



1) Date: February 18, 19 83  
 2) Operator's Well No. J-617  
 3) API Well No. 47 001 1691-REN.  
 State County Permit

DRILLING CONTRACTOR:

S.W. Jack Drilling Co.  
 P.O. Box 48  
 Buckhannon, WV 26201

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

RE-PERMIT OLD. NO. 1691

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil  / Gas  /  
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow  /)
- 5) LOCATION: Elevation: 1690 Watershed: Sandy Creek  
 District: Cove County: Barbour Quadrangle: Colebank
- 6) WELL OPERATOR J&J Enterprises, Inc. 11) DESIGNATED AGENT Richard M. Reddecliff  
 Address P.O. Box 48 Address P.O. Box 48  
 Buckhannon, WV 26201 Buckhannon, WV 26201
- 7) OIL & GAS ROYALTY OWNER Interstate Lumber CO., Inc. 12) COAL OPERATOR None  
 Address 601 E. Main St. Address  
 Kingwood, WV 26537
- 8) SURFACE OWNER Interstate Lumber CO. 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address 601 E. Main St. Name Eastern Assoc. Coal Corp.  
 Kingwood, WV 26537 Address Koppers Building  
 Pittsburgh, Pa. 15219
- 9) FIELD SALE (IF MADE) TO: Name Address  
 Address Unknown
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED Name Robert Stewart  
 Address P.O. Box 345  
 Jane Lew, WV 26378
- 15) PROPOSED WORK: Drill  / Drill deeper  / Redrill  / Fracture or stimulate  /  
 Plug off old formation  / Perforate new formation  /  
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Fox
- 17) Estimated depth of completed well, 5900 feet
- 18) Approximate water strata depths: Fresh, 15 feet; salt, 750 feet.
- 19) Approximate coal seam depths: 125 Is coal being mined in the area? Yes  / No  /

RECEIVED

FEB 21 1983

OIL AND GAS DIVISION  
 WV DEPARTMENT OF MINES

20) 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		1850	1850	450 sks.	
Coal	8 5/8	ERW	23	x		1850	1850	450 sks.	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5850	5850	375 sks.	Depths set
Tubing									
Liners									Perforations: Top Bottom

21) 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.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes  No

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

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Linda S. Campbell  
 My Commission Expires October 16, 1983

Signed: Richard M. Reddecliff  
 Its: Designated Agent

OFFICE USE ONLY  
**DRILLING PERMIT**

Permit number 47-001-1691-REN.

February 22, 19 83

Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) 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.)

Permit expires October 22, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>lo</u>	Plat: <u>BB</u>	Casing: <u>BB</u>	Fee: <u>1180</u>
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T. L. L. D.  
 Administrator, Office of Oil and Gas

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



Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs; "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above 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 receipt thereof.

WAIVER

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

Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_

Its \_\_\_\_\_



PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) S.W. Jack Drilling Company  
Address P.O. Box 48  
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Fox

Estimated depth of completed well, 5900 feet Rotary  / Cable tools  /

Approximate water strata depths: Fresh, 15 feet; salt, 750 feet.

Approximate coal seam depths: 125 **Is coal being mined in the area?** Yes  / No

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		1850	1850	450 sks.	
Coal	8 5/8	ERW	23	x		1850	1850	450 sks.	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5850	5850	375 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or drilling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE OBTAINED AT THE WELL SITE**  
All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire 9-29-82 operations have not commenced by

*[Signature]*  
Deputy Director - Oil & Gas Division

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 receipt thereof:

W A I V E R

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

Date: Jan 21, 19 82

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



[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-617  
API Well No. 47 - 001 - 1691  
State County Permit

WELL TYPE: Oil \_\_\_ / Gas x /  
(If "Gas", Production x / Underground storage \_\_\_ / Deep \_\_\_ / Shallow x /)  
LOCATION: Elevation: 1690 Watershed: Sandy Creek  
District: Cove County: Barbour Quadrangle: Colebank

WELL OPERATOR J & J Enterprises, Inc.  
Address P.O. Box 48  
Buckhannon, WV 26201

DESIGNATED AGENT James R. Willett  
Address P.O. Box 48  
Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Interstate Lumber Co. Inc.  
Address 601 E. Main St.  
Kingwood, WV 26537  
Acreage 132.75

COAL OPERATOR None  
Address

SURFACE OWNER Interstate Lumber CO., Inc.  
Address 601 E. Main St.  
Kingwood, WV 26537  
Acreage 132.75

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Eastern Assoc. Coal Corp.  
Address Koppers Building  
Pittsburgh, Pa. 15219

FIELD SALE (IF MADE) TO:  
Name Unknown  
Address

Name  
Address

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Robert Stewart  
Address P.O. Box 345  
Jane Lew, WV 26378

COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address  
**RECEIVED**  
JAN 28 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease \_\_\_ / other contract x / dated 10/23, 1981, to the undersigned well operator from S & S, Inc.

