

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	1200'	1200'	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 60,350 ⁶⁹⁰ FEET --- SALT WATER 1200 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.

Surface Owner Blaine Right
Address Belington, WV
Mineral Owner same
Address same
Coal Owner same
Address same
Coal Operator none
Address ---

DATE 9 April, 1982
Company Eastern Intermountain Energy Ltd.
Address Box 2683, Charleston, WV 25330
Farm B. Right Acres 58.52
Location (waters) Wolf Run
Well No. 251 Elevation 1940 1450
District Barker 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
OPERATIONS HAVE NOT COMMENCED BY 2-24-83

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 16 February 1982 by Blaine & Bessie Lea Right made to Eastern Intermountain and recorded on the 17th day of February 1982, in Barbour County, Book 89 Page 624

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

Address
of
Well Operator

Very truly yours, Eastern Intermountain Energy Ltd.
(Sign Name) William E. Beaman
Well Operator
Box 2683
Street
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.

BLANKET BOND

file

47-001-1798 PERMIT NUMBER



1) Date: March 5, 19 83
 2) Operator's Well No. 2 **RENEWAL**
 3) API Well No. 47 001 1798
 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: 1940 Watershed: Wolf Run
 District: Barker County: Barbour Quadrangle: Belington, 7 1/2
- 6) WELL OPERATOR _____ 11) DESIGNATED AGENT George Williams
 Address _____ Address P.O. Box 902
Belington, WV 26250
- 7) OIL & GAS ROYALTY OWNER Bessie Right 12) COAL OPERATOR none
 Address Box 472 Address _____
Belington, WV 26250
- 8) SURFACE OWNER same 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name Bessie Right
 Address P.O. Box 472
Belington, WV 26250
- 9) FIELD SALE (IF MADE) TO: _____ 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Address Unknown Name _____
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Stewart
 Address Box 345 Jane Lew WV
Phone 884-7728
- 15) PROPOSED WORK: Drill X / 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 Balltown Sd
- 17) Estimated depth of completed well, 2900 feet
- 18) Approximate water strata depths: Fresh, 60,350 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	<u>11 3/4</u>					<u>40 ft</u>	<u>40 ft</u>	<u>to surface</u>	<u> </u>
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>					<u>1200 ft</u>	<u>1200 ft</u>	<u>to surface</u>	<u>Neat</u>
Production	<u>4 1/2</u>					<u>2900 ft</u>	<u>2900 back to 1600 ft</u>	<u>to 1600 ft</u>	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 47-001-1798-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:	Agent:	Plat:	Casing	Fee
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

