

A-4



1) Date: February 18, 19 83
2) Operator's Well No. J-615
3) API Well No. 47 001 1689-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.1689

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas / B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1850 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., Inc. 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: 14) COAL LESSEE WITH DECLARATION ON RECORD:
Address Unknown Name None
Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Robert Stewart Address
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, 30 feet; salt, 850 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		1800	1800	450 sks.	
Coal	8 5/8	ERW	23	x		1800	1800	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: [Signature]
My Commission Expires October 16, 1989

Signed: [Signature]
Its: Richard M. Reddecliff

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-001-1689-REN. Date February 22 19 83

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: BB	Agent: ls	Plat: [Signature]	Casing: [Signature]	Fee: 1178
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[Signature]
Administrator, Office of Oil and Gas

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

File

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 _____

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-615
API Well No. 47 - 001 - 1689
State County Permit

WELL TYPE: Oil ___ / Gas x /
(If "Gas", Production x / Underground storage ___ / Deep ___ / Shallow x /)
LOCATION: Elevation: 1850 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

COAL OPERATOR None
Address

Acres 64.5
SURFACE OWNER Interstate Lumber CO., Inc.
Address 601 E. Main St.
Kingwood, WV 26537

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

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address

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

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
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

J & J Enterprises, Inc.
Well Operator

By [Signature]
Peter Battles
Geologist
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, 30 feet; salt, 850 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		1800	1800	450 sks.	
Coal	8 5/8	ERW	23	x		1800	1800	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 a 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 POSTED 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 if operations have not commenced by 9-29-82.

[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 Manuel A. Eddy Jr

Its Manager of Properties

A-6

WELL SITE PLAN

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

Legend:

