



1) Date: March 5, 19 83
2) Operator's Well No. 1 RENEWAL
3) API Well No. 47 001 1734-REN. 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: 1710 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 Crab Bottom Lbr.
Address Belington, WV 26250
Acreage 1/2 acre
- 8) SURFACE OWNER Same
Address
Acreage
- 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) COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address
- 15) PROPOSED WORK: Drill XX / Drill deeper / Redrill / Fracture or stimulate X
Plug off old formation / Perforate new formation
Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Haverty Sd
- 17) Estimated depth of completed well, 5000 ft
- 18) Approximate water strata depths: Fresh, 60,135 feet; salt, feet.
- 19) 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 5/8					1000 ft	1000 ft	to surface	NEAT
Production	4 1/2					5000 ft	5000 ft	back to 2600 ft	Depth 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 47-001-1734-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>IS</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee <u>500.00</u> <u>Member</u>
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Administrator, Office of Oil and Gas

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 _____

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: 5000' ROTARY CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Haverty Sd.
 TYPE OF WELL: OIL _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT LIFT 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	5000'	5000'	back to 2600'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60,135 FEET SALT WATER FEET _____
 APPROXIMATE COAL DEPTHS none
 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

MAR 15 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 15 March, 1982

Surface Owner Crab Bottom Lbr.
Address Belington, WV
Mineral Owner same
Address same
Coal Owner same
Address same
Coal Operator none
Address ---

Company Eastern Intermountain Energy
Address Box 2683, Charleston, WV 25330
Farm Crab Bottom Lbr. Acres 1/2
Location (waters) Tygart Valley River
Well No. 1 Elevation 1710'
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 11-30-82
BY [Signature]

INSPECTOR
TO BE NOTIFIED Mr 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 6th October 1981 by A. Zirkle for CBL, Co. made to Eastern Intermountain and recorded on the 2nd 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.

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

Very truly yours,
Eastern Intermountain Energy
(Sign Name) William J. Bennett
Well Operator

Address Box 2683 Street
of
Well Operator Charleston City or Town
WV 25330 State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

47-001-1734

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by _____

BLANKET BOND



OFFICE USE ONLY

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

1) WELL OPERATOR: Belmonton Corp. District: Belmonton County: Belmont State: West Virginia
 2) LOCATION: Belmonton Elevation: 1710
 3) PROPOSED WELL WORK: Drill 2" deeper
 4) APPROXIMATE COAL SEAM DEPTH: Unknown
 5) APPROXIMATE GAS DEPTH: 60.135
 6) ESTIMATED DEPTH OF CONFINED WELL: 5000
 7) GEOLOGICAL TARGET FORMATION: Haverly SS.
 8) OIL & GAS INSPECTOR TO BE NOTIFIED: None
 9) WELL OPERATOR ADDRESS: P.O. Box 902 Belmont, W.V. 26020
 10) DRILLING CONTRACTOR: Unknown
 11) APPROXIMATE COAL SEAM DEPTH: Unknown
 12) APPROXIMATE GAS DEPTH: 60.135
 13) ESTIMATED DEPTH OF CONFINED WELL: 5000
 14) GEOLOGICAL TARGET FORMATION: Haverly SS.
 15) OTHER PHYSICAL CHANGE IN WELL (specify):
 16) FORMER OLD FORMATION: None
 17) DRILL DEPTH: 2"
 18) DRILLING CONTRACTOR ADDRESS: Unknown
 19) WELL OPERATOR ADDRESS: P.O. Box 902 Belmont, W.V. 26020
 20) WELL OPERATOR DESIGNATED AGENT: George Williams
 21) COUNTY: Belmont
 22) DISTRICT: Belmonton
 23) ELEVATION: 1710
 24) WATERBODIES: Towers Valley River
 25) UNDERGROUND STORAGE: None
 26) DEPTH: Shallow

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	Follow-up inspection(s)
Well work started	" "
Completion of the drilling process	" "
Well Record received	" "
Reclamation completed	" "

OTHER INSPECTIONS

Reason: _____

Reason: _____

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1) Date: November 18, 19 83
 2) Operator's Well No. Renewal 1
 3) API Well No. 47 - 001 - 1734-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 X / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 1710 Watershed: Tygart Valley River
 District: Belington Corp County: Barbour Quadrangle: Belington 7 1/2
- 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 XX /
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Haverty Sd.
- 12) Estimated depth of completed well, 5000 feet
- 13) Approximate trata depths: Fresh, 60,135 feet; salt, feet.
- 14) Approximate coal seam depths: Unknown Is coal being mined in the area? Yes / 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		
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					5000ft	5000ft back to 2600ft	as set or as req. by rule 15.01
Tubing								Perforations:
Liners								Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-001-1734-REN

Date December 5, 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. 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 5, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>CD</u>	<u>YMH</u>	<u>YMH</u>	<u>YMH</u>	<u>164</u>

T. H. [Signature]
 Administrator, Office of Oil and Gas

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

File

A6

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
Crab Bottom Lumber, Inc.	Eastern Intermountain Energy	1/8	89/626