 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 _____

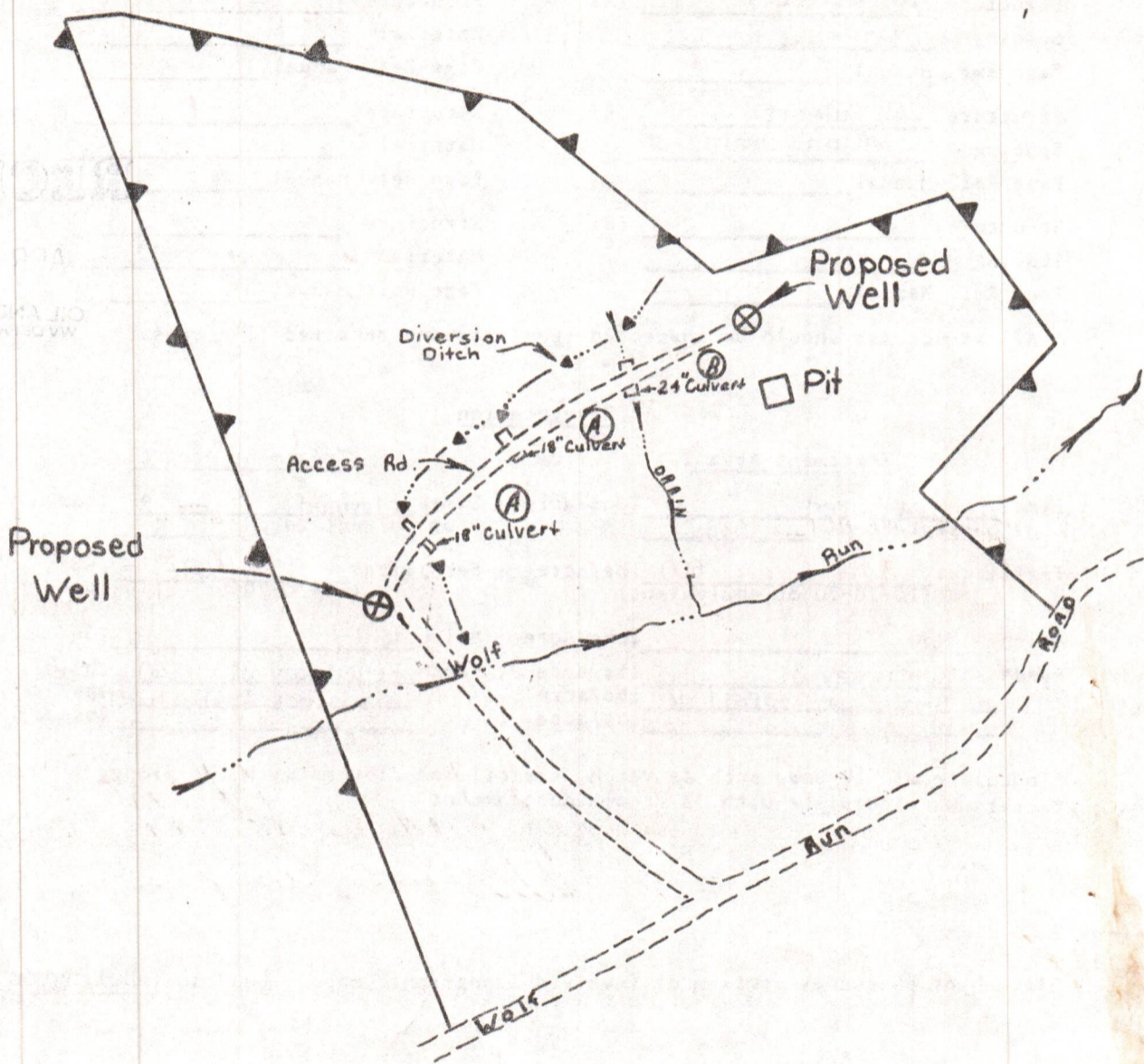
Well Site Plan

- 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.

Handwritten note: Well site plan 3-22-55



- Comments:
- 1.) Access road to be built for Right Number 1 well is to be used for this road.
 - 2.) Disturbed area to be kept to a minimum.
 - 3.) Cut slopes to be 2:1.
 - 4.) New culverts to be at natural drain areas or at 300' Max. Ditches to be cut on uphill side of road where necessary.
 - 5.) Timber and brush to be cut, stacked and burned.

Signature: _____ Address _____ Phone Number _____

_____ operation to protect new seeding for one growing season.



Company Name Eastern Intermountain Energy 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 Blain Right Soil Cons. District Barker

Revegetation to be carried out by Eastern Intermountain Energy Agent

This plan has been received by Tygart Valley SCD All corrections
and additions become a part of this plan. 3-22-82 (Date) J. Miller Hedrick (SCD Agent)

Access Road	Location
Structure <u>18" culverts</u> (A)	Structure _____ 1
Spacing <u>300' Max.</u>	Material _____
Page Ref. Manual <u>I-8</u>	Page Ref. Manual _____
Structure <u>24" Culvert</u> (B)	Structure _____ (2)
Spacing <u>At Natural Drain</u>	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

RECEIVED

APR 13 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

All structures should be inspected regularly and repaired if necessary.

