



1) Date: April 17, 19 84  
 2) Operator's Well No. J-911  
 3) API Well No. 47 001 2056  
                             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: 1825 Watershed: Laurel Run  
 District: Philippi County: Barbour Quadrangle: Belington
- 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 Company  
 Address Forest Festival Terrace Apt. 24 Address P.O. Box 48  
Elkins, WV 26241 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate   
 Plug off old formation  / Perforate new formation  /  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Fox
- 12) Estimated depth of completed well, 5250 feet
- 13) Approximate trata depths: Fresh, 35, 255 feet; salt, 0 feet.
- 14) Approximate coal seam depths: 200, 530, 655 Is coal being mined in the area? Yes \_\_\_\_\_

**RECEIVED**  
 APR 19 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4	H-40	42	x		30	0	0 sks.	Kinds
Fresh water	8 5/8	ERW	23	x		900	900	To surface	<u>NEAT</u>
Coal	8 5/8	ERW	23	x		900	900	To surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5200	5200	350 sks.	Depths set
Tubing									<u>or as req. by rule 15.01</u>
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-001-2056 Date May 11 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 May 11, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BLANKET</b>	Agent: <u>LD</u>	Plat: <u>MH</u>	Casing <u>MH</u>	Fee <u>1515</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



OFFICE USE ONLY

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

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OIL & GAS DIVISION  
DEPT. OF MINES

1) WELL LOCATION: 2) WELL OPERATOR: 3) DRILLING CONTRACTOR: 4) PROPOSED WELL WORK: 5) GEOLOGICAL TARGET FORMATION: 6) APPROXIMATE DEPTH OF COMPLETED WELL: 7) APPROXIMATE DEPTH OF FRESH WATER: 8) APPROXIMATE COAL SEAM DEPTH: 9) CASTING AND TUNING PROGRAM: 10) OTHER PHYSICAL CHANGES (IF ANY):

Table with columns: CASING OR TUBING (FT), SIZE, LOGS, HEIGHT (FT), DIST. (FT), FOR. CHG. (FT), PRODUC. INTERVALS, CEMENT PLUGS OR PACKERS (IF APPLICABLE), PACKERS.

OFFICE USE ONLY

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

Table with columns: Date, Date(s). Rows include: Application received, Well work started, Completion of the drilling process, Well Record received, Reclamation completed.

OTHER INSPECTIONS

Reason: [Signature] Reason: [Signature]

1) Date: April 17, 1984  
2) Operator's Well No. J-911  
3) API Well No. 47 001 2056  
State County Perm

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

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

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

(i) Name John C. Poling  
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 Eastern Assoc. Coal Corp.  
Address 1700 Coppers Building  
Sarah Mellon Scaife Fdn. Pittsburgh, Pa. 15219  
P.O.Box 268 Name Charleston National Bank  
Pittsburgh, Pa Address Charleston, WV 25311  
15230

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 comments:

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

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APR 19 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

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) DERIVATION 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 my County and State by

Richard Reddecliff

is 17 day of April, 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 Richard M. Reddecliff  
Its Designated Agent  
Address P.O. Box 48  
Buckhannon, WV 26201  
Telephone 472-9403

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

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-9a from the owner of any water well on dwelling within 200 feet of the proposed well.

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

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

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

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

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

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
L.L. Moss & D.Kent Moss	J&J Enterprises, Inc.	All of 1/8-100%		



1) Date: April 17, 19 84  
 2) Operator's Well No. J 911  
 3) API Well No. 47 State 001 County Belington Permit 2056

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 x / Underground storage          / Deep          / Shallow x /)  
 5) LOCATION: Elevation: 1825 Watershed: Laurel Run  
 District: Philippi County: Barbour Quadrangle: Belington  
 6) WELL OPERATOR J&J Enterprises, Inc. 7) DESIGNATED AGENT Richard Roddecliff  
 Address P.O. Box 48 Address P.O. Box 48  
Buckhannon, WV 26201 Buckhannon, WV 26201  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Phillip Tracy Name S.W. Jack Drilling Company  
 Address Forest Festival Terrace Apt. 24 Address P.O. Box 48  
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, 5250 feet  
 13) Approximate strata depths: Fresh, 35, 255 feet; salt, 0 feet.  
 14) Approximate coal seam depths: 200, 530, 655 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	<u>1 1/4</u>	<u>H-40</u>	<u>42</u>	<u>x</u>		<u>30</u>	<u>0</u>	<u>0</u> sks.	Kinds
Fresh water	<u>8 5/8</u>	<u>ERW</u>	<u>23</u>	<u>x</u>		<u>900</u>	<u>900</u>	To surface	Sizes
Coal	<u>8 5/8</u>	<u>ERW</u>	<u>23</u>	<u>x</u>		<u>900</u>	<u>900</u>	To surface	Depths set
Intermediate									Perforations:
Production	<u>4 1/2</u>	<u>J-55</u>	<u>10.5</u>	<u>x</u>		<u>5200</u>	<u>5200</u>	<u>350</u> sks.	Top
Tubing									Bottom
Liners									

