



1) Date: March 6, 19 84
 2) Operator's Well No. JK-867
 3) API Well No. 47 - 033 - 3002
 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: 1240 Watershed: Patterson Fork
 District: Tenmile County: Harrison Quadrangle: Salem 7.5'
- 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 Stephen Casey Name S.W. Jack Drilling Co.
 Address Rt. # 2, Box 232-D Address P.O. Box 48
Jane Lew, WV 26378 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) Alexander
- 11) GEOLOGICAL TARGET FORMATION, Alexander
- 12) Estimated depth of completed well, 5450 feet
- 13) Approximate trata depths: Fresh, 115 feet; salt, 0 feet.
- 14) Approximate coal seam depths: 500 Is coal being mined in the area? Yes / No

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 MAR 9 - 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	113/4	H-40	42	X		30	0	0 sks.	Kinds
Fresh water	85/8	ERW	23	X		1500 <u>1340'</u>	1500 <u>1340'</u>	To surface	<u>NEAT</u>
Coal	85/8	ERW	23	X		1500	1500	To surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	X		5400	5400	425 sks.	Depths set
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-033-3002 Date March 26, 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 March 26, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: <u>[Signature]</u>	Plat: <u>MD MW</u>	Casing	Fee <u>1463</u>
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[Signature]
 Administrator, Office of Oil and Gas

3/24



OFFICE USE ONLY

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

1) LOCATION: Well No. _____, County _____, District _____, Elevation _____, Direction _____, Diameter _____, Production _____, B (If Gas, Production _____, Underground storage _____, Dip _____, Shallow _____)

2) WELL OPERATOR: Name _____, Address _____, City _____, State _____, Zip _____

3) DESIGNATED AGENT: Name _____, Address _____, City _____, State _____, Zip _____

4) DRILLING CONTRACTOR: Name _____, Address _____, City _____, State _____, Zip _____

5) PROPOSED WELL WORK: Drill _____, Depth _____, Purpose of the formation _____, Other physical change in well (specify) _____

6) GEOLOGICAL TARGET FORMATION: Estimated depth of completed well _____, Approximate gas depth _____, Approximate coal seam depth _____, Casing and tubing program _____

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OIL & GAS DIVISION
DEPT. OF MINES

FORMATION	DEPTH (feet)	THICKNESS (feet)	SPECIFICATIONS		CASING TYPE	TUBING TYPE
			Grade	Weight		
Coal	23	23	23	23	23	23
Shale	23	23	23	23	23	23
...

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
MARKET				

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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

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

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
J. Moses Raad 60 Terrace Ave. Salem, WV 26426	J&J Enterprises, Inc.	1/8-100%	; 20	56

1) Date: March 6, 1984
2) Operator's Well No. JK-867
3) API Well No. 47 - 033 - 3002
State County Permit

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

1) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Ford Brown
Address Rt. # 1
Salem, WV 26426
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name Lowndes Bank
Address Third & Pike St.
Clarksburg, WV 26301

Name _____
Address _____

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

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

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

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



OIL & GAS DIVISION
DEPT. OF MINES

6) DURATION RIGHTS

Check and provide one of the following:

- Included in 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

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

This 6 day of March, 1984.
My commission expires 10/16, 1989.

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

LEGEND


WELL SITE 


ACCESS ROAD 





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


LEGEND

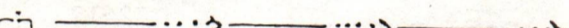
Property boundary 

Road 

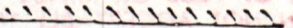
Existing fence 


Planned fence 


Stream 


Open ditch 


THIS REVIEW IS MADE FOR SITE AS SHOWN. A CHANGE OF ELEVATION OF PITS OR MINOR PERCENT MAKES THIS PLAN INVALID.