AS

1) Date: November 18, 1983
2) Operator's Well No. Renewal
3) API Well No. 47 001 1734 ca
State County Permit

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 Crab Bottom Lumber
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

WELL OPERATOR Eastern Intermountain Energy, Inc.
By George D. Williams
Its Address P.O. Box 902
Belington, WV 26250
Telephone 823-1746

this 29 day of November, 1983.
My commission expires March 7, 1993
Flora E. Williams
Notary Public, Barbour County,
State of W.VA



1) Date: November 18, 19 83
 2) Operator's Well No. Renewal 1
 3) API Well No. 47 State 001 County 173 Permit

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

- 4) WELL TYPE: A Oil _____ / Gas XX /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1710 Watershed: Tygart Valley River
 District: Belington Corp County: Barbour Quadrangle: Belington 7
- 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 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name Unknown
 Address Elkins, WV Address _____
Phone 636-8798
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate XX /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Haverty 3d.
- 12) Estimated depth of completed well, 5000 feet
- 13) Approximate strata depths: Fresh, 60,135 feet; salt, _____ feet.
- 14) Approximate coal seam depths: Unknown Is coal being mined in the area? Yes _____ / 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		Kinds	Sizes
Conductor	<u>11 3/4</u>					<u>40ft</u>	<u>40ft</u>			
Fresh water										
Coal										
Intermediate	<u>8 5/8</u>					<u>1000ft</u>	<u>1000ft to surface</u>			
Production	<u>4 1/2</u>					<u>5000ft</u>	<u>5000ft back to 26250</u>			
Tubing										
Liners										

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: CD 11/18/83, 19 _____ By: _____
 Its: _____

SURFACE OWNER'S COPY



1) Date: November 18, 19 83
 2) Operator's Well No. Renewal 1
 3) API Well No. 47 State 001 County 1721 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: 1710 Watershed: Tygart Valley River
 District: Belington Corp County: Barbour Quadrangle: Belington 78
 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 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name Unknown
 Address Elkins, WV Address _____
Phone 626-8798
 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate XX /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Haverty Sd.
 12) Estimated depth of completed well, 5000 feet
 13) Approximate strata depths: Fresh, 60,135 feet; salt, _____ feet.
 14) Approximate coal seam depths: Unknown Is coal being mined in the area? Yes _____ / 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			
Conductor	<u>11 3/4</u>					<u>40ft</u>	<u>40ft</u>			Kinds
Fresh water										Sizes
Coal										
Intermediate	<u>8 5/8</u>					<u>1000ft</u>	<u>1000ft to surface</u>			Depths set
Production	<u>4 1/2</u>					<u>5000ft</u>	<u>5000ft back to 260</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.) (For execution by natural persons)
 NAME: FOR CUMMIS BOTTLE & CO. _____ Date: _____
 By _____ (Signature)
 Its _____ Date _____ (Signature)

**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.

A9

Carroll Radabaugh gives permission for Crab Bottom Lumber Co., Inc.
to drill a well within 200 feet of his property on Gall Street and
Huff Street in Belington, WV.

James C. Radabaugh

I, Flora E. Williams a Notary Public in and
for said County of Barbour, do certify that James
Carroll Radabaugh signed the writing above.

My Commission expires March 7, 1993.

A-10

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. 1734 located in Belington, Corp District, Barbour County, West Virginia, upon the person or organization named--

Crab Bottom Lumber

--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 _____.

[Signature]
(Signature of person executing service)

