

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO DRILL DEEPEN FRACTURE-STIMULATE
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME unknown NAME William E. Bennett
 ADDRESS --- ADDRESS Box 2683, Charleston, WV 25330
 TELEPHONE --- TELEPHONE 345-0216
 ESTIMATED DEPTH OF COMPLETED WELL: 2900' ROTARY CABLE TOOLS
 PROPOSED GEOLOGICAL FORMATION: Balltown Sd.
 TYPE OF WELL: OIL GAS COMB. STORAGE DISPOSAL
 RECYCLING WATER FLOOD OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10	40'	40'	to surface
9 - 5/8			
8 - 5/8	1000'	1000'	to surface
7			
5 1/2			
4 1/2	2900'	2900'	back to 1600'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60,140 FEET SALT WATER FEET

APPROXIMATE COAL DEPTHS unknown

IS COAL BEING MINED IN THE AREA? no BY WHOM? ---

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

NA

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

APR 13 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE 9 April, 1982

Surface Owner Ware Sawmill
Address Belington, WV
Mineral Owner same
Address same
Coal Owner same
Address same
Coal Operator none
Address --

Company Eastern Intermountain Energy Ltd.
Address Box 2683, Charleston, WV 25330
Farm Ware Sawmill Acres 11.9
Location (waters) Tygatt Valley River
Well No. 1 Elevation 1725' / 250
District Belington Corp. County Barbour
Quadrangle Belington 7 1/2

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 12-20-82

BY [Signature]

INSPECTOR

TO BE NOTIFIED Robert Stewart

ADDRESS Box 345, Jane Lew, WV

PHONE 884-7728

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated 12 November 1981 by George Browning made to Eastern Intermountain and recorded on the 1st day of Feb. 1982, in Barbour County, Book _____ Page _____

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address --- day --- before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, Eastern Intermountain Energy Ltd.

(Sign Name) [Signature]

Well Operator

Box 2683

Street

Charleston

City or Town

WV

State

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

47-001-1762

PERMIT NUMBER

BLANKET BOND



1) Date: March 5, 19 83
 2) Operator's Well No. 1 RENEWAL
 3) API Well No. 47 001 1762
 State County Permit

DRILLING CONTRACTOR:

Unknown

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1725 ft Watershed: Tygart Valley River
 District: Belington Corp. County: Barbour Quadrangle: Belington 7 1/2
- 6) WELL OPERATOR Eastern Intermountain Energy, DESIGNATED AGENT George Williams
 Address P.O. Box 902 Address P.O. Box 902
Belington, WV 26250 Belington, WV 26250
- 7) OIL & GAS ROYALTY OWNER Ware Sawmill
 Address Belington, WV 26250
- 8) SURFACE OWNER Same
 Address
 Acreage 11.9 acres
- 9) FIELD SALE (IF MADE) TO:
 Address Unknown
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Stewart
 Address Box 345 Jane Lew, WV
Phone 884-7728
- 11) COAL OPERATOR none
 Address
- 12) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name Same
 Address
 Name
 Address
- 13) COAL LESSEE WITH DECLARATION ON RECORD:
 Name
 Address
- 14) PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate X /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify)
- 15) GEOLOGICAL TARGET FORMATION, Balltown Sd
- 16) Estimated depth of completed well, 2900 feet
- 17) Approximate water strata depths: Fresh, 60, 140 feet; salt, feet.
- 18) Approximate coal seam depths: Unknown Is coal being mined in the area? Yes / No X

RECEIVED

MAR 9 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					40 ft	40 ft	to surface	Kinds
Fresh water									
Coal									Sizes
Intermediate	8 3/8					1000 ft	1000 ft	to surface	NEAT
Production	4 1/2					2900ft	2900 ft	back to 1600 ft	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: Irene Ross
 My Commission Expires MAY 20, 1991

Signed: George Williams
 Its: Designated Agent

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-001-1762-REN. Date March 23 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 November 23, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u> </u>	Plat: <u> </u>	Casing: <u> </u>	Fee: <u>no ok</u>
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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 _____

A4



1) Date: November 18, 19 83
 2) Operator's Well No. Renewal
 3) API Well No. 47 - 001 - 1762-Ren
 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 XX / Gas XX /
 B (If "Gas", Production XX / Underground storage XX / Deep XX / Shallow XX /)
- 5) LOCATION: Elevation: 1725 Watershed: Tygart Valley River
 District: Belington Corp County: Barbour Quadrangle: Belington 7¹/₂
- 6) WELL OPERATOR: Eastern Intermountain Energy 7) DESIGNATED AGENT: George Williams
 Address: P.O. Box 902 Address: P.O. Box 902
Belington, WV 26250 Belington, WV 26250
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name: Phillip Tracy
 Address: Elkins, WV
 Phone: 636-8798
- 9) DRILLING CONTRACTOR: Name: Unknown
 Address: _____
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Balltown
 12) Estimated depth of completed well, 2900 feet
 13) Approximate trata depths: Fresh, 60,140 feet; salt, _____ feet.
 14) Approximate coal seam depths: Unknown Is coal being mined in the area? Yes _____ / No XXX /
- 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					40ft	40ft		Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8					1000ft	1000ft to surface		by rule 15.05
Production	4 1/2					2900ft	2900ft back to 1600ft		or as req. by rule 15.01
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-001-1762-Ren Date December 1, 1983

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 December 1, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>CB</u>	Agent: <u>MH</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>164</u>
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Margaret J. Hasse
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) LOCATION: B (H) Gas Production, Elevation: 1725, District: Belknap County, Belknap County, West Virginia, Watershed: Tyner Valley River, Underground/Deep/Shallow: Deep