[If said deed, lease, or other contract has been recorded:]  
Recorded on 10/22, 1981, in the office of the Clerk of the County Commission of Barbour County, West Virginia, in Oil & Gas Book 89 at page 75. A permit is requested as follows:

PROPOSED WORK: Drill x / Drill deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate x /  
Plug off old formation \_\_\_ / Perforate new formation \_\_\_ /  
Other physical change in well (specify) \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof.

The above 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.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

**BLANKET BOND**

J & J Enterprises, Inc.

Well Operator

By Peter Battles  
Its Geologist



WELL SITE PLAN

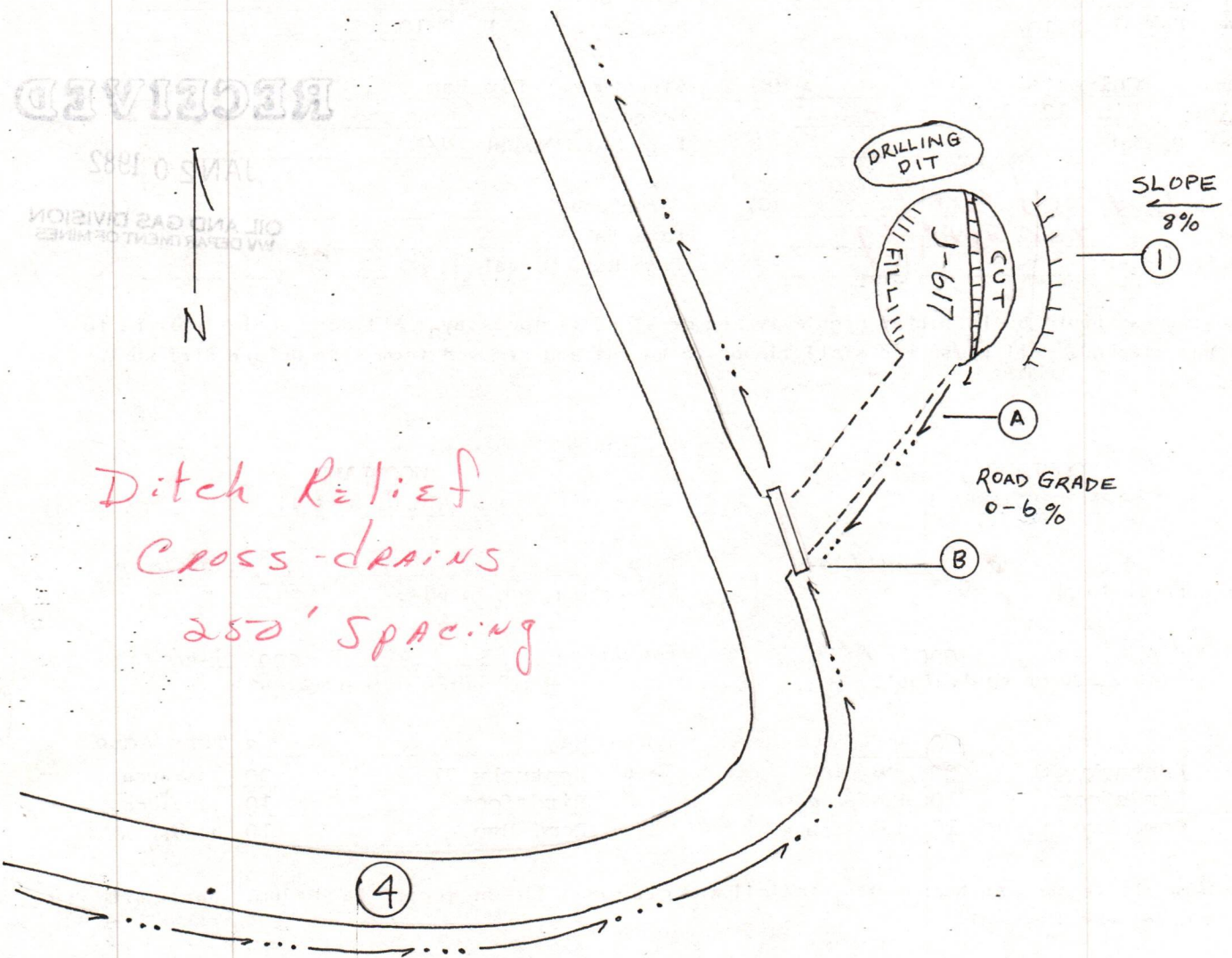
Sketch to include well location, existing access road, roads to be constructed, well site,