Property Boundary

Road

Existing Fence

Planned Fence

Stream

Open Ditch

Diversion

Spring

Well Spot

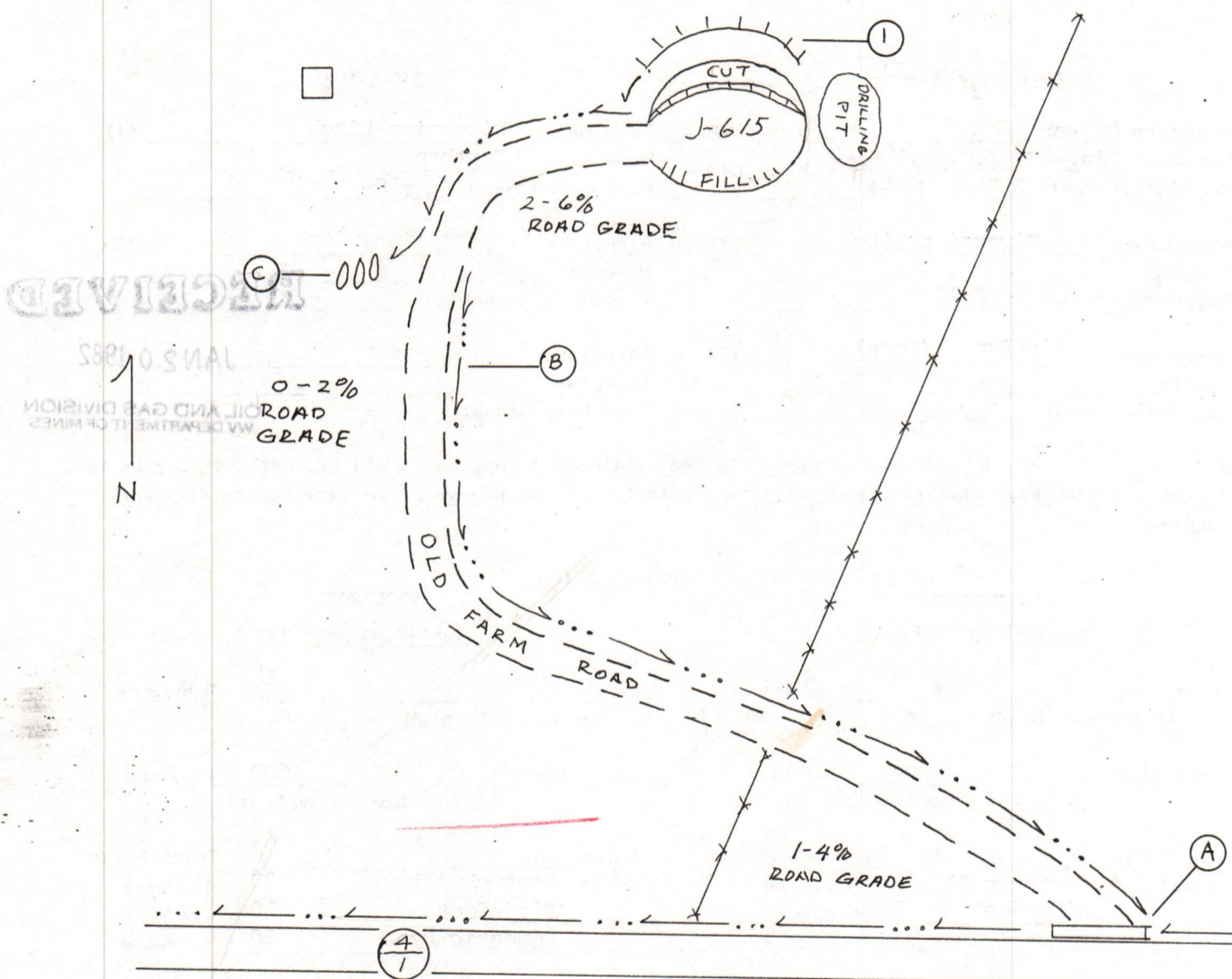
Building

Drain Pipe

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.



Access road will follow upgraded farm road. Location is on a relatively flat bench area. All cuts will be on a 2:1 slope. All timber will be cut and stacked.

Signature: *Edward J. Summers*
Agent

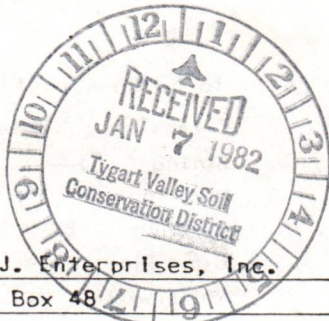
P. O. Box 48, Buckhannon, W. Va. 26201
Address

472-9403
Phone Number

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

A-5

Date 1/4 1982
Well No. J-615
API No. 47 - 001 - 1689
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 Valley

Vegetation to be carried out by Robert Rogers (Agent)

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

ACCESS ROAD

LOCATION

Structure Culvert (A)