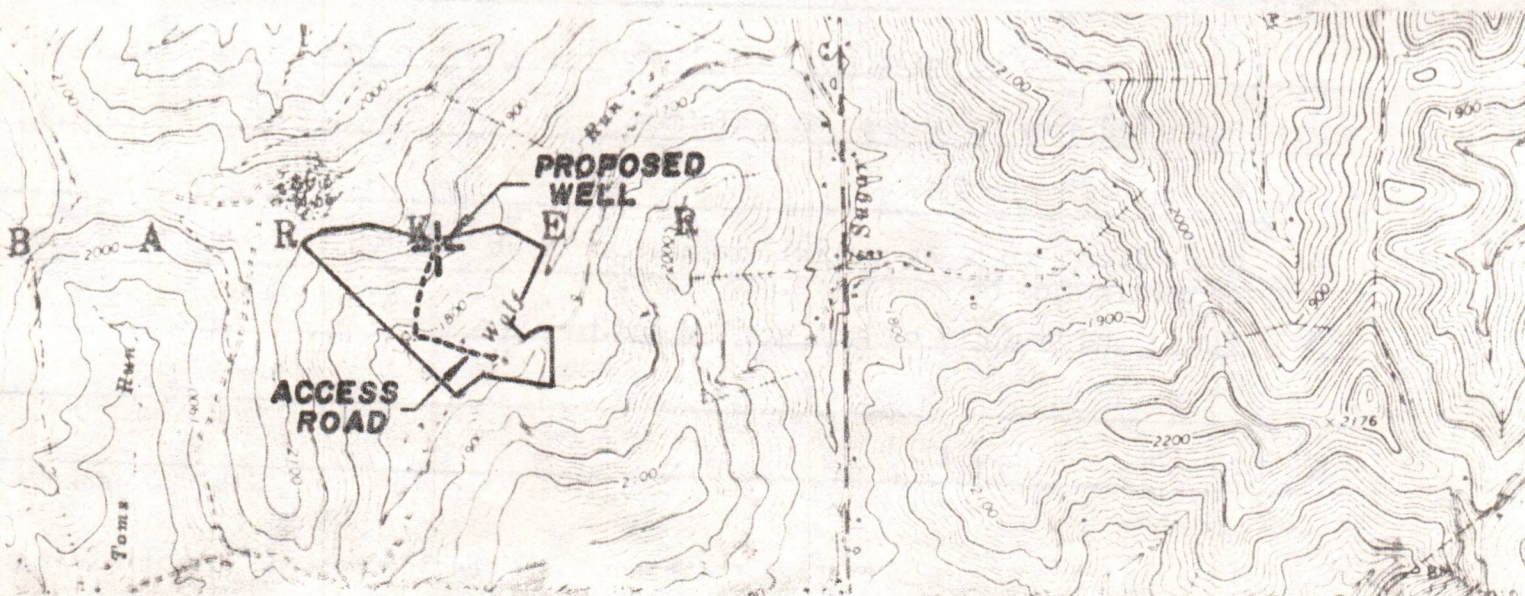
Revegetation

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 JX recommended amount.

Attach or photocopy section of involved Topographic map. Quadrangle Belington, W. Va.

Legend: Well Site
 Access Road



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

Balltown 3083-3139 (16 holes) Frac with 400 sks 20/40 sd.
414 BLS tread fluid 500 gal. Hcl

Elizabeth 2725-2746 (10 holes) Frac with 350 sks 20/40 sd.
500 gal 15 % hcl. 412 BLS treated fluid

5th sand 2561-2566 (10 holes) Frac with 250 sks 20/40 sd.
500 gal 15% hcl 328 BLS treated fluid

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
shale			0	195	
sand/shale			195	325	
coal			325	329	
sd/sh			329	1580	
Big Lime			1580	1750	
Pencil Cave			1750	1760	
Injun Sand			1760	1830	
Shale			1830	2459	
4th			2459	2472	
shale			2472	2553	
5th			2553	2561	gas odor
shale			2561	3151	
Balltown			3151	3169	
shale			3169	3469	

(Attach separate sheets as necessary)

Eastern Steamboat Energy Inc
Well Operator

By: George Williams
Date: Aug 30, 1985

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."



IV-35
(Rev 8-81)

SEP 04 1985

State of West Virginia
Department of Mines
Oil and Gas Division

Date _____
Operator's Well No. #2 _____
Farm _____ Right _____
API No. 47 - 001 - 1798

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1760 Watershed Wolf Run
District: Barker County Barbour Quadrangle Belington 7.5

COMPANY Eastern Intermountain Energy
ADDRESS Box 902, Belington, WV 26250
DESIGNATED AGENT George Williams
ADDRESS Box 902, Belington, WV 26250
SURFACE OWNER Bessie Right
ADDRESS Box 472, Belington, WV 26250
MINERAL RIGHTS OWNER Bessie Right
ADDRESS Box 472, Belington, WV 26250
OIL AND GAS INSPECTOR FOR THIS WORK _____
Phil Tracy ADDRESS _____
PERMIT ISSUED _____
DRILLING COMMENCED 11-7-83
DRILLING COMPLETED 11-10-83
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	40	40	cts
9 5/8			
8 5/8	1280	1280	cts
7			
5 1/2			
4 1/2		3230	1330
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Balltown Depth 3067 feet
Depth of completed well 3469 feet Rotary / Cable Tools _____
Water strata depth: Fresh 35' feet; Salt - feet
Coal seam depths: 325-329 Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Balltown, Elizabeth Pay zone depth 3122-3170 feet
Gas: Initial open flow show _____ Mcf/d Oil: Initial open flow show _____ Bbl/d
Final open flow 600 Mcf/d Oil: Final open flow 25 Bbl/d
Time of open flow between initial and final tests _____ hours commencing
Static rock pressure _____ psig (surface measurement) after _____ hours shut in
(If applicable due to multiple completion--)
Second producing formation 5th Sand Pay zone depth 2561-2566 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow 25 Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