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

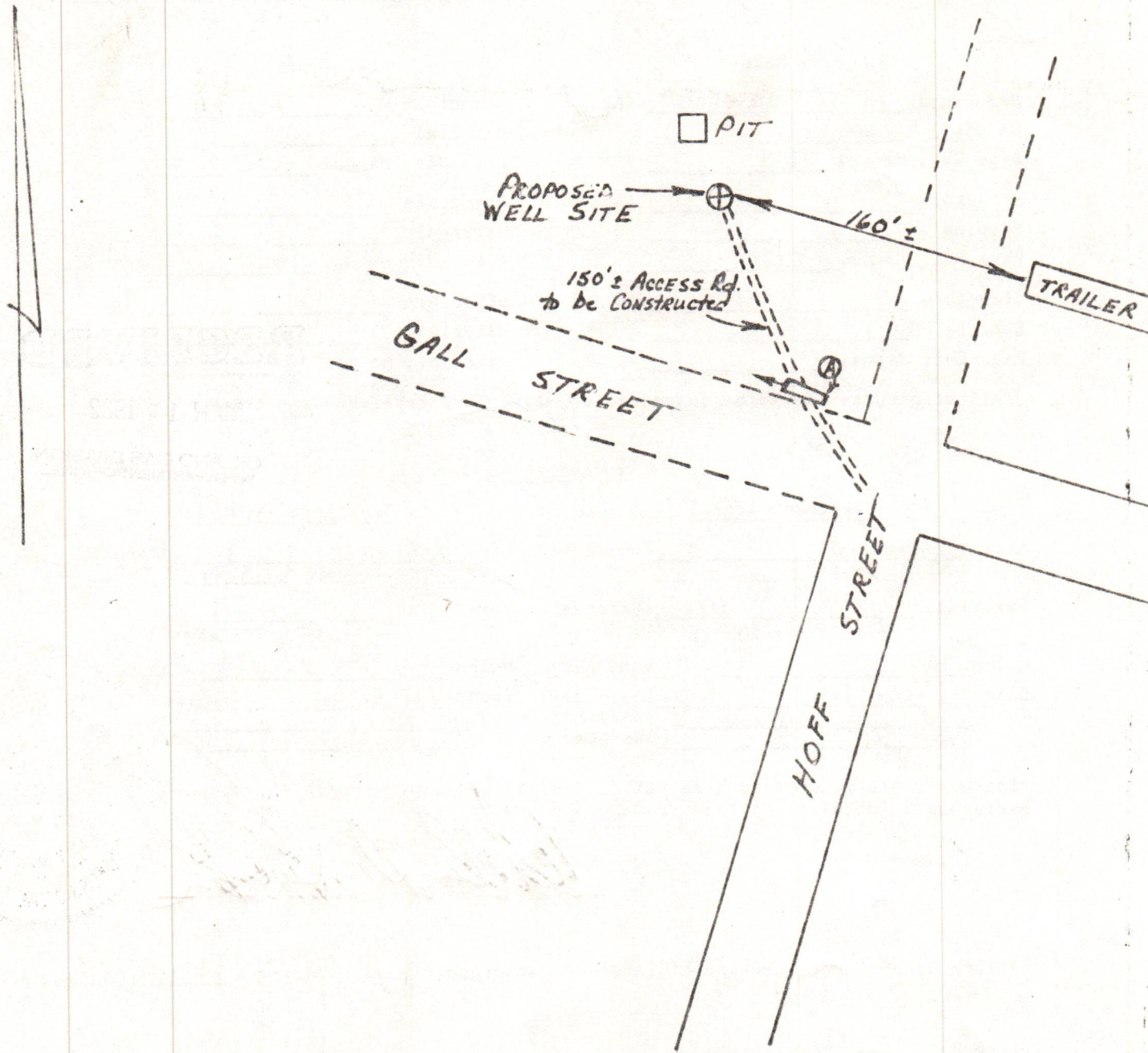
Flora E. Williams
Notary Public

A 12

- 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 on uphill side of road where necessary.
- 5) Timber to be cut stacked, and burned.

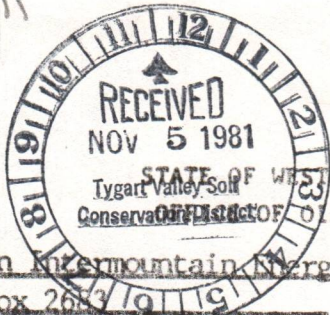
Signature: _____

Agent

Address

Phone Number

A-11



Date August 18 1981
Well No. _____
API No. 47 - Barbour - 1734-Ren.
State _____ County _____

Company Name Eastern Intermountain Energy Designated Agent William E. Bennett
Address P.O. Box 2683 Address P.O. Box 2683
Telephone Charleston, W. Va. 25330 Telephone Charleston, W. Va. 25330
Landowner Crab Bottom Lumber Co., Inc. Soil Cons. District Tygart Valley SCD

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

This plan has been received by Tygart Valley SCD. All corrections and additions become a part of this plan. 11-5-81 (Date) J. M. ... (SCD Agent)

Access Road	Location
Structure <u>12" CMP culvert</u> (A)	Structure _____ (1)
Spacing <u>one only</u>	Material _____
Page Ref. Manual <u>I-8</u>	Page Ref. Manual _____
Structure _____ (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

RECEIVED

All structures should be inspected regularly and repaired if necessary. MAR 15 1982