2) WELL OPERATOR: Belknap Information Energy, Designated Agent: George Williams, Address: P.O. Box 902, Belknap, WV 25850

3) DRILLING CONTRACTOR: Unknown, Name: Unknown, Address: Unknown

4) PROPOSED WELL WORK: Plug off old formation, Perform new formation, Drill: 33, Depth: 33, Other physical change in well (specify):

5) GEOLOGICAL TARGET FORMATION: Belknap, Estimated depth of completed well: 2900, Approximate true depth: 30,150, Approximate coal seam depth: Unknown, Is coal contained in the area? Yes/No: No

6) CASTING AND TUBING PROGRAM: Casing: 2 1/8", Tubing: 2 1/8", Weight: 29.00, Grade: 100,000 psi, Type: New, Used: Off, Cement: Off, Taper: None

OFFICE USE ONLY

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

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____

Board:	Agent:	Plan:	Casing:	Fee:
CB	YMH	YMH	YMH	YMH

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

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

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

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

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

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

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

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

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

Grantor, lessor, etc. Grantee, lessee, etc. Royalty Book Page

1) Date: November 18, 19 83
2) Operator's Well No. Renewal 1
3) API Well No. 47 - 001 - 1762-
State County Permit Ren.

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

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

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

(i) Name Ware Sawmill
Address Belington, WV 26250

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR None
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Same
Address _____

Name _____
Address _____

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

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

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

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

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

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

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

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

this 29 day of August November, 19 83.
My commission expires April 7, 19 93.

Flora E. Williams
Notary Public, Barbour County,
State of W.V.A

WELL OPERATOR Eastern Intermountain Energy, Inc

By George Prustellman
Its _____
Address P.O. Box 902
Belington, WV 26250
Telephone 823-1746

AG



1) Date: November 18, 19 83
 2) Operator's Well No. Renewal
 3) API Well No. 47 State 007 County 176 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: 1725 Watershed: Tygart Valley River
 District: Belington Corp County: Barbour Quadrangle: Belington 7a
- 6) WELL OPERATOR Eastern Intermountain Energy 7) DESIGNATED AGENT George Williams
 Address P.O. Box 90 Address Belington, WV 26150
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name Unknown
 Address Elkins, WV Address
- 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, Balltown
 12) Estimated depth of completed well, 2900 feet
 13) Approximate strata depths: Fresh, 60, 140 feet; salt, feet.
 14) Approximate coal seam depths: Unknown Is coal being mined in the area? Yes / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		Top	Bottom
Conductor										Kinds
Fresh water										
Coal										Sizes
Intermediate										
Production						1000ft	1000ft to surface			Depths set
Tubing						2900ft	2900ft back to 1000ft			
Liners										Perforations:
										Top Bottom

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 / 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



1) Date: November 18, 19 83
 2) Operator's Well No. Renewal
 3) API Well No. 47 State 001 County 001 Permit 176

**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil XX / Gas XX
 B (If "Gas", Production XX / Underground storage XX / Deep XX / Shallow XX)
- 5) LOCATION: Elevation: 1724 Watershed: Bygart Valley River
 District: Belington Corp County: Barbour Quadrangle: Belington 74
- 6) WELL OPERATOR Eastern Intermountain Energy 7) DESIGNATED AGENT George Williams
 Address P.O. Box 902 Address Belington, WV 26250
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name Unknown
 Address Belington, WV Address
 Phone 836-8798
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper XX / Redrill XX / Stimulate XX /
 Plug off old formation XX / Perforate new formation XX /
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Balltown
- 12) Estimated depth of completed well, 2900 feet
 13) Approximate trata depths: Fresh, 60, 140 feet; salt, feet.
 14) Approximate coal seam depths: Unknown Is coal being mined in the area? Yes XX / No XX /

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		Depths set	Top
Conductor	<u>11 3/4</u>					<u>40ft</u>	<u>40ft</u>			Kinds
Fresh water										
Coal										Sizes
Intermediate	<u>5 7/8</u>					<u>1000ft</u>	<u>1000ft to surface</u>			Depths set
Production						<u>2900ft</u>	<u>2900ft back to 1600ft</u>			
Tubing										Perforations:
Liners										Top Bottom

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

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

(For execution by corporation, partnership, etc.)

NAME: Wase Sawmill, Inc.
 By Randall E. Dally
 Its Secy. + Treas. Date 11/29/83

(For execution by natural persons)

 (Signature) Date: _____

 (Signature) Date: _____

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

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

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

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

Where to file comments and obtain additional information:

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

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

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

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

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

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

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

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

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

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF W.VA,
COUNTY OF Barbour:

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A) / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B) / Form IV-3(B) / Form IV-4(B) /
- (3) Plat showing the well location on Form IV-6, and
- (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. 1762 located in Belington Corp. District, Barbour County, West Virginia, upon the person or organization named--

Ware Sawmill

--by delivering the same in Barbour County, State of W.VA on the 29 day of November, 1983 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

- Handing it to him / her / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.
- Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

- Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

- Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

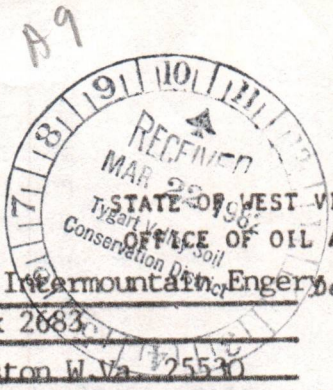
For a corporation:

- Handing it to the corporation's employee / officer / director / attorney in fact / named _____.

George Williams
(Signature of person executing service)

Taken, subscribed and sworn before me this 29 day of November, 1983
My commission expires March 7, 1993.