Spacing Min. 12" I.D. 15" Min
Page Ref. Manual 2:5

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

Structure Diversion Ditch (B)
Spacing M
Page Ref. Manual 2:10

Structure Diversion Ditch (2)
Material
Page Ref. Manual

Structure Rip-Rap (Logs) (C)
Spacing
Page Ref. Manual N/A

Structure
Material
Page Ref. Manual

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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

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* Kentucky 31 30 lbs/acre
Birdsfoot 10 lbs/acre
Domestic Rye 10 lbs/acre

REVEGETATION

WOODLAND

TREATMENT AREA II

Lime 3 Tons/acre
or correct to pH 6.5

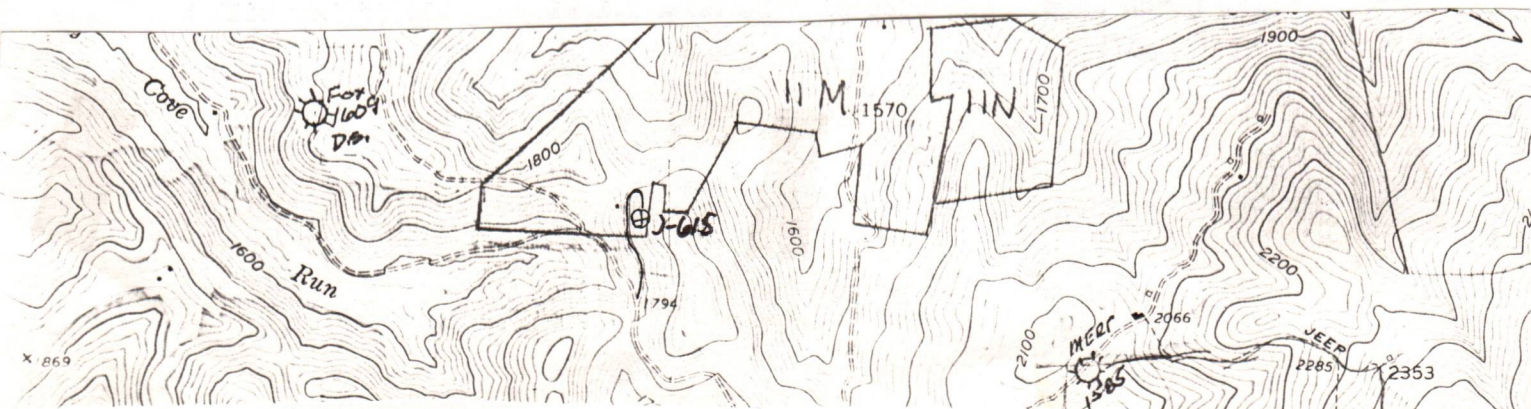
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Hay 2 Tons/Acre
Seed* Kentucky 31 30 lbs/acre
Birdsfoot 10 lbs/acre
Domestic 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 7.5'