Legend:

- |                   |  |            |  |
|-------------------|--|------------|--|
| Property Boundary |  | Diversion  |  |
| Road              |  | Spring     |  |
| Existing Fence    |  | Well Spot  |  |
| Planned Fence     |  | Building   |  |
| Stream            |  | Drain Pipe |  |
| Open Ditch        |  | Waterway   |  |

drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.

COMMENTS: Access road subject to change by consent. Location is on a relatively



flat bench with a hill slope of about 8%. All timber will be cut and stacked.

All grades indicated on drawing as well as sediment control structures. Access road will be approximately 200 - 250 ft. long and cross drains will not be needed.

Signature: Edward J. Sumner P. O. Box 48, Buckhannon, W. Va. 26201 472-9403  
 Agent Address Phone Number

Please request landowners cooperation to protect new seeding for one growing season.

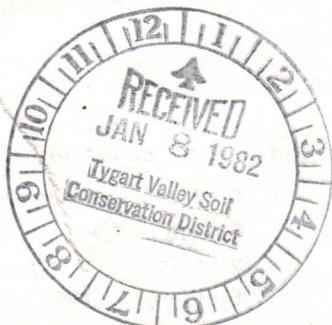


Date Jan. 5, 1982

Well No. J-617

API No. 47 - 001 - 1691

State County Permit



STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS

Company Name J. & J. Enterprises, Inc.  
Address P. O. Box 48  
Buckhannon, West Virginia  
Telephone 472-9403  
Landowner Interstate Lumber Co.

Designated Agent James R. Willett  
Address P. O. Box 48  
Buckhannon, West Virginia  
Telephone 472-9403  
Soil Cons. District Tygart's Valley

Revegetation to be carried out by Robert Rogers (Agent)

This plan has been reviewed by Tygart's Valley SCD. All corrections and additions become a part of this plan. 1/16/82 Jean Freeman (Date) (SCD Agent)

ACCESS ROAD

LOCATION

Structure Diversion Ditch (A)  
Spacing \_\_\_\_\_  
Page Ref. Manual 2:10

Structure Diversion Ditch (1)  
Material Earthen  
Page Ref. Manual 2:10

Structure Culverts (B)  
Spacing Min. 12" 1.0 15" min.  
Page Ref. Manual \_\_\_\_\_