DEPT. OF MINES  
 OIL & GAS DIVISION  
 RECEIVED  
 APR 24 1984

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

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

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

WAIVER

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

Date: Apr 19, 19 84

Eastern Associated Coal Corp.  
 By Richard D. Eddy Jr.  
 Its Manager of Properties

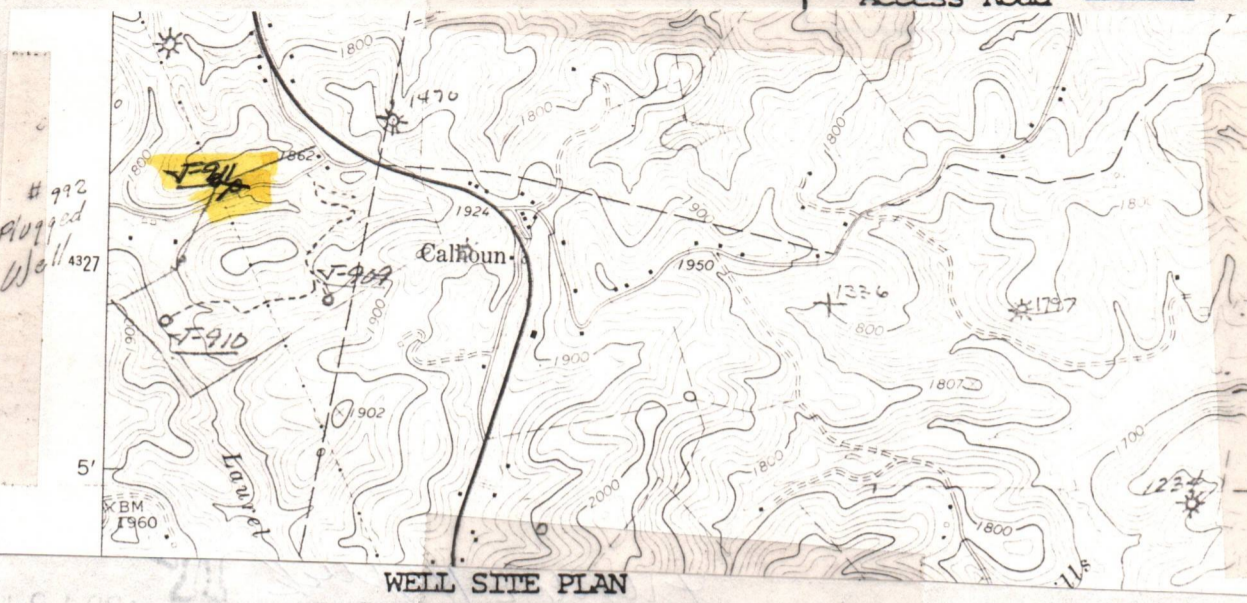
Coal Owner

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE BELINGTON 2.5'