Flora E. Williams
Notary Public



Date March 19 19 82
Well No. WARE 1
API No. 47 - Barbour - 1762-Pen
State Barbour County Belmont

Company Name Eastern Intermountain Engery Ltd. Designated Agent Mr. William E. Bennett
Address P.O. Box 2683 Address P.O. Box 2683
Telephone Charleston W. Va. 25530 Telephone Charleston W. Va. 25530
Landowner Ware Sawmill Soil Cons. District Belington W. Va.

Revegetation to be carried out by Eastern Intermountain Engery Ltd. (Agent)

This plan has been reviewed by Scott Valley SCD All corrections and additions become a part of this plan. 3-22-82 Junior Hedrick
(Date) (SCD agent)

Access Road	Location
Structure <u>18" C.M.P. Culvert (A)</u>	Structure _____
Spacing <u>300' Max.</u>	Material _____
Page Ref. Manual <u>I-8</u>	Page Ref. Manual _____
Structure <u>24" C.M.P. Culvert (B)</u>	Structure _____
Spacing <u>One only</u>	Material _____
Page Ref. Manual _____	Page Ref. Manual RECEIVED
Structure <u>Earthen ditch (C)</u>	Structure _____
Spacing _____	Material <u>APR 13 1982</u>
Page Ref. Manual _____	Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary.

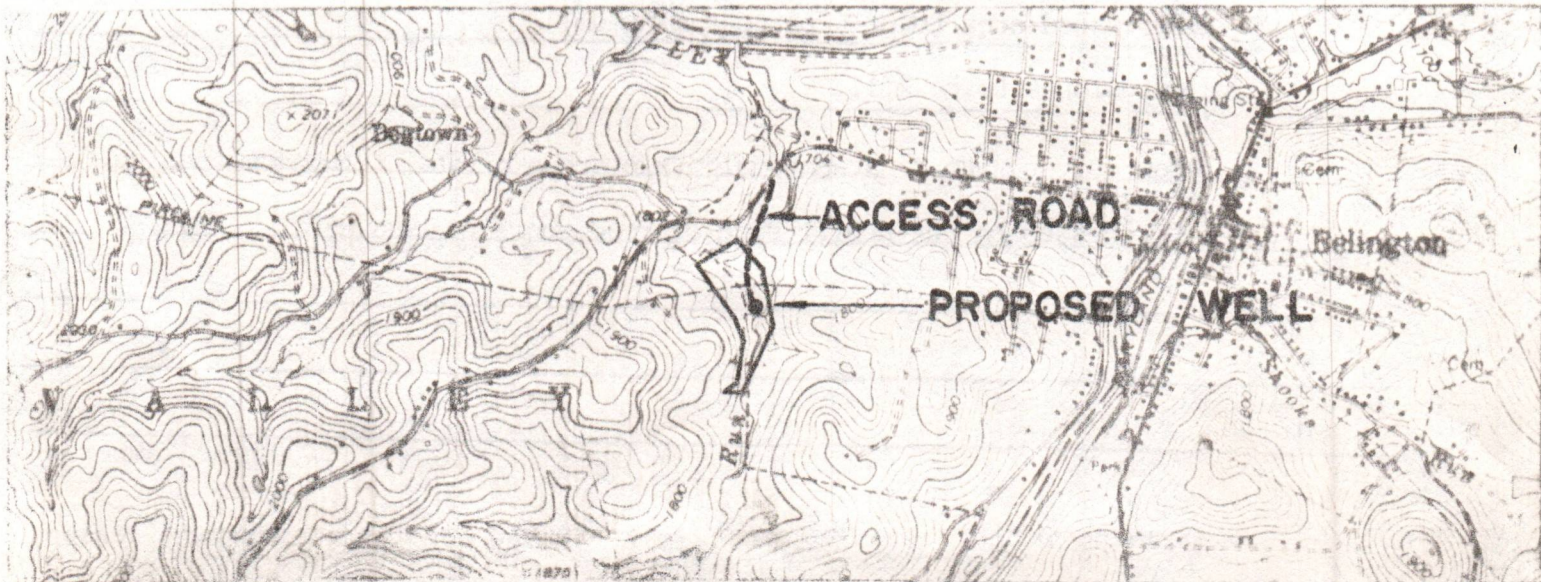
Revegetation

Treatment Area I		Treatment Area II	
Lime <u>Estimated 3</u> Tons/acre	Lime <u>Estimated 3</u> Tons/Acre	or correct to pH <u>6.5</u>	or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre	Fertilizer <u>600</u> lbs/acre	(10-20-20 or equivalent)	(10-20-20 or equivalent)
Mulch <u>Hay 2</u> Tons/Acre	Mulch <u>Hay 2</u> Tons/Acre		
Seed* <u>Kentucky 31 40</u> lbs/acre	Seed* <u>Kentucky 31 40</u> lbs/acre	<u>Birdsfoot Trefoil 10</u> lbs/acre	<u>Birdsfoot Trefoil 10</u> lbs/acre
<u>Ryegrass 10</u> lbs/acre	<u>Ryegrass 10</u> 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 Belington, W. VA.