Structure Rip-Rap  
Material \_\_\_\_\_  
Page Ref. Manual N/A

Structure Ditch Relief (C)  
Spacing 250' spacing  
Page Ref. Manual \_\_\_\_\_

**RECEIVED**

JAN 20 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

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

WOODLAND  
TREATMENT AREA I

REVEGETATION

WOODLAND  
TREATMENT AREA II

Lime 3 Tons/acre  
or correct to pH 6.5

Lime 3 Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

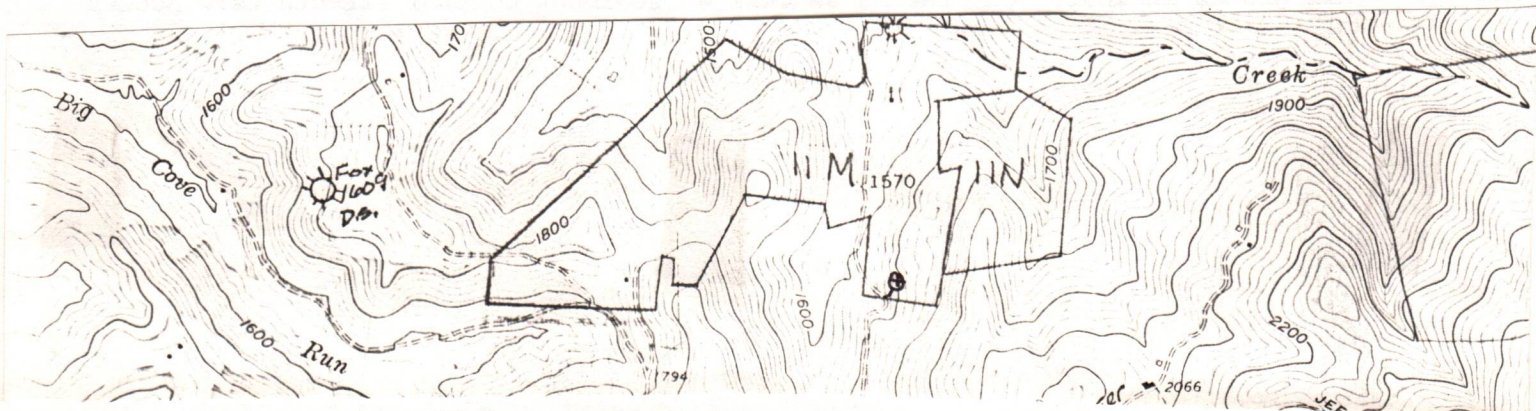
Mulch Hay 2 Tons/acre  
Seed\* Kentucky 31 30 lbs/acre  
Birdsfoot 10 lbs/acre  
Dom. Rye 10 lbs/acre

Mulch Hay 2 Tons/Acre  
Seed\* Kentucky 31 30 lbs/acre  
Birdsfoot 10 lbs/acre  
Dom. Rye. 10 lbs/acre

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

Attach or photocopy section of Involved Topographic map. Quadrangle Colebank

Legend: Well Site  
 Access Road







# J & J ENTERPRISES, INC.

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

Department of Mines  
Oil and Gas Division  
1615 Washington Street., East  
Charleston, West Virginia 25311  
Attn: Charlotte

December 4,

**RECEIVED**

DEC 5 - 1984

OIL & GAS DIVISION  
DEPT. OF MINES

Dear Charlotte:

We would like to cancel permits on the following wells and have the bond released as we are not planning to drill them.

J-615 - 001-1689-R

J-617 - 001-1691-R

J-707 - 019-0506

J-714 - 067-0596-R

Thank you,

Joyce Davis  
Land Department



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

RECEIVED

OCT 21 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-1691

Oil or Gas Well Gas  
(KIND)

Company <u>J+J Enterprises</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Buck Hannon</u>	Size			
Farm <u>INTERSTATE LUMBER</u>	16			Kind of Packer
Well No. <u>J-617</u>	13			
District <u>Cove</u> County <u>BARBOUR</u>	10			Size of
Drilling commenced <u>                    </u>	8 1/4			
Drilling completed <u>                    </u> Total depth <u>                    </u>	6 3/8			Depth set
Date shot <u>                    </u> Depth of shot <u>                    </u>	5 3/16			
Initial open flow <u>                    </u> /10ths Water in <u>                    </u> Inch	3			Perf. top
Open flow after tubing <u>                    </u> /10ths Merc. in <u>                    </u> Inch	2			Perf. bottom
Volume <u>                    </u> Cu. Ft.	Liners Used			Perf. top
Rock pressure <u>                    </u> lbs. <u>                    </u> hrs.				Perf. bottom
Oil <u>                    </u> bbls., 1st 24 hrs.	CASING CEMENTED <u>                    </u> SIZE <u>                    </u> No. FT. <u>                    </u> Date <u>                    </u>			
Fresh water <u>                    </u> feet <u>                    </u> feet	NAME OF SERVICE COMPANY <u>                    </u>			
Salt water <u>                    </u> feet <u>                    </u> feet	COAL WAS ENCOUNTERED AT <u>                    </u> FEET <u>                    </u> INCHES			
	<u>                    </u> FEET <u>                    </u> INCHES <u>                    </u> FEET <u>                    </u> INCHES			
	<u>                    </u> FEET <u>                    </u> INCHES <u>                    </u> FEET <u>                    </u> INCHES			

Drillers' Names                     

Remarks:  
O.K. To Release  
CANCEL

10-19-82

DATE

Robert Stewart 511  
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: \_\_\_\_\_

