 cu.ft.
Sand, shale & red rock			1525	3073	
Shale & sand			3073	3616	
Riley			3616	3681	
Sand & shale			3681	4247	
Elks			4247	4353	
Sand & shale			4353	4571	
Elks			4571	4703	
Sand & shale			4703	5101	
Haverty			5101	5131	
Sand & shale			5131	5564	T.D.

(Attach separate sheets as necessary)

J&J Enterprises, INC.

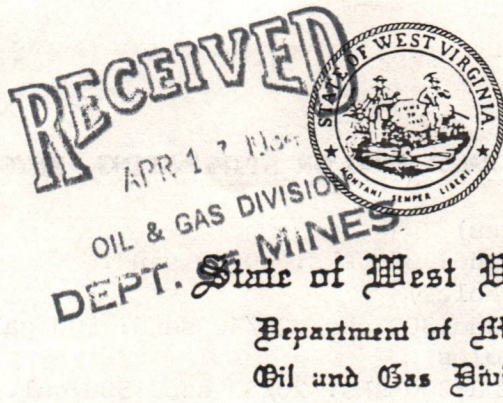
Well Operator

By: 

Date: 4/16/84

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

IV-35
(Rev 8-81)



Date April 16, 1984
Operator's _____
Well No. J-846
Farm Charles Isner
API No. 47 - 001 - 2030

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: 1745 Watershed Sand Run
District: Glade County Barbour Quadrangle Nestorville

COMPANY J&J Enterprises, Inc.
ADDRESS P.O. Box 48, Buckhannon, WV 26201
DESIGNATED AGENT Richard Reddecliff
ADDRESS P.O. Box 48, Buckhannon, WV 26201
SURFACE OWNER Charles W. Isner
ADDRESS Rt. # 2, Philippi, WV 26416
MINERAL RIGHTS OWNER Same as surface
ADDRESS _____

OIL AND GAS INSPECTOR FOR THIS WORK Phillip Tracy
ADDRESS Forest Festival Terrace Apt. 24, Elkins, WV 26241
PERMIT ISSUED 2/14/84
DRILLING COMMENCED 3/21/84
DRILLING COMPLETED 3/29/84

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"	30	0	0 sks.
9 5/8			
8 5/8	907.85	907.85	260 sks.
7			
5 1/2			
4 1/2	5267.90	5267.90	450 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Fox Depth _____ feet
Depth of completed well -564 feet Rotary x / Cable Tools _____
Water strata depth: Fresh 140 feet; Salt 0 feet
Coal seam depths: 62-65,76-80,120-27 Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Haverty Pay zone depth 5101-31 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Combined Final open flow 311 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1200 psig (surface measurement) after 96 hours shut in
(If applicable due to multiple completion--)
3616-81
4247-4353
Second producing formation Elks, & Riley Pay zone depth 4571-4703 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)

B&A 2030

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

RECEIVED
MAR 29 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2030

Oil or Gas Well _____
(KIND)

Company J + J Enterprises
 Address _____
 Farm Charles Isner
 Well No. J 846
 District Glade County Barbour
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

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

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

Drillers' Names _____

Remarks: Slarby hole

3-22-84
DATE

Philip L. Lacy
DISTRICT WELL INSPECTOR

2/16/82

RECEIVED

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

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

DISTRICT WELL INSPECTOR

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

RECEIVED
JUN 27 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 001-2030

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>ISONER</u>	13			
Well No. <u>J-846</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 _____

Remarks: Part of Area NOT checked.

6/25/84

DATE

RG Bease

DISTRICT WELL INSPECTOR

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 20 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 001-2030

Oil or Gas Well _____
(KIND)

Company <u>J & J</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>6th ISNER</u>	Size			
Farm _____	16			Kind of Packer _____
Well No. <u>J-846</u>	13			
District _____ County <u>001</u>	10			Size of _____
Drilling commenced _____	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 _____

Remarks: Checked Reclamation - very poor growth & cover -

7/18/84

DATE

R G Beane 501

DISTRICT WELL INSPECTOR

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

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks:

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

DISTRICT WELL INSPECTOR



RECEIVED
JUN 4 - 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
April 23, 1984