Legend: Well Site
 Access Road



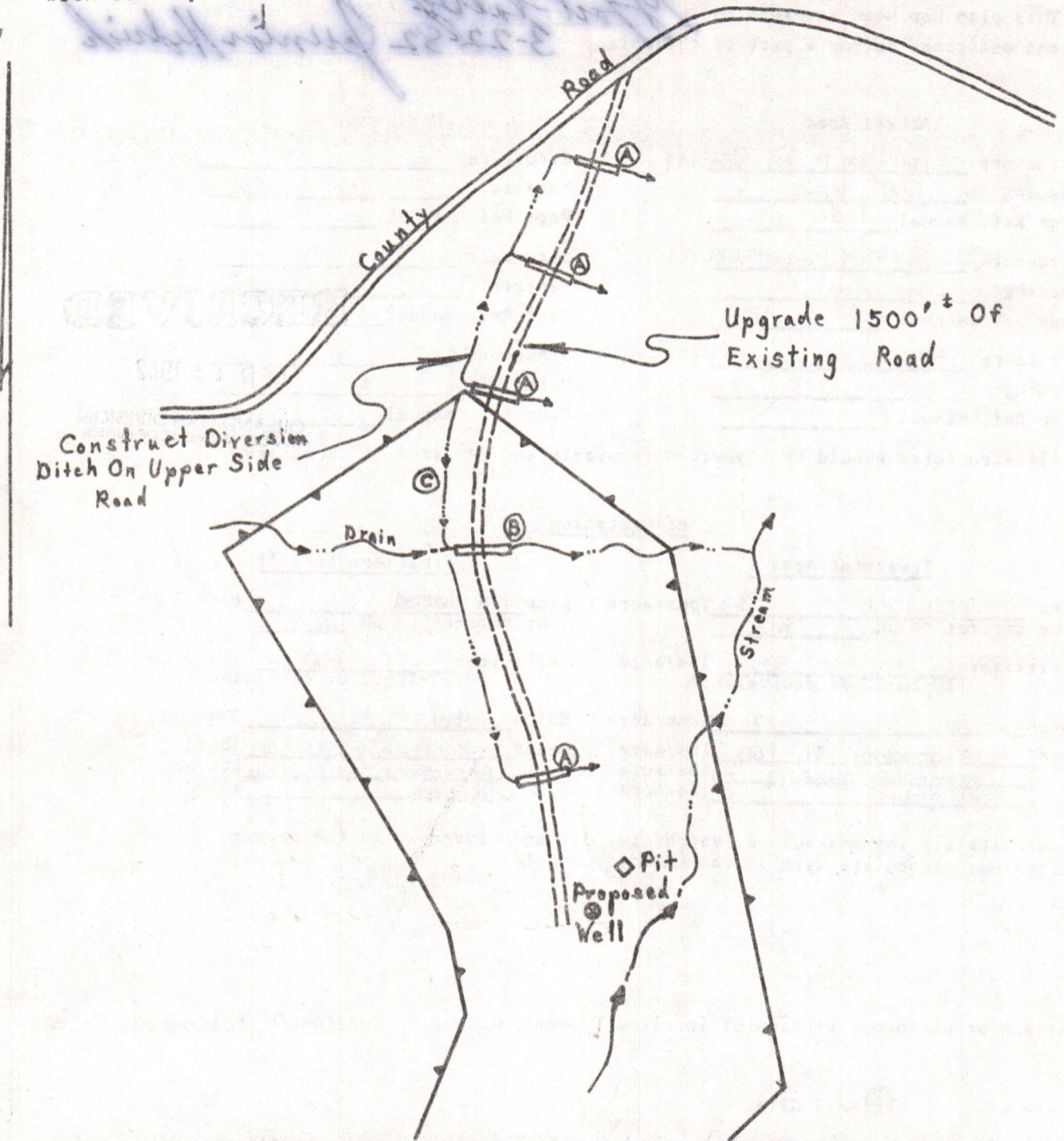
A10

Well Site Plan

- Legend:
- Property Boundry
 - Road
 - Existing Fence
 - Planned Fence
 - Stream
 - Open Ditch

- Diversion
- Spring
- Wet Spot
- Building
- Drain Pipe
- Waterway

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



- Comments:
- 1) Disturbed area to be kept to a minimum.
 - 2) Cut slopes to be 2:1.
 - 3) New culverts to be at natural drain areas or at 300' maximum spacing.
 - 4) Ditches to be cut uphill side of road where necessary.

Signature: _____ Address: _____ Phone Number: _____

operation to protect new seeding for one growing season.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks

Formations
 Little time
 Big time
 Sand
 Mississippian
 Blount

Date 1/24/ 19 84

APPROVED Eastern Intermountain Energy Owner
 By Paul Schultz
 (Title) President



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Belington
Permit No. 47-001-1762

Rotary Oil _____
Cable _____ Gas _____
Recycling _____ Comb.
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Eastern Intermountain Energy
Address P.O. Box 902
Farm Ware Sawmill # 1 Acres 12
Location (waters) TYgart Valley
Well No. # 1 Elev. 1725
District Bel. Corn. County Barbour
The surface of tract is owned in fee by Ware Sawmill
Address P.O. Box 457 Belington, WV
Mineral rights are owned by Ware Sawmill
Address P.O. Box 457 Belington WV
Drilling Commenced 12-15-83
Drilling Completed 12-19-83
Initial open flow trace cu. ft. show bbls.
Final production 600,000 cu. ft. per day 15 bbls.
Well open 4 hrs. before test 850 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	1135	1104	cts
7			
5 1/2			
4 1/2		2894	1000'
3			
2			
Liners Used			

Well treatment details: Attach copy of cementing record.
Perforate Balltown 2784-2855 (18 holes) Frac with 200 sks 20/40 sd. 2000-b. kcl
400 lb. citric 40 gal. 15-n 30 gal. cla-sta. 500 gal hcl
Avg. rate 36 Avg. psi 2200 Isip. 1200
Perforate Elizabeth 2410-2418 (12 holes) Frac with 300 sks. 20/40 sd. 2000 lb kcl
400 lb citric 750 gal. hcl 40 gal 15-n 30 gal. cla-sta
Avg. rate 29 Avg. psi 2850 ISIP 1700

Coal was encountered at ----- Feet ----- Inches
Fresh water 444 Feet ----- Salt Water ----- Feet -----
Producing Sand Balltown Depth 2784-2855

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	20		
sd/sh			20	1300		
lime			1300	1490		
sd			1490	1550	Little Lime	1305
sd/sh			1550	2420	Big Lime	1326
sd			2420	2440	5th Sand	2170
sd/sh			2440	2793	Elizabeth	2410
sd			2793	2878	Balltown	2790
sh			2878	3012		

P.O. Box 457 Belington, WV
P.O. Box 457 Belington WV

Barbour 1762

(over)

* Indicates Electric Log tops in the remarks section.