LEGEND

Well Site ⊕

Access Road ———



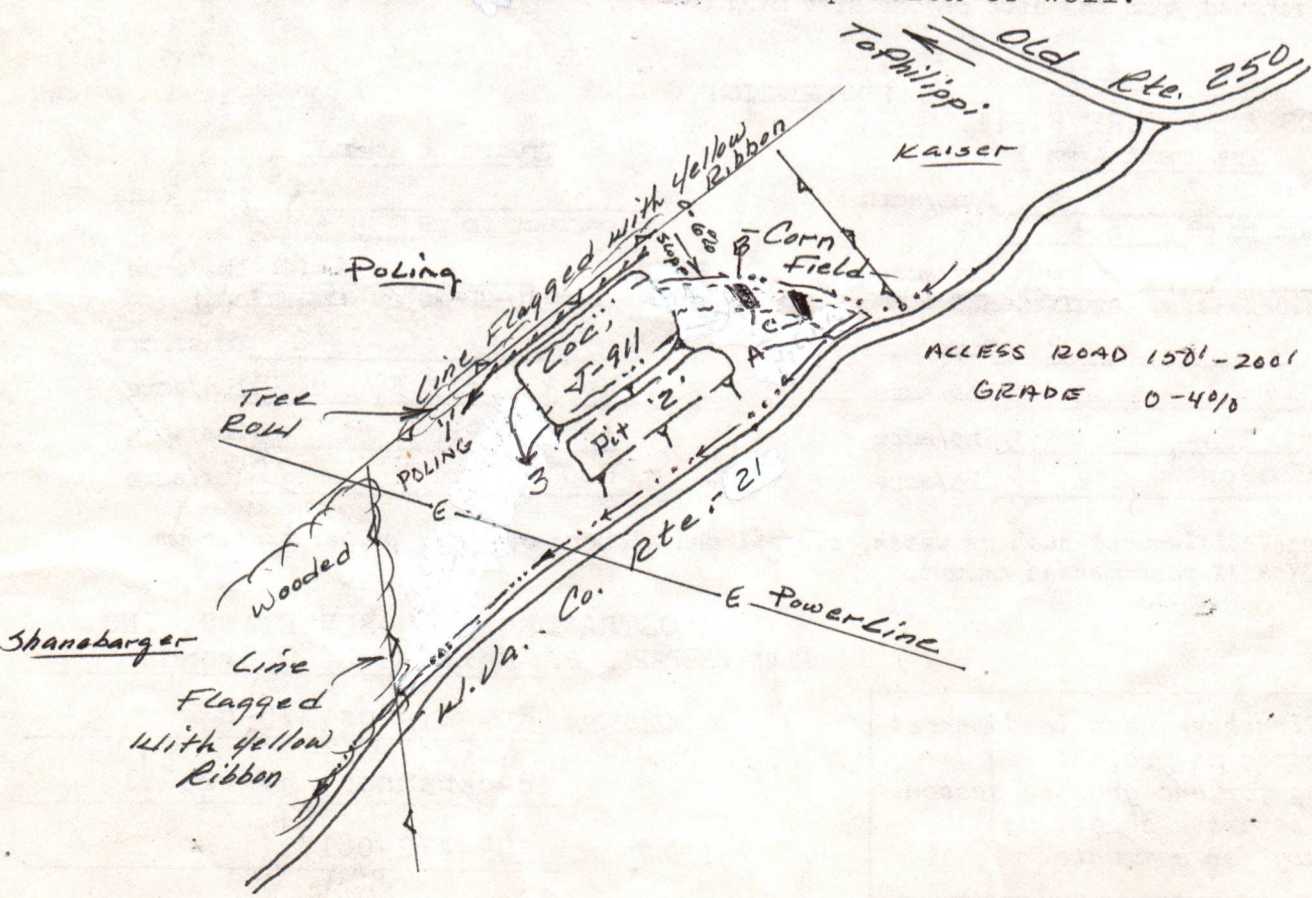
WELL SITE PLAN

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

LEGEND

Property boundary ————	Diversion ————
Road = = = = =	Spring ○ →
Existing fence — x — x —	Wet spot ☹
Planned fence — / — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ —
Open ditch — ···· →	Waterway ⊃ ≡ ≡ ≡

- All cuts to be on a 2:1 slope unless in rock.
- Drainage to be maintained after completion of well and seeding to commence within 6 months after completion of well.



IV-9  
(Rev 8-81)



State of West Virginia  
Department of Mines  
Oil and Gas Division

DATE 22 February, 1984  
WELL NO. J-911  
API NO. 47-001-2056

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J&J Enterprises, Inc.  
Address PO Box 48  
Buckhannon, WV 26201  
Telephone 304-472-9404

DESIGNATED AGENT Richard Reddicliff  
Address PO Box 48  
Buckhannon, WV 26201  
Telephone 304-472-9404

LANDOWNER John C. Poling - Rt. # 2  
Phillippi, WV 26416

SOIL CONS. DISTRICT Tygart Valley

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

This plan has been reviewed by Tygart Valley SCD. All corrections  
and additions become a part of this plan: 4-6-84 (Date)

James Hedrick  
(SCD Agent)



ACCESS ROAD

LOCATION OIL & GAS DIVISION

Structure Culverts (A)  
Spacing AS Shown and As Needed  
(15" min. when leaving a state road.)  
Page Ref. Manual 2-7

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

Structure Drainage Ditch (B)  
Spacing To be constructed along  
the access road.  
Page Ref. Manual 2-12

Structure Drilling Pit (2)  
Material Soil  
Page Ref. Manual -----

Structure Cross Drains (C)  
Spacing 5%-135' 15%-60'  
10%-80' 20%-45'  
Page Ref. Manual 2-4

Structure Sediment Trap (3)  
Material Soil  
Page Ref. Manual -----

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

REVEGETATION

WOODS & PASTURE FIELD  
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 2 Tons/acre  
Seed \*Ky-31 Tall Fescue 30 lbs/acre  
Annual Rye 5 lbs/acre  
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 2 Tons/acre  
Seed \*Ky-31 Tall Fescue 30 lbs/acre  
Annual Rye 5 lbs/acre  
Red Clover 10 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.