Diversion 

Spring 

Wet spot 

Building 

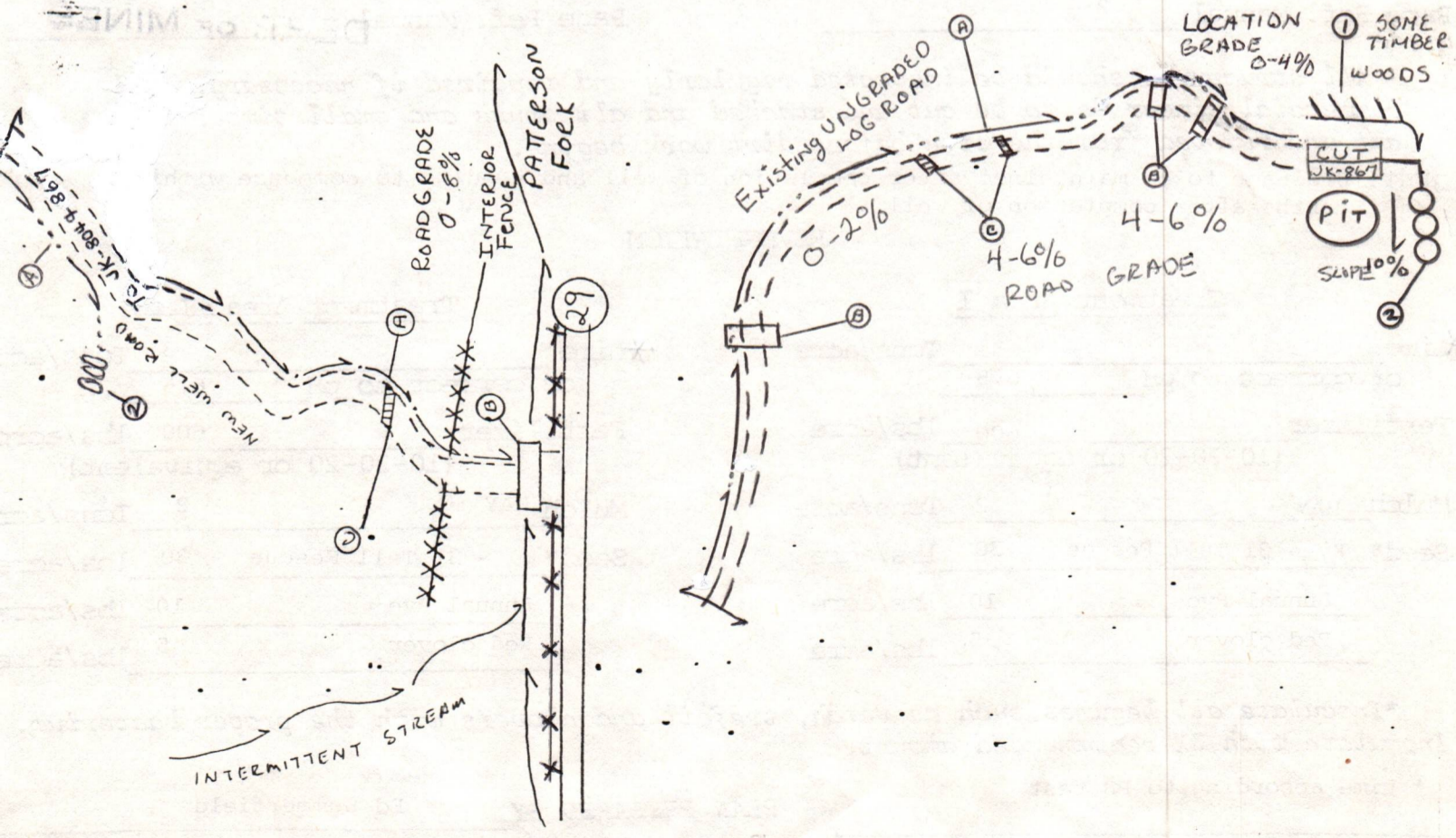
Drain pipe 

Waterway 

Note! ALL TOP SOIL TO BE STACKED FOR RECLAMATION WORK.