Revegetation

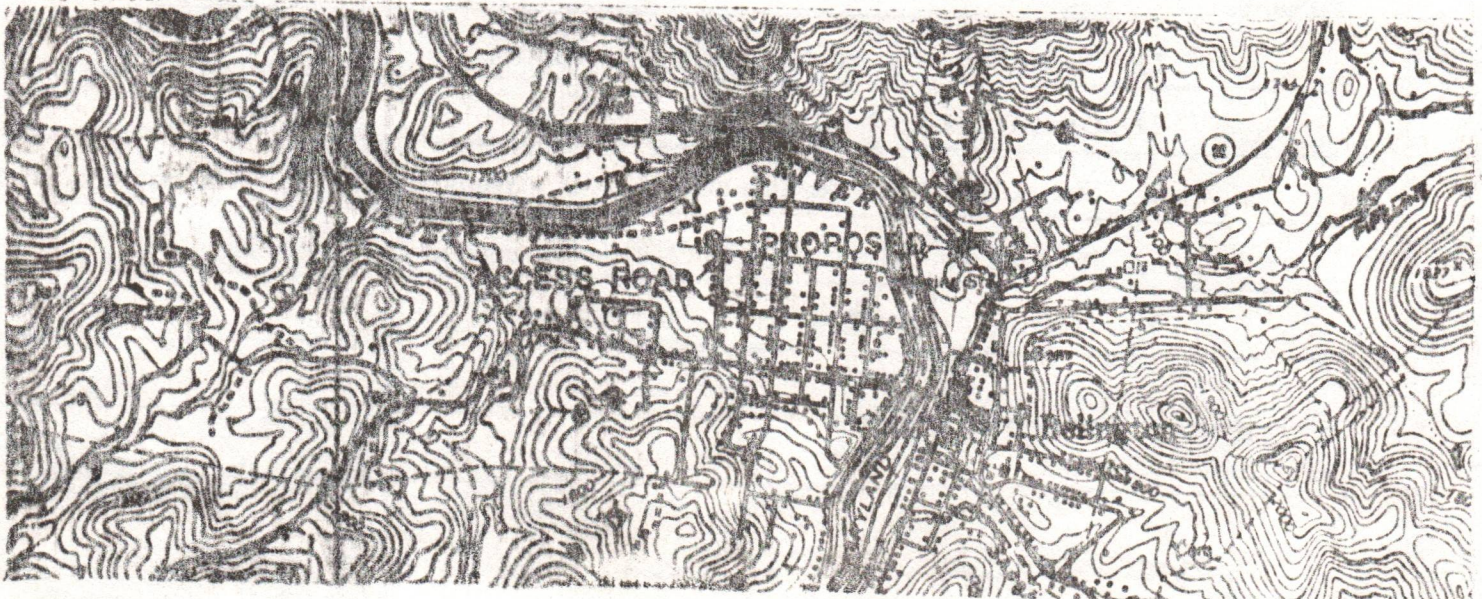
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Treatment Area I		Treatment Area II	
Lime <u>Estimated</u> <u>3</u> Tons/acre	Lime <u>Estimated</u> <u>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</u> <u>2</u> Tons/Acre	Mulch <u>Hay</u> <u>2</u> Tons/Acre		
Seed <u>Kentucky 31</u> <u>40</u> lbs/acre	Seed <u>Kentucky 31</u> <u>40</u> lbs/acre	<u>Birdsfoot Trefoil</u> <u>10</u> lbs/acre	<u>Birdsfoot Trefoil</u> <u>10</u> lbs/acre
<u>Ryegrass</u> <u>10</u> lbs/acre	<u>Ryegrass</u> <u>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. 7.5'

Legend: Well Site
 Access Road



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

Perforated Fox & Elk; (4855-4990) 14 holes, Frac with 500 gal., mod 202
100 sks. 80/100, 200 sks. 20/40, Avg psi 3000, Avg. rate 28

Perforated Elk: (4042-4220) 16 holes, Frac with 750 gal. 15% HCl, 150 sks. 80/100,
300 sks. 20/40, Avg. psi 2550, Avg rate 37 BPM

Perforated Renson & Riley: (3729-3818) 16 holes, Frac with 750 gal. 15% HCl,
150 sks. 80/100, 300 sks. 20/40

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS												
					Including indication of all fresh and salt water, coal, oil and gas												
sd/sh			0	70	<p style="text-align: center;">Formations</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Little Lime</td> <td style="text-align: right;">1280</td> </tr> <tr> <td>Big Lime</td> <td style="text-align: right;">1325</td> </tr> <tr> <td>Elizabeth</td> <td style="text-align: right;">2450</td> </tr> <tr> <td>Balltown</td> <td style="text-align: right;">2835</td> </tr> <tr> <td>Benson</td> <td style="text-align: right;">3818</td> </tr> <tr> <td>Haverty</td> <td style="text-align: right;">4985</td> </tr> </table>	Little Lime	1280	Big Lime	1325	Elizabeth	2450	Balltown	2835	Benson	3818	Haverty	4985
Little Lime	1280																
Big Lime	1325																
Elizabeth	2450																
Balltown	2835																
Benson	3818																
Haverty	4985																
coal			70	74													
sd/sh			74	890													
RR			890	950													
sd/sh			950	1280													
L-Lime			1280	1290													
sh			1290	1325													
B-Lime			1325	1451													
Injun			1451	1574													
sh/sd/sh			1574	2230													
sd			2230	2248													
sh/sd/sh			2248	2857													
sh			2857	2907													
sd/sh			2907	5325													
TD				5325													

(Attach separate sheets as necessary)

Eastern Intermountain Energy
Well Operator

By: *[Signature]*

Date: *2/6/84*

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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

RECEIVED

JAN 4 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-1734

Oil or Gas Well _____
(KIND)

Company Coston Intermountain

Address _____

Farm Crab-Bottom Lumber Co

Well No. 1

District Belington City County Barbour

Drilling commenced _____

Drilling completed _____ Total depth 1605

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4	<u>1150</u>	<u>1150</u>	<u>300 2" cement</u>
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: _____