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 DIVISION

FINAL INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

**RECEIVED**

JUN 11 1985

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

Permit No. 001-1691-REN County Barbour  
Company J & J Enterprises, Inc. Farm Interstate Lumber Co.  
Inspector Phillip Tracy Well No. J-617  
Date April 26, 1984

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 Strength	___	___
23.02	Maintained Access Roads	___	___
25.01	Necessary Equipment to prevent Waste	___	___
23.03	Reclaimed Drilling Site	___	___
23.04	Reclaimed Drilling Pits	___	___
23.05	No surface or underground Pollution	___	___
7.03	Identification Markings	___	___

COMMENTS: Please issue final on cancellation if location is okay.

Permit expired on 10-22-83.

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 Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: *Phillip Tracy*





State of West Virginia

Department of Mines  
Oil and Gas Division

THEODORE M. STREIT  
ADMINISTRATOR

Charleston 25305

June 13, 1985

BARTON B. LAY, JR.  
DIRECTOR

J & J Enterprises, INC.  
Box 48  
Buckhannon, West Virginia 26201

In Re: Permit No: 47-001-1691-REN  
Farm: Interstate Lumber Co.  
Well No: J-617  
District: Cove  
County: Barbour  
Issued: 2-22-83

Gentlemen:

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

XXXXX The well designated by the above captioned permit number has been released under your Blanket Bond. (PERMIT CANCELLED - NEVER DRILLED)

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who 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 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