1762

A 91

RECEIVED

NOV 21 1983

OIL & GAS DIVISION
DEPT. OF MINES

BOOK 97 PAGE 12

LEASE EXTENSION AGREEMENT

This agreement extends the lease between Ware Sawmill, Inc. Belington, WVa. and Eastern Intermountain Energy, Inc. for a period of six months in consideration for the sum of two hundred (200.00) dollars, receipt hereby acknowledged.

This original lease is described in Book 89 Page 495 as filed in the office of the County Clerk, Barbour County, West Virginia.

The lease is now valid under all the original terms and conditions for a period of twenty-seven months from the initial date of this lease.

Ware Sawmill, Inc.
George Browning Pres.
Randall E. Dolly - Secy & Treas.

I, Flora E. Williams a Notary Public in and for said County of Barbour do certify that George Browning and Randall E. Dolly signed this writing

My Commission expires March 7, 1993

Flora E. Williams

P. 12

a period of six months in consideration for the sum of two hundred (200.00) dollars, receipt hereby acknowledged.

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Ware Sawmill, Inc.
George Browning Pres.

Randall E. Dolly - Secy & Treas

RECEIVED

NOV 21 1983

OIL & GAS DIVISION
DEPT. OF MINES

I, Flora E. Williams a Notary Public in and for said County of Barbour do certify that George Browning and Randall E. Dolly signed this writing

My Commission expires March 7, 1993

Flora E. Williams

BARBOUR COUNTY, W.V.
FILED OR RECORDED

1983 SEP -6 AM 10:56

0/15 97 PAGE 12

GLENNA G. PROPST, CLERK

FEE PAID \$2.00

GLENNA G. PROPST

DAYTON LEGAL CLERK BARBOUR COUNTY COURT

STATE OF WEST VIRGINIA, County of Barbour, To-wit:

I, Glenna G. Propst, Clerk of the County Commission of said County, do hereby certify that the foregoing writing, with Certificate thereto annexed, was this day produced to me in my office and duly admitted to record.

Witness my hand. Glenna G. Propst CLERK.



RECEIVED
AUG 13 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia

Department of ~~Mines~~ ^{Energy}
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
May 31, 1984

COMPANY Eastern Intermountain Energy
P. O. Box 902
Belington, West Virginia 26250

PERMIT NO 001-1762 REN (12-01-83)
FARM & WELL NO Ware Sawmill #1
DIST. & COUNTY Belington Corp./Barbour

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

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

SIGNED *R. P. Ellis*
DATE 8-7-85

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

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

August 22, 1985
DATE

001-1762



RECEIVED
MAY 9 - 1984

OIL & GAS DIVISION

State of West Virginia DEPT. OF MINES

Department of Mines
Oil and Gas Division
Charleston 25305

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

MEMORANDUM

TO: Eastern Intermountain Energy, P. O. Box 902, Belington, West Virginia 26250
FROM: Patrick E. Lewis, Engineer Technician - Office of Oil and Gas - Dept. Mines
SUBJECT: Incomplete (IV-35) Well Records
DATE: April 23, 1984

GENTLEMEN:

We have compiled this Check List to inform you that the enclosed IV-35 is not in compliance with Section 22-4-8b of the West Virginia Code. To avoid any written violations on this matter, please correct the Form IV-35 for the reasons indicated below.

YOUR WELL RECORD HAS BEEN RETURNED FOR THE FOLLOWING MARKED REASONS

- Operator's Well No. & API No. not shown or does not coincide
- Elevation not shown or does not coincide with permit
- District and/or county not shown or does not coincide with permit
- Company Name not shown or does not coincide with permit
- Surface and/or mineral rights owner not shown *Address*
- Dates of drilling not shown
- Casing used in well not shown
- Cement fill up not shown
- Geological Target Formation information not shown
- Open Flow data not shown
- Detail of perforated intervals, fracturing or stimulating, physical change, etc. not shown or incomplete
- Well log formations not shown by Geological names
- Well Log Footage Intervals not shown or incomplete
- Well log indications of fresh water, salt water, coal, and/or oil and gas not shown
- Well Record not signed

COMMENTS: Corrections made - see attached
Regarding Form IV-36, Well is not connected
to transmission line

TJS
EIE

LEASE EXTENSION AGREEMENT

This agreement extends the lease between Ware Sawmill, Inc. Belington, WVa. and Eastern Intermountain Energy, Ltd. for a period of six months in consideration for the sum of two hundred (200.00) dollars, receipt hereby acknowledged.

This original lease is described in Book 89 Page 495 as filed in the office of the County Clerk, Barbour County, West Virginia.

The lease is now valid under all the original terms and conditions for a period of twenty-one months from the initial date of this lease.

George Brauning Pres.
Randall E. Dally Treas.
Lessors

LEASE EXTENSION AGREEMENT

This agreement extends the lease between James G. Smith, Inc.,
Beltsville, Md., and Eastern Intermountain Realty, Inc., for
a period of six months in consideration for the sum of
two hundred (\$200.00) dollars, receipt hereby acknowledged.