1-1-84
DATE

Phillip Drey
DISTRICT WELL INSPECTOR

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

INSPECTOR'S WELL REPORT

Permit No. 001-1734

Oil or Gas Well
(KIND)

Company Eastern Intervention

Address _____

Farm Cook Bolton Lumber co

Well No. 1

District Belington City County Barbar

Drilling commenced _____

Drilling completed _____ Total depth 5320

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

Open flow after tubing _____ /10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: W. 5320

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JAN 9 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

1-3-84

DATE

Philip J. [Signature]
DISTRICT WELL INSPECTOR

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

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JAN 18 1984

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

Permit No. 001-1734

Oil or Gas Well _____
(KIND)

Company Eastern Submarine
 Address _____
 Farm Crop Bottom Lumber Co.
 Well No. 1
 District Belington City County Barlow
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8 1/4			
6 3/4			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Da
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCH
 _____ FEET _____ INCHES _____ FEET _____ INCH
 _____ FEET _____ INCHES _____ FEET _____ INCH

Drillers' Names _____

Remarks: Checked location with George Walleris

Jan 12, 84
DATE

Phillip Long
DISTRICT WELL INSPECTOR



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AUG 13 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia

Department of ~~State~~ *Energy*

Oil and Gas Division

Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
May 31, 1984

COMPANY Eastern Intermountain Energy

PERMIT NO 001-1734 ~~REN~~ (12-05-83)

P. O. Box 902

FARM & WELL NO Crab Bottom Lumber #1

Belington, West Virginia 26250

DIST. & COUNTY Belington Corp./Barbour

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

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

SIGNED *David R. Ellis*

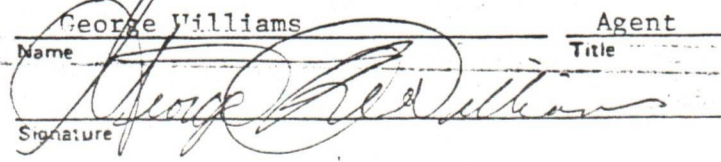
DATE 8-7-85

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. H. v. B.
Administrator-Oil & Gas Division

August 22, 1985
DATE

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APR 6 1984

1.0 API well number: (If not available, leave blank. 14 digits.)	47-001-1734												
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA												
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4990 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 Name _____ Seller Code _____ 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 Corp. Field Name _____ Barbour _____ 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.)	Crab Bottom Lumber #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:	65 MMcf.												
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <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> <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> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	_____	_____	_____	_____	_____	_____	_____	_____
(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)										
_____	_____	_____	_____										
_____	_____	_____	_____										
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <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> <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> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	_____	_____	_____	_____	_____	_____	_____	_____
(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)										
_____	_____	_____	_____										
_____	_____	_____	_____										
9.0 Person responsible for this application:	George Williams _____ Agent Name _____ Title _____  Signature _____ Feb 9 1984 _____ 823-1746 Date Application is Completed _____ Phone Number _____												
Agency Use Only Date Received by Juris. Agency APR 6 1984 Date Received by FERC													

DATE: MAY - 1 1984

BUYER-SELLER CO

PARTICIPANTS:

WELL OPERATOR: Eastern Intermountain Energy

FIRST PURCHASER: X

OTHER: _____

Dev

W. Va. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
840406-107-001-1734
 Use Above File Number on all Communications
 Relating to Determination of this Well

APPROVED

JUN 11 1984

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1. FERC -121 _____ Items not completed - Line No. _____
2. IV-1 Agent _____
3. IV-2 Well Permit _____
4. IV-6 Well Plat _____
5. IV-35 Well Record _____ Drilling _____ Deepening _____
6. IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
7. IV-39 Annual Production _____ years
8. IV-40 90 day Production _____ Days off line: _____
9. IV-48 Application for certification. Complete? _____
- 10-17. IV Form 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? _____ Affidavit Signed _____
- 18-28. Other: Survey _____ Logs _____ Geological Charts _____
 Structure Map _____ 1: 4000 Map _____ Well Tabulations _____
 Gas Analyses _____
- (5) Date commenced: _____ Date completed _____ Deepened _____
- (5) Production Depth: _____
- (5) Production Formation: _____
- (5) Final Open Flow: _____
- (5) After Frac. R. P. _____
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: _____
- (8) Avg. Daily Gas from 90-day ending w/1-120 days _____
- (8) Line Pressure: _____ PSIG from Daily _____
- (5) Oil Production: _____ From Completion Report _____
- 10-17. Does lease inventory indicate enhanced recovery being done _____
- 10-17. Is affidavit signed? _____ Notarized? _____
- Does official well record with the Department confirm the submitted information _____
- Additional information _____ Does computer program confirm? _____
- Was Determination Objected to _____ By Whom? _____