Legend: Well Site
 Access Road





J & J ENTERPRISES, INC.

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

February 18, 1983

RECEIVED

FEB 21 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Department of Mines
Oil & Gas Division
1615 Washington St. East
Charleston, WV 25311

Attn: Mr. Theodore M. Streit

Dear Mr. Streit:

We would like to re-permit our wells numbered J-615, J-616 & J-617, permit numbers 001-1689, 001-1690 and 001-1691 respectively. These permits were cancelled and the bond released in November and August of 1982. They have since decided to re-permit these wells to be drilled.

If there are any other questions or papers you need, please let us know. Thank You.

Lillie M. Hinkle
Secretary - Geology Dept.

Lillie M. Hinkle

J & J ENTERPRISES, INC.



P.O. BOX 48, CHARLTON WEST VIRGINIA 25301 TEL. 304/475-8400

MEMORANDUM

TO: [Illegible]

DATE: [Illegible]

FROM: [Illegible]

RE: [Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

A-11



J & J ENTERPRISES, INC.

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

December 4, 1984

RECEIVED

DEC 5 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

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

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

10-19-82

DATE

DISTRICT WELL INSPECTOR

511

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

B-11



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

June 26, 1985

THEODORE M. STREIT
ADMINISTRATOR

BARTON B. LAY, JR.
DIRECTOR

J & J Enterprises, Inc.
P. O. Box 48
Buckhannon, West Virginia 25201

In Re: Permit No: 47-001-1689-RAN
Farm: Interstate Lumber Company
Well No: J-615
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

B-12

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

RECEIVED
JUN 19 1985
OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 001-1689-REN County Barbour
Company J & J Enterprises, INC. Farm Interstate Lumber Co.
Inspector Phillip Tracy Well No. J-615
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.

Not Bault or drilled or to Cancel

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.

6-12-85

SIGNED: David R. Ellis

177.2 1-29-82

LATITUDE 39° 15' 00"

LONGITUDE 78° 05' 00"

NORTH

ANDREW PERKINS
194 AC.

N 48° 30' E
2731'

N 89° 24' E 1853.7'

DORSIT
HARDIN
294 AC.

N 30° E 491'

S 40° W
973'

7.5 TOPO

NO WELLS WITHIN
2400'

S 20° 45' W 734'

S 30° 30' W
653'

S 42° 30' E
141.4'

J-615

GEORGE
LOAR
35 AC.

1961 M.O.S. 28 N
INTERSTATE LUMBER 40 ASSESSED AC.
111.17 AC. CLARA BOLYARD

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 400'
MINIMUM DEGREE OF
ACCURACY 1 / 2500
PROVEN SOURCE OF
ELEVATION ROAD INT'N EL. 1794
400 S.W. 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 REGU-
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
MENT 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 / 11 19 82
OPERATOR'S WELL NO. J-615
API WELL NO. _____
STATE COUNTY PERMIT