This original lease is described in Book 89 Page 495 as
filed in the office of the County Clerk, Barbour County,
West Virginia.
The lease is now valid and all the original terms and
conditions for a period of twenty-one months from the
initial date of this lease.

James G. Smith, Inc.
James G. Smith, Inc.
Lessor

STATE OF WEST VIRGINIA,

COUNTY OF Barbour, to-wit:

I, William B. Bennett, a Notary Public in and for said County of Kanawha,

do certify that George Browning Fred W. Jarrail, whose name

is signed to the writing hereto annexed bearing date 12th November A. D., 1981,

has this day acknowledged the same before me, in my said County.

Given under my hand and official seal, this 12th day of November A. D., 1981.

William B. Bennett
Notary Public in and for Kanawha County, W. Va.

My commission expires 6 September, 1988

23-13-22
BARBOUR COUNTY, W.V.
FILED ON RECORDED

1982 FEB -1 AM 11:47

40#2.0000.

STATE OF WEST VIRGINIA, County of Barbour, To-wit:

I, Glenna G. Propst, Clerk of the County Commission of said County, do hereby certify that the foregoing writing, with Certificate thereto annexed, was this day produced to me in my office and duly admitted to record.

Witness my hand. Glenna G. Propst CLERK.

BOOK PAGE
GLENN G. PROPST, CLERK
FEE PAID \$ 2.00
GLENN G. PROPST
CLERK BARBOUR COUNTY COURT

Notary Public in and for _____ County, W. Va.

My commission expires _____

Lease No. _____	Page No. _____
Oil and Gas Lease	
FROM	
P. O. Address _____	County _____
State of _____	
TO	
Date _____, 19____	
Term _____	No. of Acres _____
Location _____	District _____
State of _____	County _____
Rec'd for Record _____, 19____	
Recorded _____, 19____	
In Book _____	Page _____
Recorded _____	
County _____	

STATE OF WEST VIRGINIA,

COUNTY OF _____, to-wit:

I, _____, a Notary Public in and for said County of _____,

do certify that _____, whose name

_____ signed to the writing hereto annexed bearing date _____ A. D., 19____,

has this day acknowledged the same before me, in my said County.

Given under my hand and official seal, this _____ day of _____ A. D., 19____.

Notary Public in and for _____ County, W. Va.

My commission expires _____

E6:

This Lease, Made and entered in'to this 12th day of November, 1981,

by and between Ware Sawmill, Inc.
P.O. Box 457
Belington W. Va. 26250

of the County of Barbour and State of West Virginia, lessor
and Eastern Intermountain Energy Ltd., lessee, WITNESSETH:

The lessor in consideration of \$ 48.00 dollar 5 paid by the lessee, the receipt of which is hereby acknowledged, do hereby grant, demise and let unto the lessee all the oil and gas and casing-head gas in and under the following described tract of land, and also the said tract of land for the purpose and with the exclusive right of drilling and operating thereon for said oil and gas, together with the right of way, and the right to lay pipes to convey water, oil, steam, and gas, and to have sufficient water and gas from the premises to drill and operate wells thereon, also such other privileges as are necessary for conducting said operations, and the right to remove at any time all property placed thereon by the lessee.

Lessee to pay a reasonable damage to growing crops by said operations.
All that certain tract of land situate in Valley District, Barbour County, and State of West Virginia, on the waters of Big Run of Tygart Valley bounded and described as follows, to-wit:

On the North by lands of _____
On the East by lands of Described in Deed Book 277, Page 109
On the South by lands of Designated as tract #2
On the West by lands of _____
containing Eleven and 9/10 (11.9) ACRES, more or less

but no wells are to be drilled within 200 feet of the dwelling house or barn now on the premises without the lessor's consent.

To have and to hold the same unto the lessee for the term of 6 months from the date hereof and as much longer as the said premises are being operated for the production of oil or gas, or as oil or gas is found in paying quantities thereon, yielding and paying to the lessor the one-eighth (1/8) part or share of all the oil saved from that produced on the premises, delivered free of expense into tank or pipe line to the lessor's credit; and should any well produce gas or casing-head gas in sufficient quantities to justify marketing the same in gas pipe line, the lessor shall be paid at the rate of one-eighth (1/8) of the market price for such gas so long as the gas therefrom is conveyed and sold off the premises, payable monthly as marketed.

Said lessee shall not be required in any event, to increase the rate of said gas well payments, or said royalty of oil by reason of any royalty or interest in said oil or gas that may have been heretofore sold, reserved or conveyed by said lessor or its predecessors in title or otherwise.

Provided, however, that this lease shall become null and void and all the rights thereunder shall cease and determine unless one well shall be completed on the said premises within 6 months from the date hereof, or unless the lessee shall pay at the rate of _____ Dollars in advance for each additional three months such completion is delayed from the time above mentioned for the completion of said well until one well is completed.

All payments may be made direct to Ware Sawmill, Inc. or deposited to credit in P.O. Box 457 at Belington P. O. Barbour County State of W. Va. or in the same manner to _____ who is hereby appointed Agent for such purpose; and 10 days grace shall be allowed on all payments that may become due under provisions of this lease.

If gas is found in paying quantities to the lessee and conveyed from the premises, the lessor may have 150,000 feet of gas annually, free of cost by laying the necessary line and making connections at lessor cost at such point as may be designated by the lessee for their own use

_____ in the mansion house on said premises, to be used with economical appliances subject to the approval of the lessee; said gas to be used at lessor's own risk and lessee not to be in any way liable for insufficient supply of gas caused by the use of pumping stations, breakage of lines or other causes, but nothing herein shall prevent the lessee from abandoning any well or wells and removing the pipe therefrom.