Access road will follow new well road for most part. 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.



State of West Virginia

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J & J Enterprises, Inc.
Address P.O. Box 48 Buckhannon, WV 26201
Telephone 472-9403

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

LANDOWNER Ford Brown, Rt. # 1, Salem, WV 26426

SOIL CONS. DISTRICT West Fork

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

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan: 2/28/84 (Date)

THIS REVIEW IS MADE FOR SITE AS SHOWN. A CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT. OR SLOPE OF PLUS OR MINUS 3 PERCENT MAKES THIS PLAN NOT ACCEPTABLE TO WFSCD.

Kenneth E Knight ON SITE REVIEW 2/27/84
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)
(Inside road cuts)
Spacing To be constructed along road
Page Ref. Manual 2-12

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

Structure Road Culverts (B)
(according to Oil & Gas Manual at natural drains)
Spacing Min. Size 15" I.D.
Page Ref. Manual 2:8

Structure Rip-Rap (2)
Material Logs or stone
Page Ref. Manual N/A

Structure Cross relief drains (C)
Spacing 40' - 200' apart depending on grade
Page Ref. Manual 2:4

Structure (3)
Material (3)
Page Ref. Manual (3)

RECEIVED
MAR 9 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

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

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

REVEGETATION

Treatment Area I

Treatment Area II

*Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch HAY 2 Tons/acre
Seed* Ky - 31 Tall Fescue 30 lbs/acre
Annual Rye 10 lbs/acre
Red clover 5 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 30 lbs/acre
Annual Rye 10 lbs/acre
Red clover 5 lbs/acre

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

* Lime according to PH test

PLAN PREPARED BY Ed Summerfield

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

ADDRESS P.O. Box 48
Buckhannon, WV 26201



J & J ENTERPRISES, INC.

P. O. BOX 48, BUCKHANNON, WEST VIRGINIA 26201 · TEL. 304/472-9403-09

September 13, 1985

West Virginia Dept. of Energy
Oil and Gas Division
307 Jefferson Avenue
Charleston, West Virginia 25311
Attn: Charlotte

RECEIVED
SEP 16 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Dear Charlotte:

Please cancel the following permits and release the bonds for we do not intend to drill these tracts.

JK-866	033-3005 ✓
JK-867	033-3002 ✓
JK-868	033-2997 ✓
JK-869	033-3006 ✓
JK-871	033-3003 ✓
JK-874	033-3004 ✓
J-1024	001-2118 ✓

Thank you very much.

Sincerely,

J & J ENTERPRISES, INC.

Joyce Davis
Land Department

Enclosure
jd

P471 414 355
 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL QK-871

(See Reverse) 366, 820, 834
 366, 820, 834

PS Form 3800, Feb. 1982

Sent to	Sommers Bank	
Street and No.	Thacker Pike Rt.	
P.O., State and ZIP Code	Clarksburg WV 26301	
Postage	\$1.22	
Certified Fee	.25	
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to whom and Date Delivered		60
Return Receipt Showing to whom and Date Delivered		
Date, and Address of Returner	J & J ENTERPRISES, INC. P.O. BOX 15884 BUCKHARTSON, WV 26201	
TOTAL Postage	\$1.47	
Postmark or Date	MAY 15 1984	

P471 414 356
 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL QK-871

(See Reverse) 366, 820, 834
 366, 820, 834

PS Form 3800, Feb. 1982

Sent to	Food Barn	
Street and No.	Rt. #1	
P.O., State and ZIP Code	Auburn, WV 26426	
Postage	\$1.22	
Certified Fee	.25	
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to whom and Date Delivered		60
Return Receipt Showing to whom and Date Delivered		
Date, and Address of Returner	J & J ENTERPRISES, INC. P.O. BOX 15884 BUCKHARTSON, WV 26201	
TOTAL Postage and Postmark	\$2.47	
Postmark or Date	MAY 15 1984	