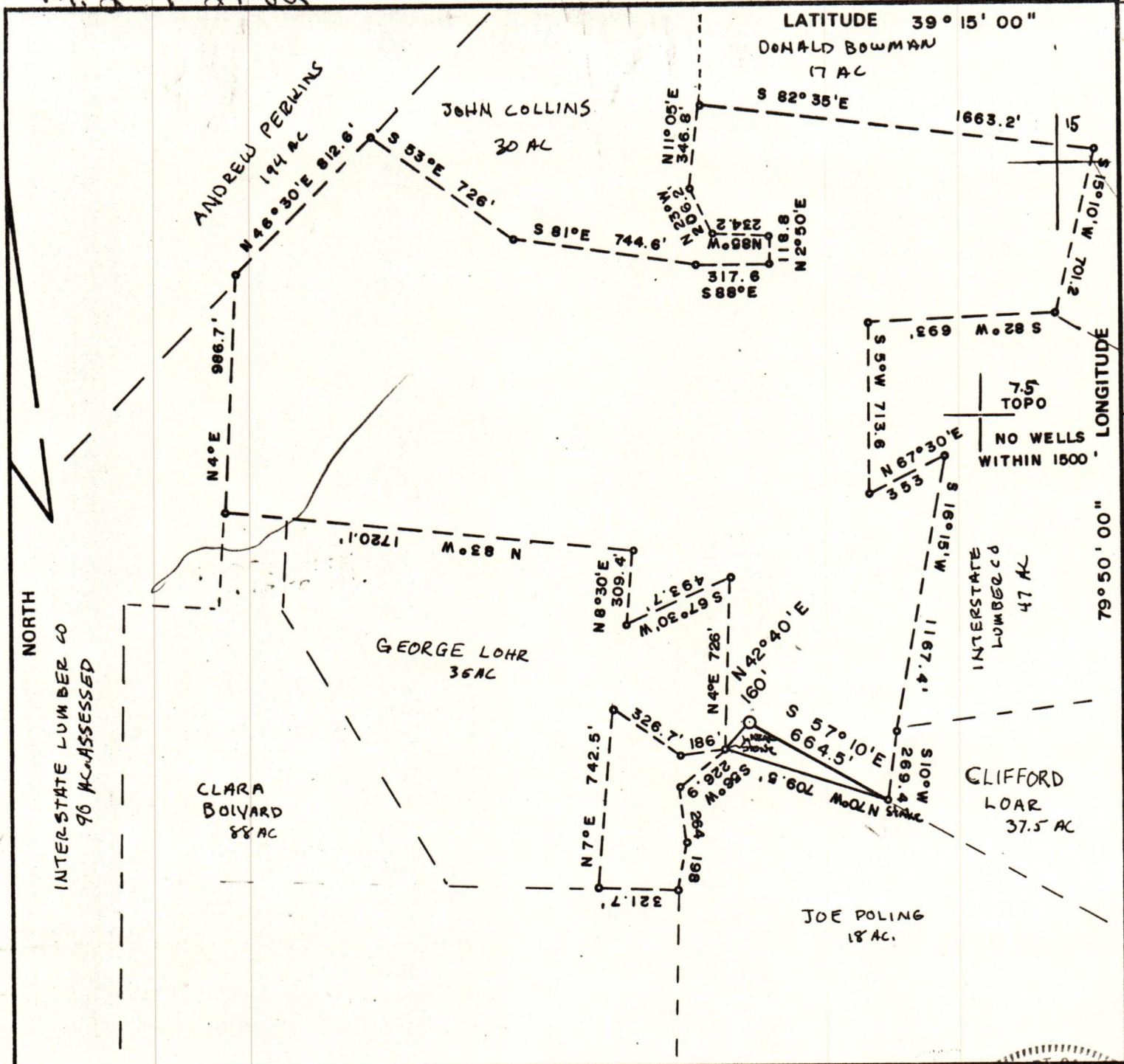
Very truly yours,

Theodore M. Streit, Administrator  
Dept. Mines-Office of Oil & Gas



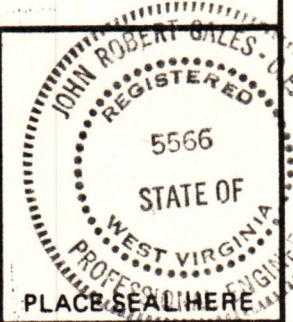
M.F. 1-29-82

2000'



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 600'  
 MINIMUM DEGREE OF ACCURACY 1 / 2500  
 PROVEN SOURCE OF ELEVATION El. 1828 at Road Int'n. 2200 South of Site

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) John Robert Sales  
 R.P.E. 5566 L.L.S. \_\_\_\_\_



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



DATE 1 / 12, 1982  
 OPERATOR'S WELL NO. J-617  
 API WELL NO. 47-001-1691-Per  
 STATE WV COUNTY BARBOUR PERMIT 1691-Per