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

Date Feb. 9, 1984

Operator's Well No Crab Bottom Lumber #1

API Well No 001 - 1734
State County Parcel

WELL CLASSIFICATION FORM
HIGH COST GAS WELL - DEVONIAN SHALE

MGPA Section 107

DESIGNATED AGENT George Williams

ADDRESS Box 902
Belington, WV 26250

WELL OPERATOR Eastern Intermountain Energy

ADDRESS Box 902
Belington, WV 26250

LOCATION: Elevation 1710

Watershed Tygart Valley
Dist Belington County Barbour Quad Belington

GAS PURCHASER _____

ADDRESS _____

Gas Purchase Contract No. _____

Meter Chart Code _____

Date of Contract _____

* * * * *

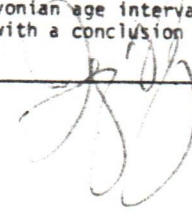
Date surface drilling began: 12-28-83

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

$$P_f = P_w e^{xGLS} = 2036.85$$

AFFIDAVIT

I, Jerry B. Poling, having been first sworn according to law, state that, I have calculated the percentage of footage of the producing interval which is not Devonian shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.



STATE OF WEST VIRGINIA,
COUNTY OF Barbour, TO WIT:

I, Flora E. Williams, 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. Williams
Notary Public

[NOTARIAL SEAL]

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

Date Feb. 9, 1984

Operator's Well No. Crab Bottom Lumber #1

API Well No. 47 - 001 - 1734
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. (If Applicable)

WELL OPERATOR Eastern Intermountain Energy
ADDRESS Box 902
Belington, WV 26250

DESIGNATED AGENT George Williams
ADDRESS Box 902
Belington, WV 26250

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

meter Chart Code

name of First Purchaser

(Street or P. O. Box)
(City) (State) (Zip Code)

FERC Seller Code FERC Buyer Code

TYPE OF DETERMINATION BEING SOUGHT:

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

107 Devonian Shale
Category Code

George Williams Agent
Name (Print) Title
Signature
Box 902
Street or P. O. Box
Belington, WV 26250
City State (Zip Code)
(304) 823-1746
Area Code Phone Number

ertificate of Proof of Service to Purchaser)

ll 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 107 under the Natural Gas Policy Act of 1976. (NGPA); 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 the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____

Initial review of information submitted indicates the well is, is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter 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 proceed to determination.

WEST VIRGINIA DEPARTMENT OF MINES

APR 6 1984

received by
Jurisdictional Agency

By [Signature]
Title _____

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT

Operator: Eastern Intermountain Energy Agent: George Williams
 Type Determination being sought - 107 (Devonian Shale)
 API Well No.: 47-001-1734 Well Name: Crab Bottom Lumber #1
 West Virginia Office of Oil and Gas County: Barbour
 References: SJA File No.

Vol. Page Line

I. NOTE: A Gamma Ray Log has been marked with the (a) Shale Base Line, (b) a line representing 0.7 x (Shale Base Line), (c) intervals with Gamma Ray units less than 0.7 x (Shale Base Line) and that log is included with this analysis.

II. Gamma Ray elevation indices:

A. Shale Base Line (API Units)

1. GR Value at Base Line = 160 * API Units
2. Remarks:
 Taken from 4250' to 4550'

B. Gamma Ray Log Value at 0.7 x Value at Base Line

1. GR Value = 160 * API Units
2. Calculation: $\frac{0.7 \text{ (GR Value at Base Line)}}{0.7 \text{ (} \underline{160} \text{ *)} = \underline{112} \text{ API Units}$

II. Intervals with GR index less than 0.7 x (Value at Base Line):

Interval		Thickness of Interval Feet	Feet of less than* 0.7 (Shale Base Line) Feet
From**	To***		
1854	2600	746	110
2600	3000	400	38
3000	4000	1000	0
4000	5000	1000	1
5000	5326	326	0

Total Devonian Interval 3472

Total Less Than 0.7 (Shale Base) 149

Less Than 0.7 (Shale Base Line) = $\frac{149}{3472} \times 100 = \underline{4.291\%}$

*Marked on log included with analysis.
 **Top of Devonian Section Recorded on First Interval in this Column.
 ***Lesser of TD or Bottom of Devonian Section Recorded as last Interval in this Column.

STATE OF WEST VIRGINIA,

COUNTY OF Barbour, to-wit:

BOOK 89 PAGE 627

I, William B. Bennett a Notary Public in and for said County of Kanawha
do certify that Crab Bottom Turkey Mine Diamond Trickle Pad, whose name
is signed to the writing hereto annexed bearing date 16th February A. D., 1982,
ha this day acknowledged the same before me, in my said County.

Given under my hand and official seal, this 16th day of February A. D., 1982.

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

My commission expires 6 Sept 1988

BARBOUR COUNTY, W.V.
FILED OR RECORDED

1982 FEB 17 PM 11:13

BOOK 89 PAGE 626
GLENN A. PROPST, CLERK

FEE PAID \$2.00
GLENN A. PROPST
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.