RECEIVED
 MAY 15 1984

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION
STATUS INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

Permit No. 033-3002 County. Harrison
 Company. J & J Enterprises, INC. Farm. Ford Brown
 Inspector. Stephen Casey Well No. Raad # JK-867
 Date. September 23, 1984 Issued. 3/26/84

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 type="checkbox"/>	<input type="checkbox"/>
25.03	High-Pressure Drilling	<input type="checkbox"/>	<input type="checkbox"/>
16.01	Required Permits at Wellsite	<input type="checkbox"/>	<input type="checkbox"/>
15.03	Adequate Fresh Water Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.02	Adequate Coal Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.01	Adequate Production Casing	<input type="checkbox"/>	<input type="checkbox"/>
15.04	Adequate Cement Strength	<input type="checkbox"/>	<input type="checkbox"/>
23.02	Maintained Access Roads	<input type="checkbox"/>	<input type="checkbox"/>
25.01	Necessary Equipment to prevent Waste	<input type="checkbox"/>	<input type="checkbox"/>
23.03	Reclaimed Drilling Site	<input type="checkbox"/>	<input type="checkbox"/>
23.04	Reclaimed Drilling Pits	<input type="checkbox"/>	<input type="checkbox"/>
23.05	No Surface or Underground Pollution	<input type="checkbox"/>	<input type="checkbox"/>
7.03	Identification Markings	<input type="checkbox"/>	<input type="checkbox"/>

COMMENTS: Company States well not drilled - Please cancel permit if location
is not disturbed...

I have inspected the above well and (Have/Have Not) found it to be in compliance with all of the rules and regulations of the Division of Oil & Gas - Department of Energy of the State of West Virginia.

SIGNED: Steve Casey
 DATE: 10-10-85



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia 25311
Telephone: 348-3500

October 22, 1985

ARCH A. MOORE, JR.
Governor

J & J Enterprises, Incorporated
Post Office Box 48
Buckhannon, West Virginia 26201

In Re: Permit No: 47-033-3002
Farm: Ford Brown
Well NO: JK-867
District: Tenmile
County: Harrison
Issued: 3-26-84

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

The well designated by the above captioned permit number has been released under XXXX your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

XXXX PERMIT CANCELLED - NEVER DRILLED

Respectively,

A handwritten signature in black ink, appearing to read "T.M. Streit".