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

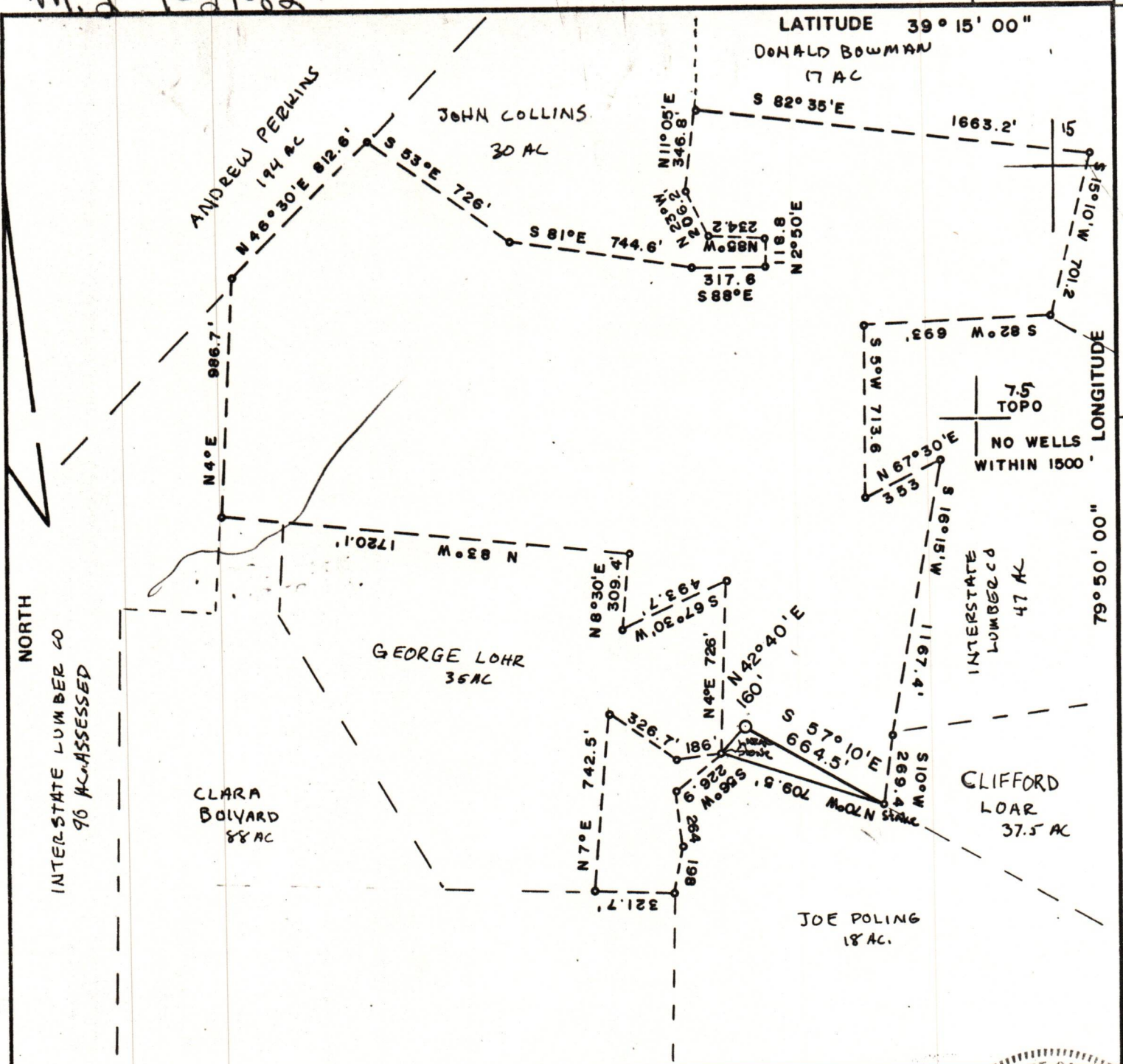
*Cancelled*

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1690 WATER SHED SANDY CREEK  
 DISTRICT COVE COUNTY BARBOUR  
 QUADRANGLE COLEBANK  
 SURFACE OWNER INTERSTATE PAPER CO. ACREAGE 132.75  
 OIL & GAS ROYALTY OWNER INTERSTATE PAPER CO. LEASE ACREAGE 132.75  
 LEASE NO. I-2  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X 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 5900  
 WELL OPERATOR J & J ENTERPRISES INC DESIGNATED AGENT James R. Willett  
 ADDRESS BOX 48 ADDRESS P.O. Box 48  
BUCKHANNON, WV 26201 Buckhannon, WV 26201



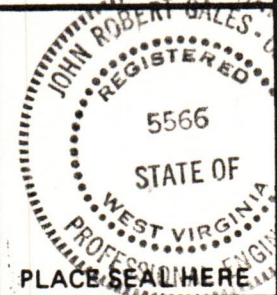
M. J. 1-29-82

2000



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 600'  
 MINIMUM DEGREE OF ACCURACY 1 / 2500  
 PROVEN SOURCE OF ELEVATION El. 1828 at Road Int'n. 2200 South of Site

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) John Robert Gales  
 R.P.E. 5566 L.L.S. \_\_\_\_\_



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



DATE 1 / 12, 1982  
 OPERATOR'S WELL NO. J-617  
 API WELL NO. 47-001-1691-Reg  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