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

PERMIT NO 001-2030 (2-14-84)
FARM & WELL NO Charles Isner #J-846
DIST. & COUNTY Glade/Barbour

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

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

SIGNED *Donald Bell*

DATE 5-30-85

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

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

June 7, 1985

DATE

RECEIVED

MAY -1 1984

FERC-121

1.0 API well number: (If not assigned, leave blank. 14 digits.)		47 - 001 - 2030 - 0000		OIL & GAS DIVISION DEPT. OF M	
2.0 Type of determination being sought: (Use the codes found on the front of this form.)		103 Section of NGPA	N/A Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)		4703 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)		J & J Enterprises, Inc. Name P.O. Box 697 Street Indiana City		009480 Seller Code	Pa. 15701 State Zip Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)		Glade Field Name Barbour County		WV State	
(b) For OCS wells:		N/A Area Name		Block Number	
		Date of Lease: Mo. Day Yr.		OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)		J-846			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)		N/A			
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)		Tennessee Gas Pipeline Company Name		Buyer Code	
(b) Date of the contract:		Mo. Day Yr.			
(c) Estimated total annual production from the well:		Million Cubic Feet			
		(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)		S/MMBTU 2.879	278	---	3.157
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)		S/MMBTU 2.879	278	---	3.157
9.0 Person responsible for this application:		Richard J. Kline Name		Secretary Title	
Agency Use Only		Signature <i>Richard J. Kline</i>			
Date Received by Juris. Agency MAY -1 1984		4-23-84 Date Application is Completed		(412) 349-6800 Phone Number	
Date Received by FERC					

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 274.501. 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:

1001 - YAM

DATE: **MAY 30 1984**

BUYER-SELLER COL

PARTICIPANTS:

WELL OPERATOR: _____

FIRST PURCHASER: _____

OTHER: _____

J & J Enterprises, Inc
Tennessee Gas Pipeline Co.

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

840501-103-001-2030

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

QUALIFIED

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

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

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

Date April 23, 1984
Operator's Well No. J-846
API Well No. 47 - 001 - 2030
State - County - Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

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

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

LOCATION: Elevation 1745
Watershed Sand Run
Dist Glade County Bourbon Quad Pesterville

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

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

* * * * *

Date surface drilling was begun: March 21, 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
 $t=60+(0.0075 \times 5268)+459.7=559$ $X=\frac{1}{53.35} \times 559 = \frac{1}{29834}$ $= 0.000034$ Pf=1200 x 2.72 (0.000034)
 $(.585)(4378)(0.9) = 1200 \times 2.72^{0.08} = 1200 \times 1.08 =$
Pf=1300 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 was 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 23 day of April, 1984, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 23 day of April, 1984. My ~~XXXXXX~~ expires on the 23 day of January, 1988.
Commission

[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

Date April 23, 1984

Operator's Well No. J-846

API Well No. 47 - 001 - 203
State County Perm

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. (If Applicable)

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.) Section of NGPA _____
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

103

N/A

Category Code

Name (Print) Richard J. Kline

Secretary Title

Signature Richard J. Kline

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

012 349-6800
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): or 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

MAY - 1 1984

Director

By _____
Title _____

Date received by
Jurisdictional Agency

FERC-121

1.0 API well number (If not available, leave blank. 11 digits.)	47-001-2030			
2.0 Type of determination being sought. (Use the codes found on the front of this form.)	108 Section of NGPA	N/A Category Code		
3.0 Depth of the operating completion location. (Only use if sections 103 or 107 in 2.0 above.)	4703 feet			
4.0 Name, address and code number of applicant. (35 letters per line maximum. If code number not available, leave blank.)	J & J Enterprises, Inc. Name		009480 Section Code	
	P.O. Box 697 Street			
	Indiana, PA	15701 City State Zip Code		
5.0 Location of this well. (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	Glade Field Name		WVA State	
(b) For OCS wells:	N/A Area Name		Block Number	
	Date of Lease: Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well. (35 letters and digits maximum.)	J-846			
(d) If code 4 or 5 in 2.0 above, name of the reservoir. (35 letters maximum.)	N/A			
6.0 (a) Name and code number of the purchaser. (35 letters and digits maximum. If code number not available, leave blank.)	Tennessee Gas Pipeline Co. Name Section Code			
(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.)	4.274	.278	---	4.552
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	4.274	.278	---	4.552
9.0 Person responsible for this application	Richard J. Kline Secretary			
Agency Use Only Date Received by Joint Agency JUL - 3 1985 Date Received by FERC	Name Richard J. Kline Signature		Title	
	6-24-85 Date Preparation is Completed		(412) 349-6800 File Number	

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? _____

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, Vicki 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.