Lessee at his option may combine the above property with other adjacent tracts for a drilling unit of not more than three hundred (300) acres on which unit one well may be drilled. If it is productive all royalties shall be pro-rated according to acreage of each tract in the unit and no delay rental shall be due to lessor as long as such production continues, but lessor may have free gas from such unitized well as heretofore provided, and Lessor agrees to give free right of way for service lines of all other members of the unit.

All pipelines to be buried minimum of 18 inches

It is further agreed, that the second party shall, by paying all moneys due, have the right to surrender this grant at any time to the first party and thereafter be fully discharged from any and all claims whatsoever arising from any neglect or non-fulfillment of the foregoing contract.

It is understood between the parties to this agreement that all conditions between the parties hereunto shall extend to the heirs, executors, successors and assigns of the respective parties.

IN WITNESS WHEREOF, The said parties have hereunto set their hands and seals the day and year first above written.

Signed, sealed and delivered in the presence of
WARE SAWMILL, INC.
By George Branning - Pres. (SEAL)

Randall E. Dolly - Witness. (SEAL)

(SEAL)

RECEIVED
MAR 9 - 1983
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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:

001 8 500

1.0 API well number: (If not available, leave blank. 14 digits.)	_____ 47-001-1762								
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	_____ 103 Section of NGPA Category Code								
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	_____ 2855 feet								
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	_____ Eastern Intermountain Energy Seller Code Name _____ P.O. Box 902 Street _____ Belington WV 26250 City State Zip Code								
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	_____ Belington Field Name _____ Barbours WV State County State								
(b) For OCS wells:	_____ Area Name Block Number _____ Date of Lease: _____ Mo. Day Yr. OCS Lease Number								
(c) Name and identification number of this well: (35 letters and digits maximum.)	_____ Ware Sawmill # 1								
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____ _____								
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	_____ Name Buyer Code								
(b) Date of the contract:	_____ _____ Mo. Day Yr.								
(c) Estimated annual production:	_____ 35 MMcf.								
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%; text-align: center;">(a) Base Price (\$/MMBTU)</td> <td style="width:25%; text-align: center;">(b) Tax</td> <td style="width:25%; text-align: center;">(c) All Other Prices [Indicate (+) or (-)]</td> <td style="width:25%; text-align: center;">(d) Total of (a), (b) and (c)</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-)]	(d) Total of (a), (b) and (c)	_____	_____	_____	_____
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_____	_____	_____	_____						
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%; text-align: center;">(a) Base Price (\$/MMBTU)</td> <td style="width:25%; text-align: center;">(b) Tax</td> <td style="width:25%; text-align: center;">(c) All Other Prices [Indicate (+) or (-)]</td> <td style="width:25%; text-align: center;">(d) Total of (a), (b) and (c)</td> </tr> <tr> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-)]	(d) Total of (a), (b) and (c)	_____	_____	_____	_____
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_____	_____	_____	_____						
9.0 Person responsible for this application:	_____ George Williams Vice President Name Title _____ Signature _____ 1-24-84 823-1746 Date Application is Completed Phone Number								
Agency Use Only Date Received by Jurisdiction Agency APR 6 1984 Date Received by FERC									

Date 1/24 19 84

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

Operator's Well No. Ware Sawmill # 1

API Well No. 47 - 001 - 1762
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT George Williams

ADDRESS P.O. Box 902 Crim Ave

Belington WV 26250

WELL OPERATOR Eastern Intermountain Energy LOCATION: Elevation 1725

ADDRESS P.O. Box 902

Watershed Tygart Valley

Belington WV 26250

Dist Bel. Corp. County Barbour Quad Belington 7.5'

GAS PURCHASER _____

Gas Purchase Contract No. _____

ADDRESS _____

Meter Chart Code _____

Date of Contract _____

* * * * *

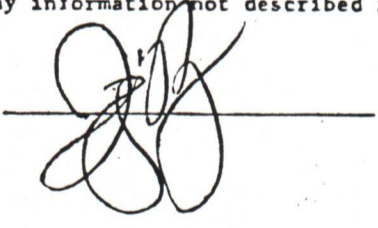
Date surface drilling was begun: 12-1-83

Indicate the bottom hole pressure of the well and explain how this was calculated:

$$\text{BHP} = P_w e^{xgls} = P_w \times 1.054$$
$$850 \times 895.9$$

AFFIDAVIT

I, Jerry Poling, 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.



STATE OF WEST VIRGINIA.
COUNTY OF Barbour TO WIT.

I, Flora E. William, a Notary Public in and for the state and county aforesaid do certify that Jerry B. Poling, whose name is signed to the writing above, bearing date the 9th day of Feb, 1984, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 9th day of Feb, 1984.
My term of office expires on the 7 day of March, 1993

Flora E. William
Notary Public

[NOTARIAL SEAL]

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

Date 1/24/ 19 84

Operator's Well No. Ware Sawmill # 1

API Well No. 47 - 001 - 1762
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. _____
(If Applicable)

OPERATOR Eastern Intermountain Energy
ADDRESS P.O. Box 902
Belington WV 26250

DESIGNATED AGENT George Williams
ADDRESS P.O. Box 902
Belington WV 26250

Purchase Contract No. _____ and Date _____
(Month, day and year)

or Chart Code _____

Name of First Purchaser _____

(Street or P. O. Box)

(City) (State) (Zip Code)

IC Seller Code _____ FERC Buyer Code _____

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 103 Section of NGPA _____ Category Code _____
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

George Williams Vice President
Name (Print) Title

George Williams
Signature

P.O. Box 902
Street or P. O. Box

Belington WV 26250
City State (Zip Code)

() _____
Area Phone Number
Code

(Certificate of Proof of Service to Purchaser)

_____ 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 1976. (A) or for determination that increased production is the result of enhanced recovery technology under Section 106 of (NGPA); or for determination of a seasonally affected well under Section 106 of (NGPA).