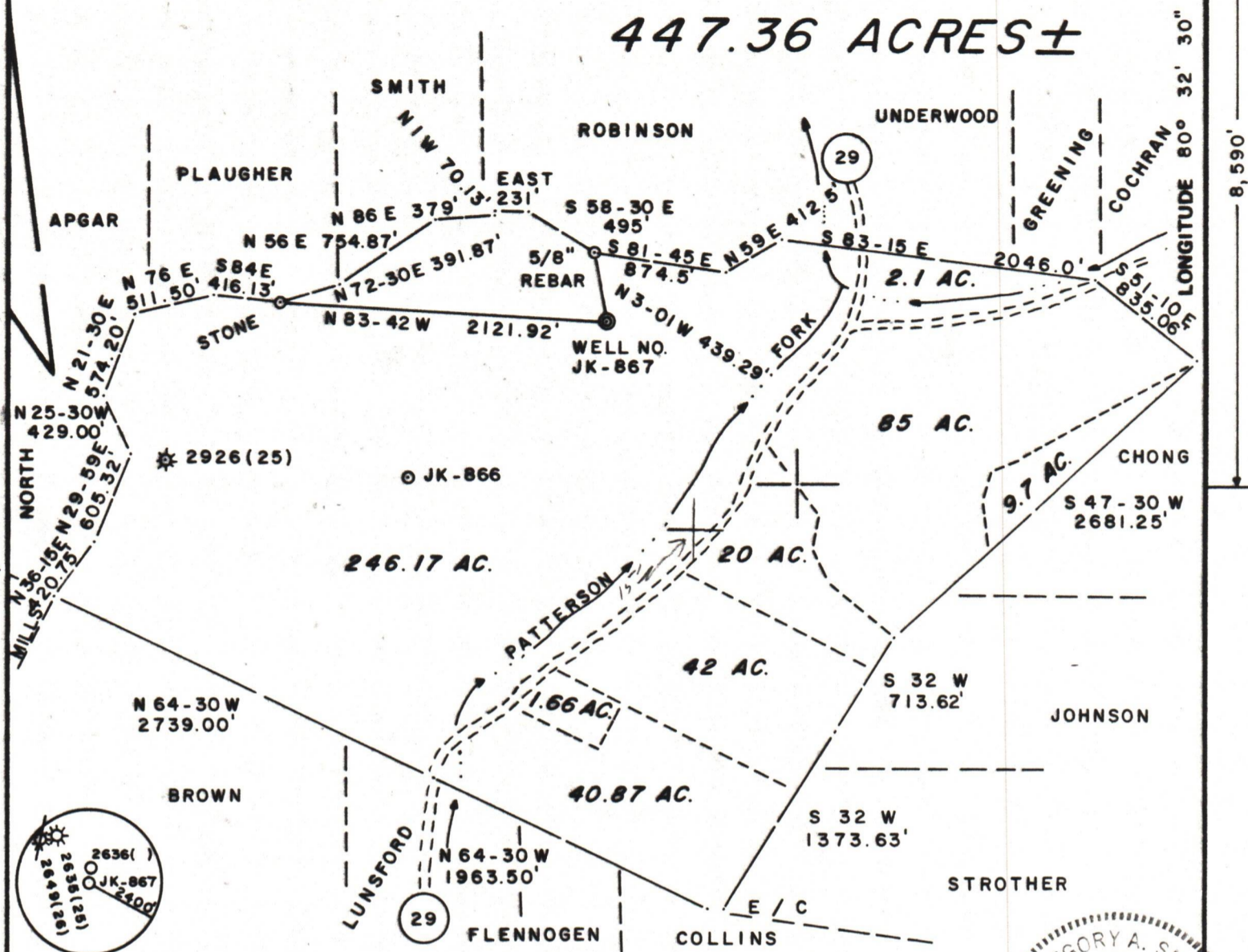
Theodore M. Streit

TMS/ nw

LATITUDE 39° 17' 30"

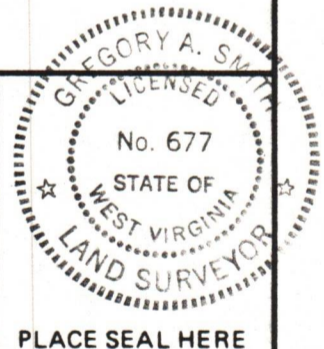
RAAD LEASE WELL NO. JK-867

447.36 ACRES ±



FILE NO. 13-4
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION SPOT TOP OF KNOB ELEV. 1510'

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



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



DATE JAN 30, 19 84
 OPERATOR'S WELL NO. JK-867
 API WELL NO. 47-033-3002
 STATE WEST VIRGINIA COUNTY HARRISON PERMIT Cancelled

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1240' WATER SHED PATTERSON FORK
 DISTRICT TENMILE COUNTY HARRISON
 QUADRANGLE SALEM 7.5'
 SURFACE OWNER FORD BROWN ACREAGE 246.17
 OIL & GAS ROYALTY OWNER J. MOSES RAAD LEASE ACREAGE 447.36
 LEASE NO. JK-1
 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 ALEXANDER ESTIMATED DEPTH 5450'
 WELL OPERATOR J & J ENTERPRISES, INC. DESIGNATED AGENT RICHARD M. REDDECLIFF
 ADDRESS P. O. BOX 48 ADDRESS P. O. BOX 48
BUCKHANNON, WV 26201 BUCKHANNON, WV 26201

HARR 3002