Vicki L. Vanderberg
VICKI L. VANDERBERG, NOTARY PUBLIC
Notary Public INDIANAPOLIS, 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-246

API Well No. 47 - 001 - 2030
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 1745

Watershed Sand Run
Dist. Glade County Barbour Nestorville Quad.

Gas Purchase Contract No. 1523

Meter Chart Code 991716

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? May 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
(1-1) (2-1)

production period, what was the total and average per-day production? The well produced a total of 1871 MCF or average 21 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.
(month-day-year) (month-day-year)

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

JUL 30 1985

2-844

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

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER
850703-1080-001-2030
Use Above File Number on all
Communications Relating to This Well

Gas Purchaser Contract No. _____
Date of Contract _____
(Month, day and year)

Designated Agent: Richard Reddecliff
Address: P.O. Box 48
Buckhannon, WVA 26201

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

FERC Buyer Code _____

FERC Seller Code _____

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

Name: Vicki Vanderberg
(Print) _____ (Title) _____
Signature: *Vicki Vanderberg*
Address: P.O. Box 697
(Street or P.O. Box)
Indiana, PA. 15701
(City) (State) (Zip Code)
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
- 103 New Onshore Production Well
 - 103 New Onshore Production Well
- 07 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

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

AGENCY USE ONLY

Have been checked by me
Richard Reddecliff
QUALIFIED
6/24/85
(only)
f

RECEIVED

JUL 3 1985
OIL & GAS DIV.
DEPT. OF MINES

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

J-846

J. & J. ENTERPRISES, INC.
P.O. BOX 697
INDIANA, PA 15701

OPERATOR _____
YEAR 19 84

API 001-2030 FARM L. 15052 # COUNTY Barbour AVG. FLOW PRESSURE _____ SHUT-IN PRESSURE _____
GAS MCF _____
OIL BBL J- _____ F- _____ M- _____ A- _____ J- _____ J- _____ A- _____ S- _____ O- _____ N- _____ D- _____
DAYS ON LINE _____ 31 30 31 31 30 31 30 31 30 31 30
GAS _____ OIL _____

TOTALS
GAS 9431
OIL 0
214

YEAR 19 85

Well in use 5/16/84

API _____ FARM _____ COUNTY _____ AVG. FLOW PRESSURE _____ SHUT-IN PRESSURE _____
GAS MCF 879 470 796 605 656 _____
OIL BBL J- _____ F- _____ M- _____ A- _____ J- _____ J- _____ A- _____ S- _____ O- _____ N- _____ D- _____
DAYS ON LINE 30 31 28 31 30 _____

TOTALS
GAS 2150
OIL 0
130

YEAR 19 _____ FARM _____ COUNTY _____ AVG. FLOW PRESSURE _____ SHUT-IN PRESSURE _____
GAS MCF _____
OIL BBL J- _____ F- _____ M- _____ A- _____ J- _____ J- _____ A- _____ S- _____ O- _____ N- _____ D- _____
DAYS ON LINE _____