**RECEIVED**

APR 19 1984

OIL & GAS DIVISION  
DEPT. OF MINES

*Bar-2056*

P 471 414 392

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse) *Q-911*

Sent to John C. Poling
Street and No. Rt. #2
P.O., State and ZIP Code Phillippi, WV 26416
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 1.74
Postmark or Date CO. BOX 984 BUCKLEANNON, WV 26201 APR 19 1984



**RECEIVED**  
 APR 19 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

*Bar-2056*

P 471 414 391  
 RECEIPT FOR CERTIFIED MAIL  
 NO INSURANCE COVERAGE PROVIDED—  
 NOT FOR INTERNATIONAL MAIL

(See Reverse) J-909, J-910, J-911

PS Form 3800, Feb. 1982

Sent to	Sarah Mellon Scaife Foundation
Street and No.	P. O. Box 268
P.O., State and ZIP Code	Pittsburgh, PA 15230
Postage	\$ .54
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$1.89
Postmark or Date	APR 17 1984

J & J ENTERPRISES, INC.  
 P. O. BOX 48  
 BUCKHANNON, WV 26201  
 262

P 471 414 389  
 RECEIPT FOR CERTIFIED MAIL  
 NO INSURANCE COVERAGE PROVIDED—  
 NOT FOR INTERNATIONAL MAIL

(See Reverse) J-909, J-910, J-911

PS Form 3800, Feb. 1982

Sent to	CHARLESTON NATIONAL BANK
Street and No.	
P.O., State and ZIP Code	Charleston, WV 25311
Postage	\$ .54
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$1.89
Postmark or Date	APR 17 1984

J & J ENTERPRISES, INC.  
 P. O. BOX 48  
 BUCKHANNON, WV 26201  
 262

P 471 414 390  
 RECEIPT FOR CERTIFIED MAIL  
 NO INSURANCE COVERAGE PROVIDED—  
 NOT FOR INTERNATIONAL MAIL

(See Reverse) J-909, J-910, J-911

PS Form 3800, Feb. 1982

Sent to	Eastern Associated Coal Corp
Street and No.	1700 Coppers Building
P.O., State and ZIP Code	Pittsburgh, PA 15219
Postage	\$ .54
Certified Fee	.75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	.60
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$1.89
Postmark or Date	APR 17 1984

J & J ENTERPRISES, INC.  
 P. O. BOX 48  
 BUCKHANNON, WV 26201  
 262

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

1st Elk: Perforations: 4098-4101 (12 holes) Fracturing: 300 sks. 20/40 sand:500 gal. acid:  
 3rd Elk: 4475-77 (4 holes) 4577-78(3 holes) 4647-49 (3 holes) 4757-58 (2 holes)4765-67(2holes)  
 Fracturing: 350 sks. 20/40 sand: 500 gal. acid.  
 Haverty: PERforations: 5130-58 (17 holes) Fracturing: 450 sks. 20/40 sand;

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

$$t=60 + (0.0075 \times 5278) + 459.7 = 559 \quad X = \frac{1}{53.35} \times 559 = \frac{1}{29838} = 0.000034 \quad P_f = 1750 \times 2.72^{(0.000034)}$$