All interested parties are hereby notified that on the _____ day of _____, 19____ at _____ 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 eligible for 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.

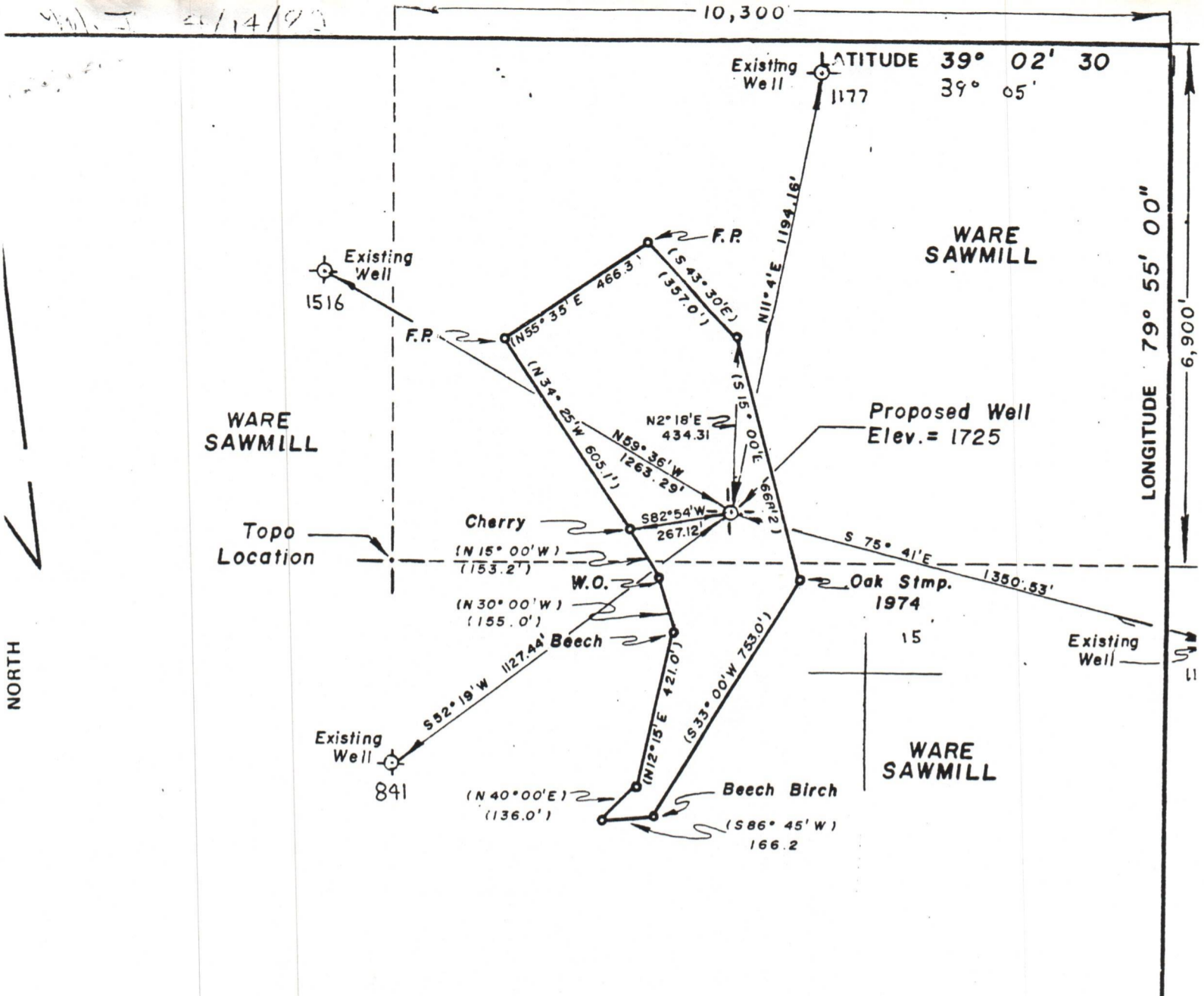
Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will be determined.

WEST VIRGINIA DEPARTMENT OF MINES

APR 6 1984

received by
Jurisdictional Agency

By _____
Title _____




Eastern Intermountain Energy Ltd.
 P.O. Box 2683
 Charleston W. Va. 25530

Note: Calls in (Parenthesis) are dead calls

FILE NO. _____ DRAWING NO. _____ SCALE <u>1" = 400'</u> MINIMUM DEGREE OF ACCURACY <u>1 in 1500</u> PROVEN SOURCE OF ELEVATION <u>Elev. 1704 At Audra Road Bridge Crossing Big Run</u>	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) <u><i>William E. Bennett</i></u> R.P.E. <u>5953</u> L.L.S. <u>500</u>	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 DEC. 15, 19 81
 OPERATOR'S WELL NO. Ware 1
 API WELL NO. 47 - Barbour - 1762
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1725 WATER SHED Tygart Valley River
 DISTRICT Belington Corporate COUNTY Barbour
 QUADRANGLE Belington W. Va.

SURFACE OWNER Ware Sawmill ACREAGE 11.9
 OIL & GAS ROYALTY OWNER Ware Sawmill LEASE ACREAGE 11.9
 LEASE NO. _____

PROPOSED WORK: DRILL X 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 Balltown ESTIMATED DEPTH 2900'
 WELL OPERATOR Eastern Intermountain Energy Ltd. DESIGNATED AGENT Mr. William E. Bennett
 ADDRESS P.O. Box 2683 ADDRESS P.O. Box 2683
Charleston W. Va. 25530 Charleston W. Va. 25530