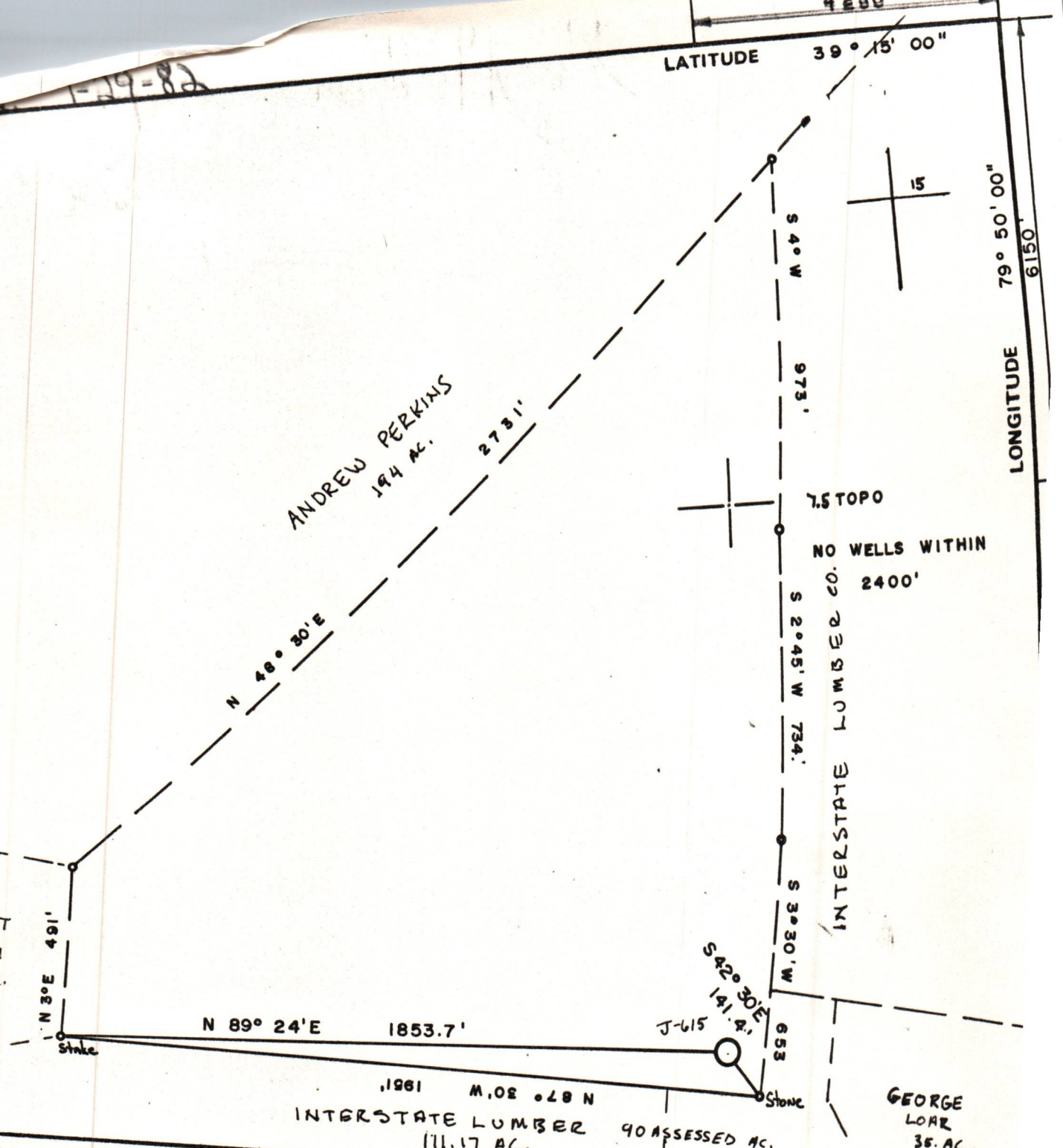
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

47 - 001 - 1689 - Ren.
Permit CANCELLED

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1850 WATER SHED SANDY CREEK
DISTRICT COVE COUNTY BARBOUR
QUADRANGLE COLEBANK
SURFACE OWNER INTERSTATE PAPER CO ACREAGE 64.5
OIL & GAS ROYALTY OWNER INTERSTATE PAPER CO LEASE ACREAGE 64.5
LEASE NO. J-5
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) _____