$$(0.680)(4628)(0.9) = 1750 \times 2.72^{0.1} = 1750 \times 1.1$$

$P_f = 1925$  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	15	
Sand & shale			15	144	1/2" stream @ 69'
Coal			144	155	
White sand			155	288	6-7" stream @ 190'
Coal			288	291	
Sand & dark shale			291	385	1/2" stream @ 231'
Coal			385	390	
Sand			390	445	1" stream @ 665'
Coal			445	450	
Sand & shale			450	545	Gas ck @ 1462 20/10-1/2" w/water 8,419 cu.ft.
Coal			545	555	
Shale & sand			555	630	Gas ck @ 2527 2/10-1/2" w/water 2,533 cu.ft.
Coal			630	635	
Sand, shale & red rock			635	660	
Red rock, sand & shale			660	810	Gas ck @ 3812 4/10-1/2" w/water 3,785 cu.ft.
Sand, red rock & shale			810	980	
Shale & lime			980	1119	
Big Lime			1119	1343	Gas ck @ collars 100/10-1/2" w/wat 10,590 cu.ft.
Sand & shale			1343	3090	
Sand & shale			3090	4098	
1st ELk			4098	4101	
Sand & shale			4101	4475	
3rd Elk			4475	4767	
Sand & shale			4767	5130	
Haverty			5130	5158	
Sand & shale			5158	5405	
				TD.	

(Attach separate sheets as necessary)

J&J Enterprises, Inc.

Well Operator

By: *Bh. Dobbie*

Date: 7/17/84

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."



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

RECEIVED

JUN 1 1 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 001-2026

Oil or Gas Well  
(KIND)

Company J & J Enterprises  
 Address \_\_\_\_\_  
 Farm John Poling  
 Well No. J 911  
 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			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

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

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

Remarks: Locust

5-31-84  
DATE

Phillip Droy  
DISTRICT WELL INSPECTOR



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

**RECEIVED**  
JUN 13 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2056

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

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>J &amp; J Enterprises</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>John Pacing</u>	13			
Well No. <u>J-911</u>	<del>11"</del> - 201	201	201	Size of _____
District <u>Phillippi</u> County <u>001</u>	<del>8 5/8"</del> - 920.7	920.7	920.7 (250-H)	Depth set _____
Drilling commenced <u>Rig on - 6/6/84</u>	6 5/8"			
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 ~~J & J~~ S.W. Jackie Rig #1

Remarks: Fresh water - too much to handle - 190'  
8" Cemented back to surface  
6/7 - 6/8 - 6/9 - 6/10

1984

DATE

James H. Beall 501  
DISTRICT WELL INSPECTOR

RECEIVED  
 JUN 1 8 1982  
 OIL & GAS DIVISION  
 DEPT. OF MINES

**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			
	2 1/2"	8'	100'								

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

Remarks:

8" Cement / Bar to surface  
 Fresh water - too much to handle - 190'  
 100' - 100' - 100' - 100'

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

DATE

201  
 [Signature]

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

No. 001-2056

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

WELL IDENTIFICATION	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Name: <u>J &amp; J - E</u> No.: <u>J-911</u> County: _____ Drilling commenced: <u>6/7</u> Drilling completed: _____ Total depth: _____ Shot: _____ Depth of shot: _____ Open flow: _____ /10ths Water in _____ Inch Flow after tubing: _____ /10ths Merc. in _____ Inch Pressure: _____ lbs. _____ hrs. _____ bbls., 1st 24 hrs. _____ feet _____ feet _____ feet	Size 16 13 <del>10 1/2</del> 8 1/4 6 3/8 5 3/16 3 2 Liners Used	201 920.7 201 920.7	Kind of Packer _____ Size of _____ Depth set _____ Perf. top _____ Perf. bottom _____ 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: "Bob Cable" - J & J Rig

Remarks:  
6/8 - 84  
6/9  
 DATE

Russell M. Bruce  
6/8 (500)  
 DISTRICT WELL INSPECTOR

Russell M. Bruce  
 DISTRICT WELL INSPECTOR

6/12/84  
 DATE



Form 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

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: \_\_\_\_\_

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 26 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. OF MINE  
Oil or Gas Well \_\_\_\_\_  
(KIND)

Permit No. 001-2056

Company J & J -  
 Address \_\_\_\_\_  
 Farm J. Poening  
 Well No. J-911  
 District \_\_\_\_\_ County 001  
 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. \_\_\_\_\_ Da  
 NAME OF SERVICE COMPANY \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names JACIZ

Remarks: GRASS IN FIELD ABOVE WELL DAMAGED BY ACID - JUNE 28

6/22/84

DATE

RG Beese

DISTRICT WELL INSPECTOR

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

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

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

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

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

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

Liner	Location		Amount	Packer	Location		
	PLUGS USED AND DEPTH PLACED		LEAD	BRIDGES CONSTRUCTION-LOCATION	CASING AND TUBING		
	CEMENT-THICKNESS	WOOD-SIZE			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 19 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 001-2056

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

Company J+J  
 Address \_\_\_\_\_  
 Farm Tom Pociung  
 Well No. J-911  
 District \_\_\_\_\_ County 001  
 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 G. Williams