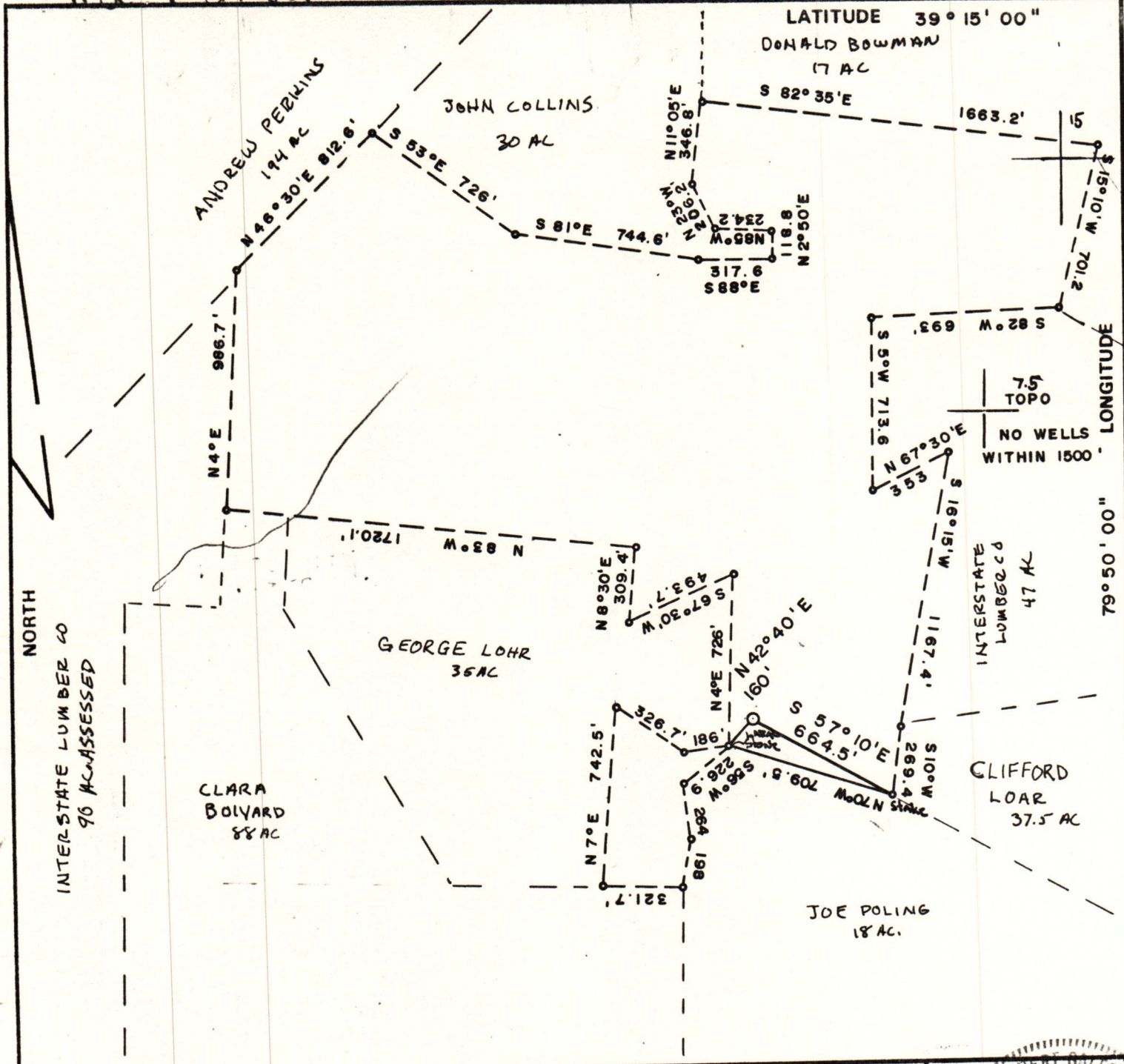
*Cancelled*

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1690 WATERSHED SANDY CREEK  
 DISTRICT COVE COUNTY BARBOUR  
 QUADRANGLE COLEBANK  
 SURFACE OWNER INTERSTATE PAPER CO. ACREAGE 132.75  
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 LEASE NO. I-2  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X 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 5900  
 WELL OPERATOR J&J ENTERPRISES INC DESIGNATED AGENT James R. Willett  
 ADDRESS BOX 48 ADDRESS P.O. Box 48  
BUCKHANNON, WV 26201 Buckhannon, WV 26201



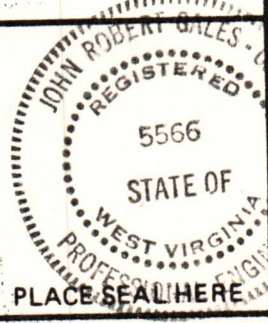
M.A. 1-29-82

2000'



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 600'  
 MINIMUM DEGREE OF ACCURACY 1 / 2500  
 PROVEN SOURCE OF ELEVATION EI. 1828 at Road Int'n. 2200 South of Site

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) John Robert Gales  
 R.P.E. 5566 L.L.S. \_\_\_\_\_



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



DATE 1 / 12, 1982  
 OPERATOR'S WELL NO. J-617  
 API WELL NO. 47-001-1691-R  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

*Cancelled*

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1690 WATER SHED SANDY CREEK  
 DISTRICT COVE COUNTY BARBOUR  
 QUADRANGLE COLEBANK  
 SURFACE OWNER INTERSTATE PAPER CO. ACREAGE 132.75  
 OIL & GAS ROYALTY OWNER INTERSTATE PAPER CO. LEASE ACREAGE 132.75  
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