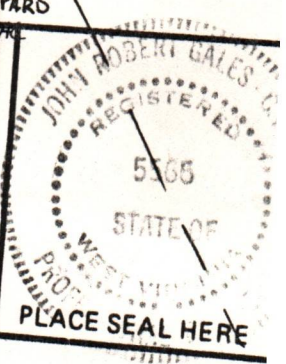
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Fox ESTIMATED DEPTH 5900
WELL OPERATOR J & J ENTERPRISES INC DESIGNATED AGENT James R. Willett
ADDRESS BOX 48 ADDRESS P.O. Box 48
BUCKHANNON, W.V. 26201 BUCKHANNON, W.V. 26201

BAR. 1689 - REN



PLAT NO. _____
 SCALE 1" = 400'
 DEGREE OF _____
 CY 1 / 2500
 SOURCE OF _____
 ON ROAD INT'N EL. 1794
 V. of SITE _____

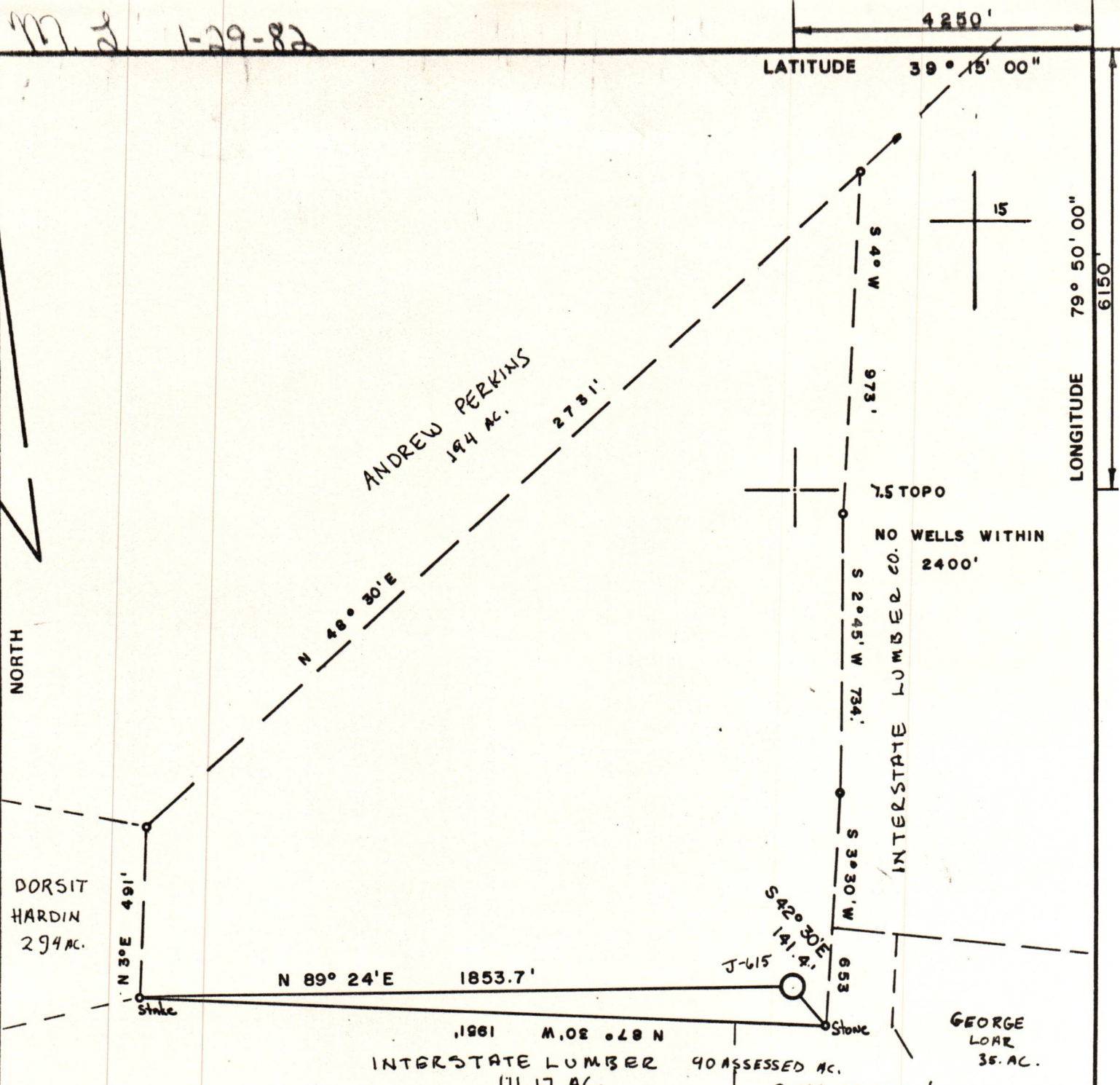
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) John Robert Gales
 R.P.E. 5866 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE 1 / 11 19 82
 OPERATOR'S WELL NO. J-615
 API WELL NO. _____
47-001-1689-Per
 STATE COUNTY PERMIT
 Permit CANCELLED

OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 ELEVATION 1850 _____
 DISTRICT _____ COVE _____ WATER SHED SANDY CREEK _____
 QUADRANGLE COLEBANK COUNTY BARBOUR
 OWNER INTERSTATE PAPER CO
 DUALTY OWNER INTERSTATE PAPER CO ACREAGE 64.5
 LEASE NO. T-5 LEASE ACREAGE 64.5
 WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
 STIMULATE PLUG OFF OLD FORMATION _____ PERFORATE NEW
 FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 AND ABANDON _____ CLEAN OUT AND REPLUG _____
 INFORMATION Fox
 OR J & J ENTERPRISES INC ESTIMATED DEPTH 5900
 BOX 48 DESIGNATED AGENT JAMES R. WILLETT
KHANNON, W.V. 26201 ADDRESS P.O. Box 48
Buckhannon, W.Va. 26201



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION ROAD INT'N EL. 1794
 400 S.W. 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. 5866 L.L.S.



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

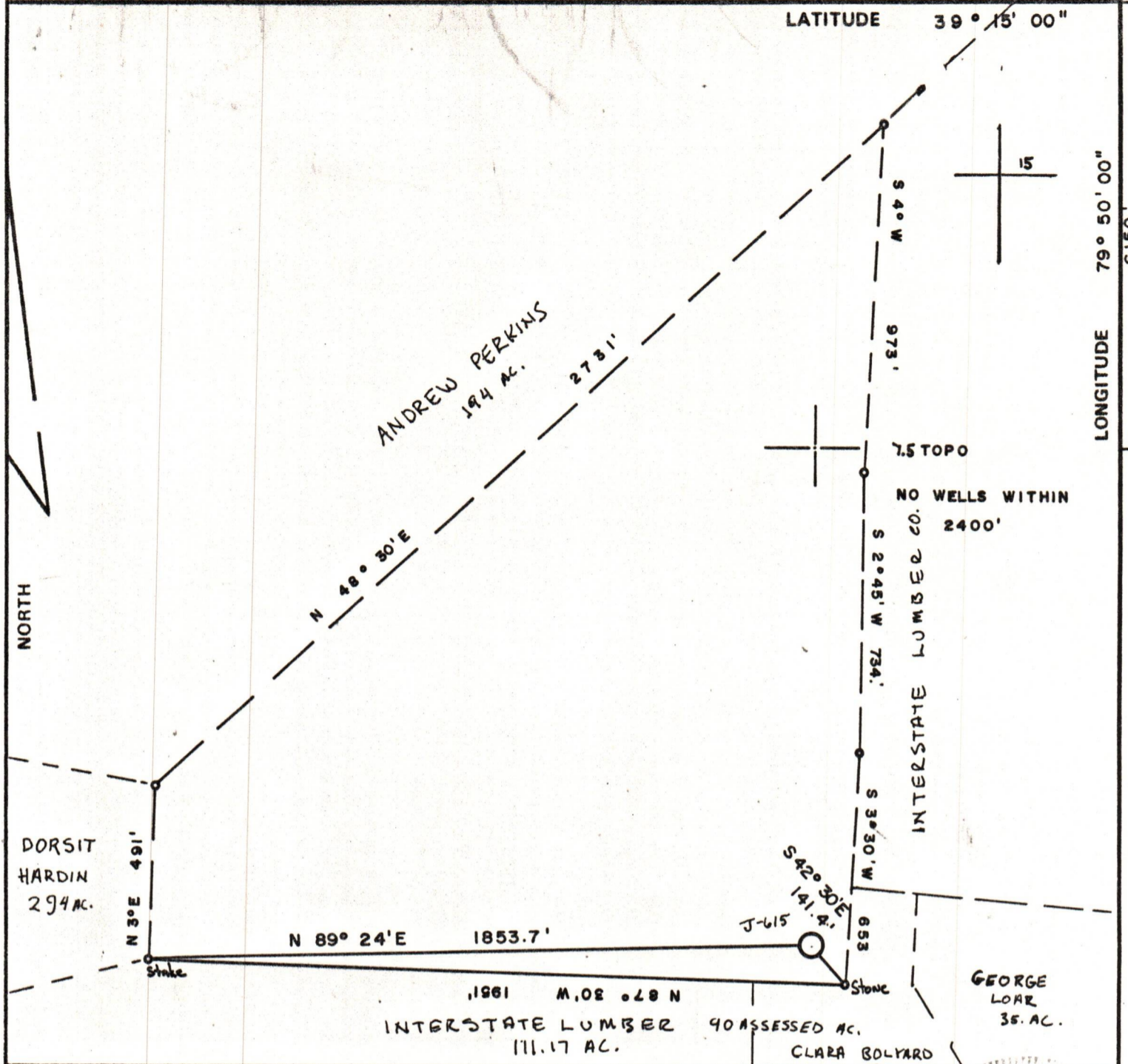


STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE 1 / 11 19 82
 OPERATOR'S WELL NO. J-615
 API WELL NO. 47-001-1689-Per
 STATE Permit COUNTY _____ PERMIT CANCELLED

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1850 WATER SHED SANDY CREEK
 DISTRICT COVE COUNTY BARBOUR
 QUADRANGLE COLEBANK
 SURFACE OWNER INTERSTATE PAPER CO ACREAGE 64.5
 OIL & GAS ROYALTY OWNER INTERSTATE PAPER CO LEASE NO. J-5 LEASE ACREAGE 64.5
 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. WILLET
 ADDRESS BOX 48 BUCKHANNON, W.V. 26201 ADDRESS P.O. Box 48 Buckhannon, W.Va. 26201

177.2 1-29-82



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION ROAD INT'N EL. 1794
 400 S.W. of SITE

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 (SIGNED) John Robert Gales
 R.P.E. 5866 L.L.S. _____

JOHN ROBERT GALES
 REGISTERED
 5866
 STATE OF WEST VIRGINIA
 PLACE SEAL HERE

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

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1850 WATERSHED SANDY CREEK
 DISTRICT COVE COUNTY BARBOUR
 QUADRANGLE COLEBANK

SURFACE OWNER INTERSTATE PAPER CO ACREAGE 64.5
 OIL & GAS ROYALTY OWNER INTERSTATE PAPER CO LEASE ACREAGE 64.5
 LEASE NO. J-5

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. WILLET
 ADDRESS BOX 48 BUCKHANNON, W.V. 26201 ADDRESS P.O. Box 48 BUCKHANNON, W.V. 26201