Remarks: Doing Rec Work, Dirt Wax on loc

7/17/84  
DATE

R. G. Peace (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

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

RECEIVED  
AUG 6 1984

INSPECTOR'S WELL REPORT  
OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 001-2056

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

Company <u>J4J</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>John Pociung</u>	16			Kind of Packer _____
Well No. <u># J-911</u>	13			
District _____ County <u>BARBOUR</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: FINISH GRADING - RECLAMATION (WILLIAMS)

8/2/84  
DATE

R.G. Beane  
DISTRICT WELL INSPECTOR



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

RECEIVED  
OCT 3 1984

INSPECTOR'S WELL REPORT  
OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 001-2056

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

Company <u>J &amp; J</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>John Poling</u>	16			Kind of Packer _____
Well No. <u>J-911</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: Everything - OK -  
Api NO ON WELL

10/1/84  
DATE

R. G. Peace  
DISTRICT WELL INSPECTOR







**RECEIVED**  
OCT 3 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  
August 16, 1984

COMPANY J & J Enterprises, Inc.

PERMIT NO 001-2056

P. O. Box 48

FARM & WELL NO John Poling #J-911

Buckhannon, West Virginia 26201

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 *Russell A. Beard*

DATE 10/1/84

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

December 17, 1984

DATE

1.0 API well number (If not available, leave blank. 14 digits.)	<u>47-001-2056</u>																							
2.0 Type of determination being sought. (Use the codes found on the front of this form.)	<u>103</u> Section of NGPA	<u>N/A</u> Category Code																						
3.0 Depth of the deepest completion location. (Only use field if sections 103 or 107 in 2.0 above.)	<u>5158</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 &amp; J Enterprises, Inc.</u> Name		<u>009480</u> Seller Code																					
	<u>P.O. Box 697</u> Street																							
	<u>Indiana</u> City	<u>PA</u> State	<u>15701</u> 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>WV</u> State																					
	<u>Barbour</u> County																							
(b) For OCS wells:	<u>N/A</u> Area Name		<u>        </u> Block Number																					
	Date of Lease: <table style="margin: auto; border: none;"> <tr> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> </tr> <tr> <td style="border: none;">Mo.</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="7" style="border: none;">OCS Lease Number</td> </tr> </table>														Mo.	Day	Yr.	OCS Lease Number						
Mo.	Day	Yr.	OCS Lease Number																					
(c) Name and identification number of this well. (35 letters and digits maximum.)	<u>J-911</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 Company</u> Name		<u>        </u> Buyer Code																					
(b) Date of the contract:	<table style="margin: auto; border: none;"> <tr> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> </tr> <tr> <td style="border: none;">Mo.</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="7" style="border: none;">        </td> </tr> </table>														Mo.	Day	Yr.							
Mo.	Day	Yr.																						
(c) Estimated annual production:	<u>        </u> MMcf.																							
7.0 Contract price (As of filing date. Complete to 3 decimal places.)	<u>2.909</u> (a) Base Price (\$/MMBTU)	<u>.278</u> (b) Tax	<u>        </u> (c) All Other Prices (Indicate (+) or (-).)	<u>3.190</u> (d) Total of (a), (b) and (c)																				
8.0 Maximum lawful rate (As of filing date. Complete to 3 decimal places.)	<u>2.909</u>	<u>.278</u>	<u>        </u>	<u>3.190</u>																				
9.0 Person responsible for this application	<table style="width:100%; border: none;"> <tr> <td style="width:60%; padding: 5px;"><u>Richard J. Kline</u> Name</td> <td style="width:40%; padding: 5px;"><u>Secretary</u> Title</td> </tr> <tr> <td colspan="2" style="padding: 5px;"><u>Richard J. Kline</u> Signature</td> </tr> <tr> <td style="padding: 5px;"><u>7-24-84</u> Date application is Completed</td> <td style="padding: 5px;"><u>(412) 349-6800</u> Phone Number</td> </tr> </table>				<u>Richard J. Kline</u> Name	<u>Secretary</u> Title	<u>Richard J. Kline</u> Signature		<u>7-24-84</u> Date application is Completed	<u>(412) 349-6800</u> Phone Number														
<u>Richard J. Kline</u> Name	<u>Secretary</u> Title																							
<u>Richard J. Kline</u> Signature																								
<u>7-24-84</u> Date application is Completed	<u>(412) 349-6800</u> Phone Number																							
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Agency Use Only</td> </tr> <tr> <td style="padding: 5px;">Date Received by Juris. Agency</td> </tr> <tr> <td style="text-align: center; padding: 5px;"><b>JUL 30 1984</b></td> </tr> <tr> <td style="padding: 5px;">Date received by FERC</td> </tr> </table>	Agency Use Only	Date Received by Juris. Agency	<b>JUL 30 1984</b>	Date received by FERC																				
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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 1981

PARTICIPANTS:

DATE: AUG 16 1984

BUYER-SELLER C

OPERATOR:

J & J Enterprises, Inc.