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

My commission expires _____

Lease No. _____ Page No. _____
Oil and Gas Lease

FROM

P. O. Address _____
State of _____
County, _____
TO

Date	Term	Location	No. of Acres	District	County	Rec'd for Record	Recorded	In Book	Recorded	County
19						19	19			

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____,
ha 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 _____

This Lease, Made and entered in 'o this 16 day of February, 1982

by and between Crab Bottom Lumber Inc. Box 155 Belington, WV 26250

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

The lessor in consideration of Seventy-five dollar S. 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 City of Belington District, Barbour County, and State of West Virginia, on the waters of Tygart Valley River

bounded and described as follows, to-wit: 18 City lots in the C.F. Teter Addition to the City of Belington, described as follows: Lots 2, 4, 6, 8, 10, of Block 5; Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, & 14 of Block 4.

containing 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 18 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 18 months from the date hereof, or unless the lessee shall pay at the rate of Three hundred (\$300.00) 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 Crab Bottom Lumber, Inc. or deposited to product is marketed credit in Crab Bottom Lumber Inc. Belington P. O. Barbour County

State of 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 300 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 use

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.



Pipelines must be buried a minimum of two feet.

Lessor is to provide lessor with notarized affidavit granting permission to drill within 200 feet of all neighbors dwellings. Lessee shall not drill any well within 1500 ft. of these premises unless and until a well is completed and gas or oil is marketed on Lessors premises

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 part 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

RECEIVED [Signature] (SEAL)

NOV-2-1-1983

OIL & GAS DIVISION DEPT. OF MINES (SEAL)

EQ

(304) 823-1746
(203) 637-4673



EASTERN INTERMOUNTAIN ENERGY INC.

OIL & GAS EXPLORATION
AND DEVELOPMENT

CRIM AV. BOX 902, BELINGTON, WV 26250
P.O. BOX 444, OLD GREENWICH, CT 06870

Crab Bottom Lumber
Belington, WVa. 26250

November 15, 1983

Mr. Armond Zirkle,

Enclosed is Eastern Intermountain Energy check of \$300.00 for additional three months on original lease as specified in the original lease.

Sincerely,



Paul J. Scholtz

PJS/few

RECEIVED

NOV 21 1983

OIL & GAS DIVISION
DEPT. OF MINES

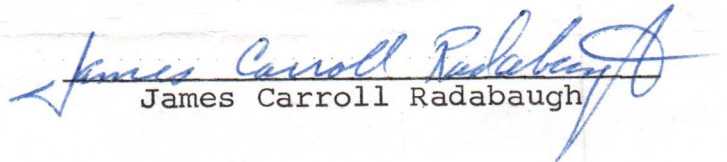
E9

THIS WAIVER, Entered into this 24 day of March, 1982, by and between James Carroll Radabaugh, Single, and Eastern Inter-Mountain Energy, LTD. and Crab Bottom Lumber Company,

WHEREAS, Eastern intends to drill a gas well on property owned by Crab Bottom Lumber Company and there is a possibility that said well will be located within 200 feet of the residence owned by said Radabaugh, and the said Radabaugh desires to grant a Waiver of said limitation,

NOW THEREFORE, For and in consideration of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, the above Radabaugh does hereby waive the 200 foot limitation prescribed by law insofar as it concerns the drilling of said oil and gas well on property owned by Crab Bottom Lumber Co., Inc.; provided further that said well shall be drilled on property owned by the lumber company and not on the lot owned by Radabaugh, situate on Huff and Gall Streets, in the City of Belington, Barbour County, West Virginia.

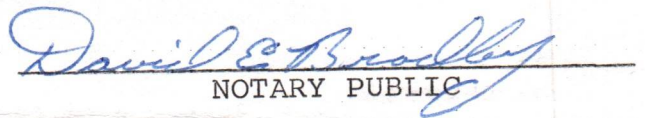
WITNESS the following signature:


James Carroll Radabaugh

STATE OF WEST VIRGINIA,
COUNTY OF BARBOUR, SS:

The foregoing instrument was acknowledged before me this 24 day of March, 1982, by James Carroll Radabaugh.

My commission expires 18 Aug 1991.


NOTARY PUBLIC

BAR-1734

Consent
& Waiver

Micro-Fisc

E 10

(304) 823-1746
(203) 637-4673



EASTERN INTERMOUNTAIN ENERGY INC.

OIL & GAS EXPLORATION
AND DEVELOPMENT

CRIM AV. BOX 902, BELINGTON, WV 26250
P.O. BOX 444, OLD GREENWICH, CT 06870

RECEIVED
MAY 8 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston, WV 25305

May 4, 1984

Attention: Mr. Patrick E. Lewis

Dear Mr. Lewis,

Enclosed are the two completed Well Records form (IV-35) which you returned to EIE for corrections per your request, dated April 23, 1984.

Regarding Form IV-36, our wells have not yet been connected to the transmission line. When this event occurs, EIE will file this form within the proper period.