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

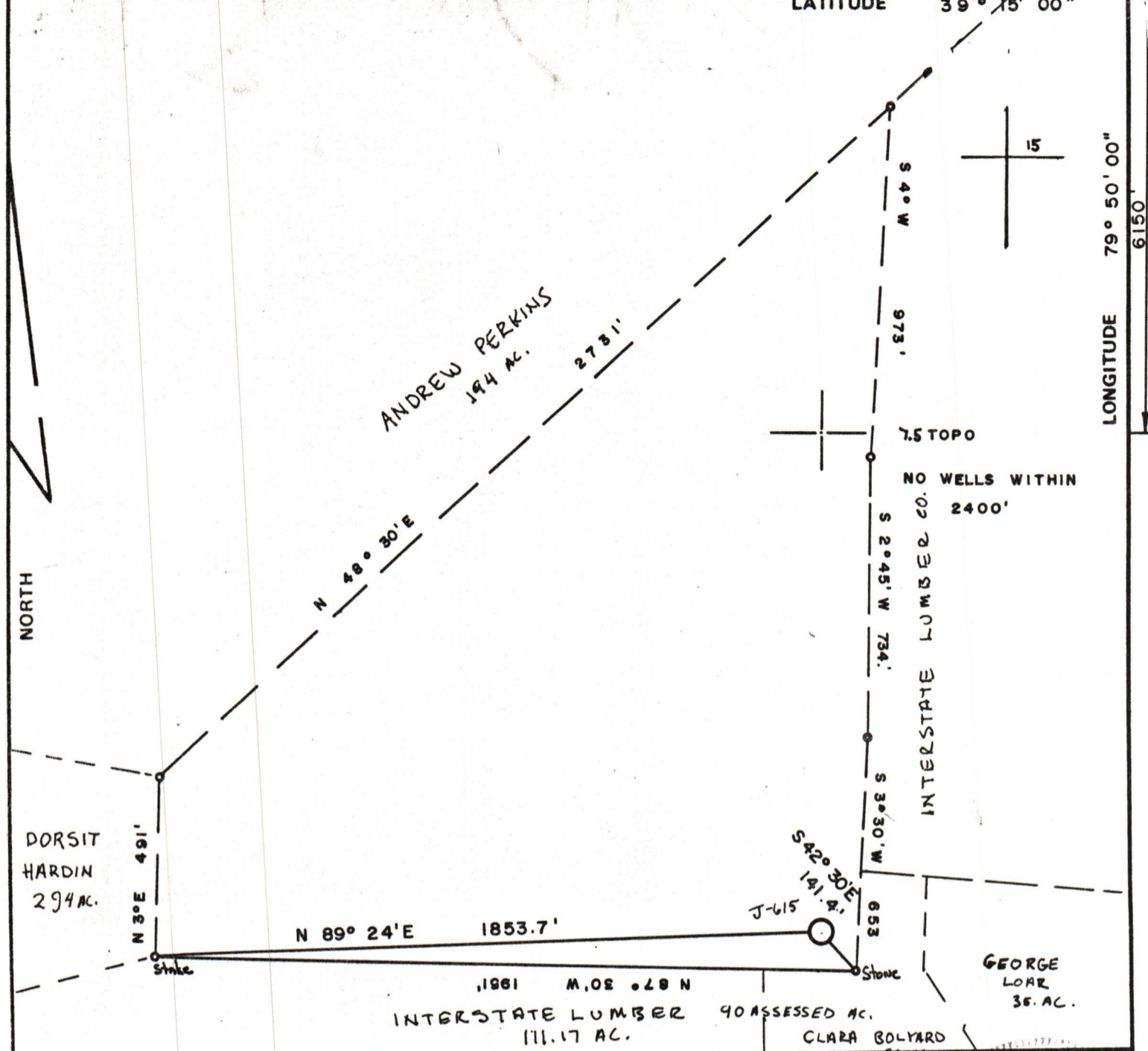
DATE 1/11 19 82
 OPERATOR'S WELL NO. J-615
 API WELL NO. 47-001-1689-REN.
 STATE BARBOUR COUNTY BARBOUR PERMIT 1689-REN.

Permit CANCELLED

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

BAR. 1689-REN

M. J. 1-29-82



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 / 2500
 PROVEN SOURCE OF ELEVATION ROAD INT'N EL. 1794
400 S.W. 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. _____

JOHN ROBERT GALES, JR.
 REGISTERED
 5565
 STATE OF WEST VIRGINIA
 PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE 1 / 11 19 82
 OPERATOR'S WELL NO. J-615
 API WELL NO. 47-001-1689-Per.
 STATE WV COUNTY BARBOUR PERMIT

Permit CANCELLED

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1850 WATER SHED SANDY CREEK
 DISTRICT COVE COUNTY BARBOUR
 QUADRANGLE COLEBANK
 SURFACE OWNER INTERSTATE PAPER CO ACREAGE 64.5
 OIL & GAS ROYALTY OWNER INTERSTATE PAPER CO LEASE ACREAGE 64.5
 LEASE NO. J-5
 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 5900
 WELL OPERATOR J & J ENTERPRISES INC DESIGNATED AGENT JAMES R. WILLET
 ADDRESS BOX 48 ADDRESS P.O. Box 48
BUCKHANNON, W.V. 26201 Buckhannon, W.V. 26201