FIRST PURCHASER:

Tennessee Gas Pipeline Co.

OTHER:

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

840730-103-001-2056

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

**QUALIFIED**

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

EM. 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? \_\_\_\_\_
- 17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? \_\_\_\_\_ Affidavit Signed \_\_\_\_\_
- 2E. 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 \_\_\_\_\_
- (9) Line Pressure: \_\_\_\_\_
- Oil Production \_\_\_\_\_ From Completion Record \_\_\_\_\_
- 17. Does lease inventory indicate enhanced recovery being done? \_\_\_\_\_
- 17. Is affidavit signed? \_\_\_\_\_ Notarized? \_\_\_\_\_
- Does official well record with the Department confirm the submitted information? \_\_\_\_\_
- Additional information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
- Interpretation Checked to \_\_\_\_\_ by whom? \_\_\_\_\_

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

Date July 24, 1984  
Operator's Well No. J-911  
API Well No. 47 - 001 - 2056  
State County Permit

WELL CLASSIFICATION FORM  
NEW ONSHOPE 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 1825  
Watershed Laurel Run  
Dist Phillippi County Barbour Quad Belington

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: June 16, 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  $Pf = P_{we} XGLS$

$t = 60 + (0.0075 \times 5278) + 459.7 = 559$   
 $(0.680) (4628) (0.9) = 1750 \times 2.72 \times 0.1 = 1750 \times 1.1$   
 $X = \frac{1}{53.35 \times 559} = \frac{1}{29838} = 0.000034$  Pf = 1750 x 2.72 (0.000034)  
Pf = 1925 psi

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 24 day of July, 1984, has acknowledged the same before me, in my county aforesaid Given under my hand and official seal this 24 day of July, 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



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

Date July 24, 1984  
Operator's Well No. J-911  
API Well No. 47 - COI-2056  
State West Virginia County Putnam  
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 \_\_\_\_\_  
Meter Chart Code \_\_\_\_\_ (Month, Day and year)

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)

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 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 30 1984