Sincerely,

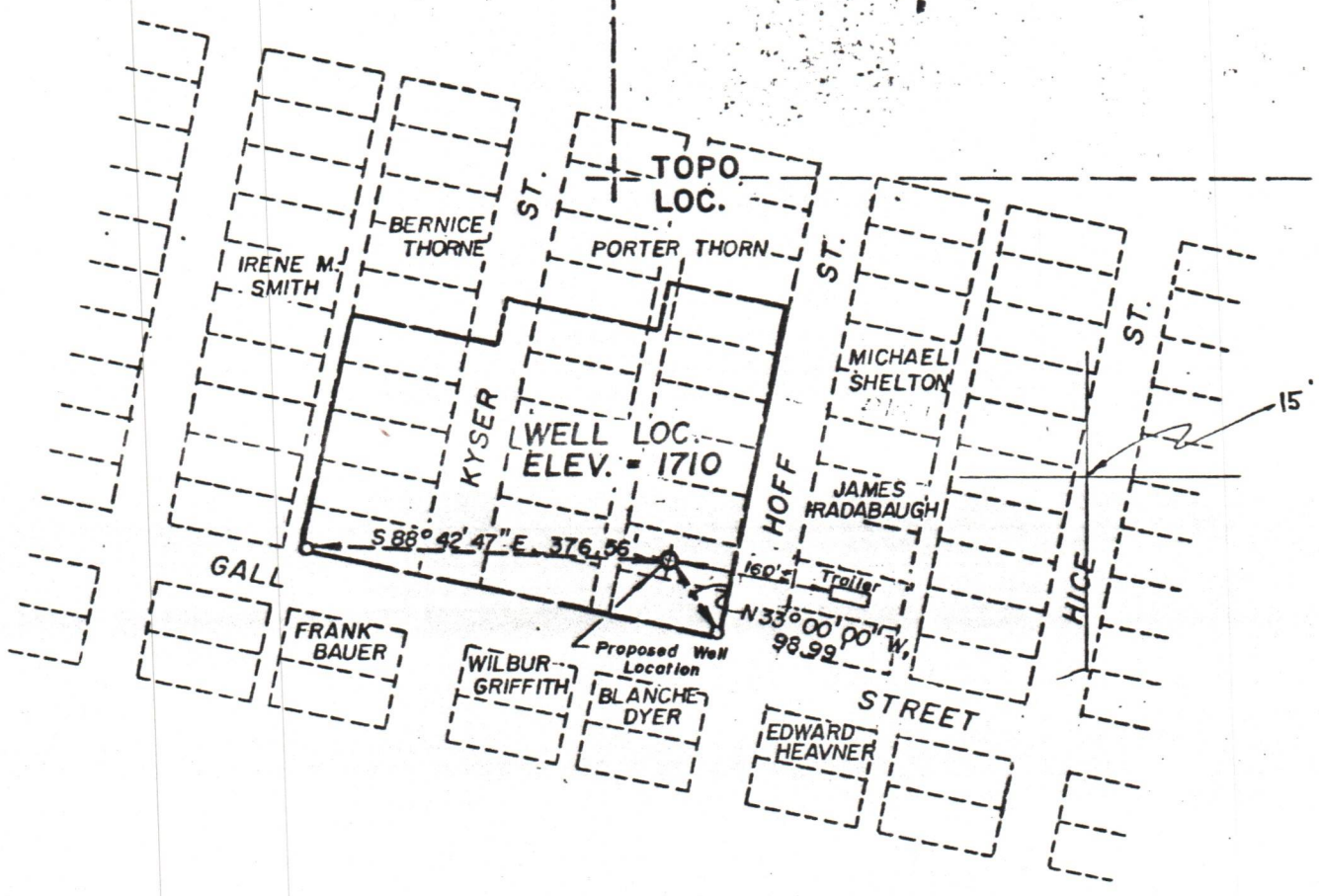
Paul J. Scholtes
President

111.3 3-17-82

LATITUDE 39° 02' 30"
39° 05'

LONGITUDE 79° 55' 00"

NORTH



Eastern Intermountain Energy Ltd.
 P.O. Box 2683
 Charleston, W. Va. 25330

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1/1500
 PROVEN SOURCE OF ELEVATION BM 2900' ± SE of loc. Elev. = 1704'

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) *William D. Shecker*
 R.P.E. 5953 L.L.S. 500



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



DATE August 18, 19 81
 OPERATOR'S WELL NO. ONE
 API WELL NO. 2001
 47 - Barbour - 1734 - Ren
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP SHALLOW ___
 LOCATION: ELEVATION 1710 WATER SHED Tygart Valley River
 DISTRICT Valley COUNTY Barbour
 QUADRANGLE Belington 7.5
 SURFACE OWNER Crab Bottom Lumber Co., Inc. ACREAGE _____
 OIL & GAS ROYALTY OWNER Crab Bottom Lumber Co., Inc. LEASE ACREAGE 1/2
 LEASE NO. _____
 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 Haverly ESTIMATED DEPTH 5000'
 WELL OPERATOR Eastern Intermountain Energy Ltd. DESIGNATED AGENT William E. Bennett
 ADDRESS P.O. Box 2683 ADDRESS P.O. Box 2683
 Charleston, W. Va. 25330 Charleston, W. Va. 25330