TOTALS
GAS _____
OIL _____

API NUMBERS

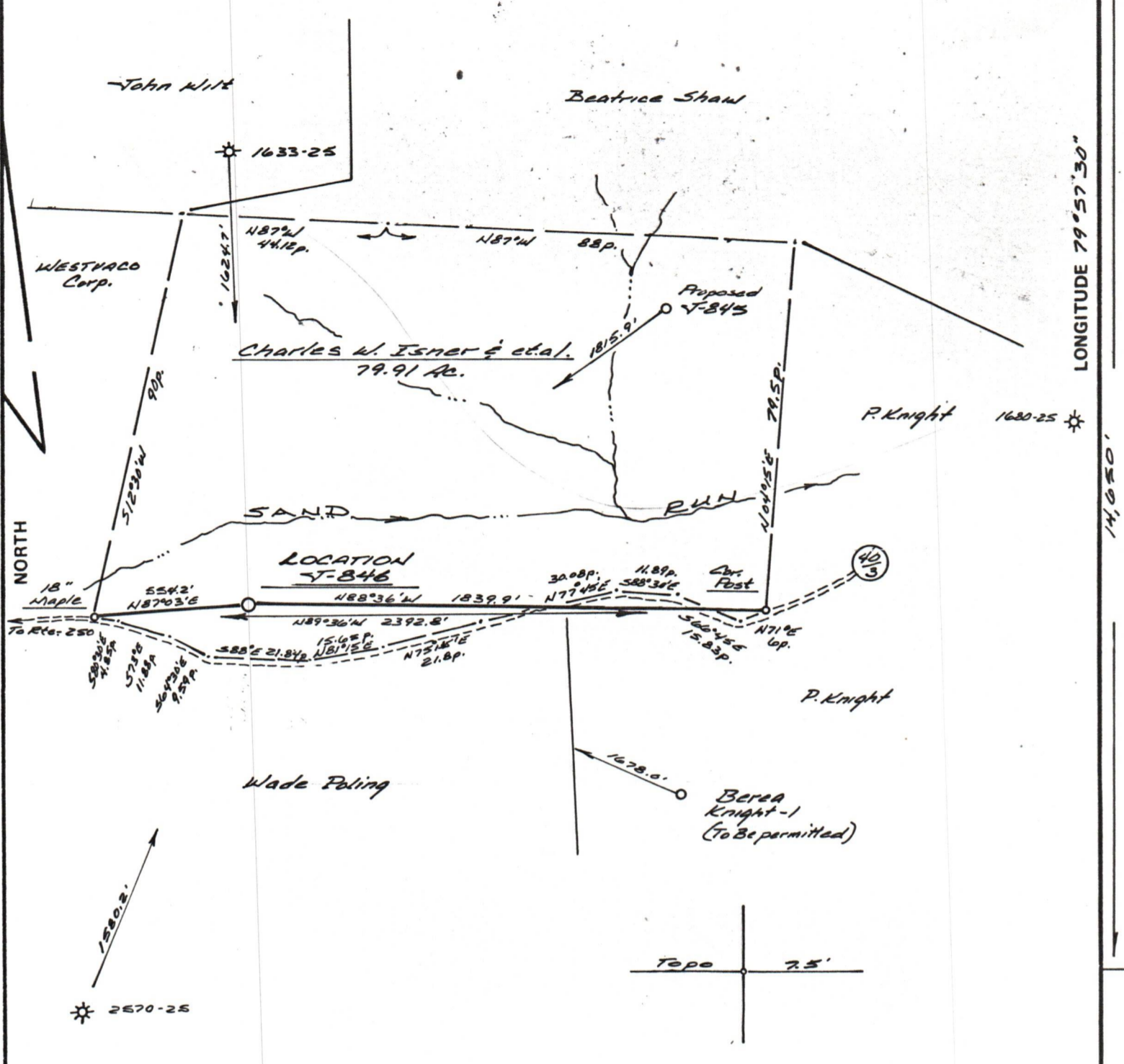
SUMMARIZATION SCHEDULE
Section 271.804 (b)

D/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.

5,100'
LATITUDE 37°10'00"

LONGITUDE 79°57'30"



FILE NO. 346.01
 DRAWING NO. 83-100
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION BM-1557' at Kanny's Mill.

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 K. Ostrander
 R.P.E. Buckhannon, WV L.L.S. 555

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 3 December, 19 83
 OPERATOR'S WELL NO. Y-846
 API WELL NO. 47-001-2030
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1745' WATER SHED Sand Run
 DISTRICT Glade COUNTY Barbour
 QUADRANGLE Nestorville
 SURFACE OWNER Charles W. Isner & et.al. ACREAGE 79.91
 OIL & GAS ROYALTY OWNER Charles W. Isner & et.al. LEASE ACREAGE 79.91
 LEASE NO. Y-1475
 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 5600'
 WELL OPERATOR Sand Enterprises Inc. DESIGNATED AGENT RICHARD REDDEKIEF
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201

FORM IV-6 (8-78)