Date received by  
Jurisdictional Agency

Director  
by [Signature]  
Title

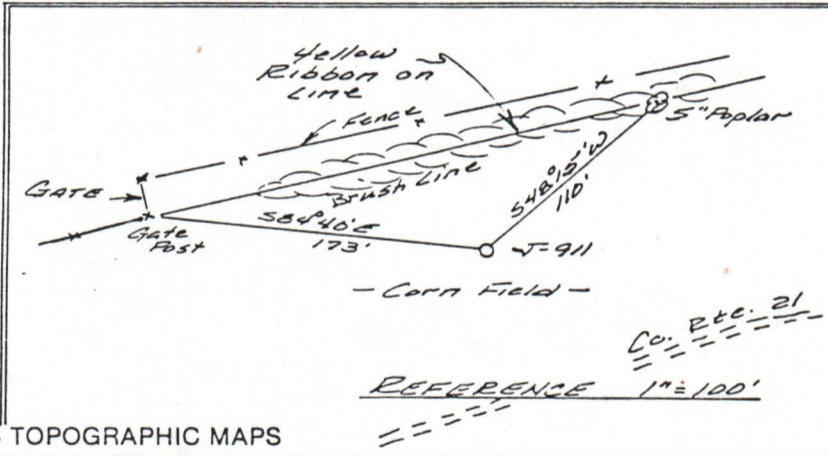
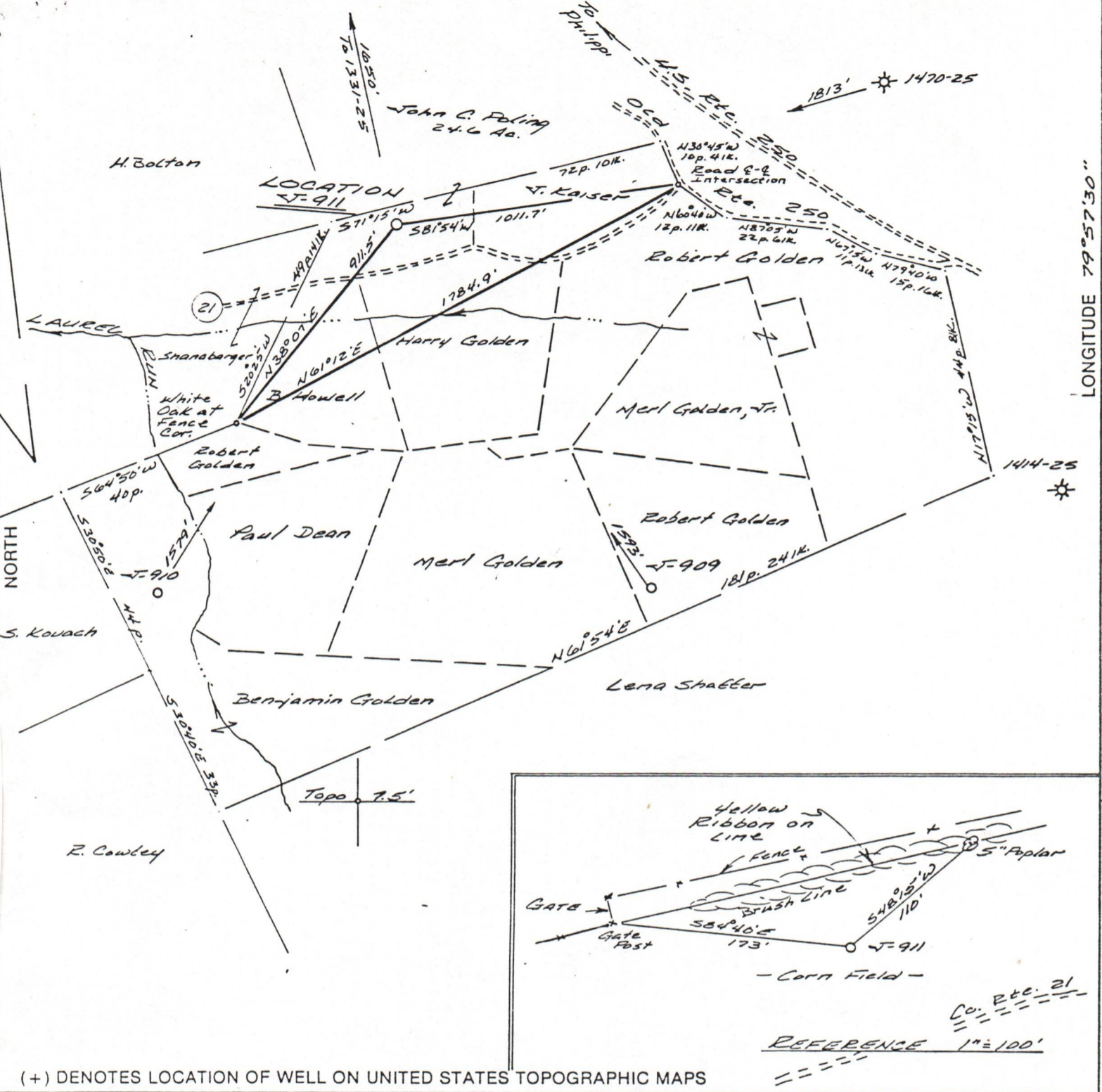


LATITUDE 39°07'30"

10,500'

LONGITUDE 79°57'30"

NORTH



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

FILE NO. 346.01  
 DRAWING NO. 84-19  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION Spot El. = 1862'  
N.E. 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) Clyford S. Ostendorf  
 R.P.E. \_\_\_\_\_ L.L.S. 555  
Buckhannon, WV

PLACE SEAL HERE

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 1825 WATER SHED Laurel Run  
 DISTRICT Philippi COUNTY Barbour  
 QUADRANGLE Belington

SURFACE OWNER John C. Poling ACREAGE 24.6  
 OIL & GAS ROYALTY OWNER L.L. Moss & Kent D. Moss LEASE ACREAGE 100  
 LEASE NO. JJ-1549

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 5250  
 WELL OPERATOR J&J ENTERPRISES, INC. DESIGNATED AGENT RICHARD REDDECLIFFE  
 ADDRESS P.O. Box 48 ADDRESS P.O. Box 48  
Buckhannon, WV 26201 Buckhannon, WV 26201

DATE 23 February, 19 84  
 OPERATOR'S WELL NO. J-911  
 API WELL NO. 47-001-2056  
 STATE COUNTY PERMIT

COUNTY NAME

PERMIT