Date: Sept 11, 1985

Operator's Well No. Right #2
 API Well No. 47 - 001 - 1798
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

WELL OPERATOR'S REPORT
 OF
 INITIAL GAS-OIL RATIO TEST

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

GEOLOGICAL TARGET FORMATION: Balltown Depth 3100 feet
 Perforation Interval 3083-3139 feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE <u>9-10-85</u>	TIME <u>8:00</u>	END OF TEST-DATE <u>9-11-85</u>	TIME <u>8:00</u>	DURATION OF TEST <u>24 hours</u>
TUBING PRESSURE <u>340</u>	CASING PRESSURE <u>360</u>	SEPARATOR PRESSURE <u>140</u>	SEPARATOR TEMPERATURE	
OIL PRODUCTION DURING TEST <u>5</u> bbls.	GAS PRODUCTION DURING TEST <u>50</u> Mcf		WATER PRODUCTION DURING TEST & SALINITY -----bbls. ----- p.p.m.	
OIL GRAVITY <u>42</u>	PRODUCING METHOD (Flowing, pumping, gas lift, etc.) <u>Rabbit</u>			

GAS PRODUCTION		
MEASUREMENT METHOD FLANGE TAP <input type="checkbox"/> PIPE TAP <input type="checkbox"/> L-10 <input type="checkbox"/>	POSITIVE CHOKE CRITICAL FLOW PROVER <input type="checkbox"/>	
ORIFICE DIAMETER <u>.750</u>	PIPE DIAMETER (INSIDE DIAM.) <u>2.067</u>	NOMINAL CHOKE SIZE - IN.
DIFFERENTIAL PRESSURE RANGE <u>100</u>	MAX. STATIC PRESSURE RANGE <u>500</u>	PROVER & ORIFICE DIA. - IN.
DIFFERENTIAL <u>2.7</u>	STATIC	GAS GRAVITY (Air=1.0) MEASURED <u>.650</u> ESTIMATED:
GAS GRAVITY (Air=1.0) <u>.650</u>	FLOWING TEMPERATURE <u>60</u>	GAS TEMPERATURE <u>60</u> °F
24 HOUR COEFFICIENT.		24 HOUR COEFFICIENT
		PRESSURE - psia

TEST RESULTS			
DAILY OIL <u>5</u> bbls.	DAILY WATER ----- bbls.	DAILY GAS <u>50</u> Mcf.	GAS-OIL RATIO <u>10-1</u> SCF/STB

Eastern Intermountain Energy, Inc
 Well Operator

By: George R Williams
 Its: President

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

RECEIVED

NOV 14 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 101-1798

Oil or Gas Well _____
(KIND)

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

Drillers' Names _____

Remarks: Working rig

Nov 9, 83
DATE

Philip Dwyer

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

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Installers' Names _____

Remarks: _____

DATE _____ I hereby certify I visited the above well on this date.

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

RECEIVED
NOV 14 1983

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 001-1798

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Eastern Interconnect</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>Blaine Right</u>	13			
Well No. <u>2</u>	10			Size of _____
District <u>Parker</u> County <u>Putnam</u>	8 3/4			
Drilling commenced _____	6 3/4			Depth set _____
Drilling completed _____ Total depth <u>500</u>	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Drilled at 500

Nov 8, 83
DATE

Philip Long
DISTRICT WELL INSPECTOR

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

DATE I hereby certify I visited the above well on this date.

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

RECEIVED
MAY 23 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES
Oil or Gas Well (KIND)

Permit No. 001-1798

Company Eastern International

Address _____

Farm Blaine Right

Well No. 2

District Barker County Barbours

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

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

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

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

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

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Checking reclamation work.

5-14-84
DATE

Philip Gray
DISTRICT WELL INSPECTOR

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

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

DATE _____ I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR _____

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

RECEIVED
MAY 30 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-1798

Oil or Gas Well _____
(KIND)

Company Eastern Intermountain

Address _____

Farm Blaine Right

Well No. 2

District Barker County Barker

Drilling commenced _____

Drilling completed _____ Total depth _____

Date shot _____ Depth of shot _____

Initial open flow _____ /10ths Water in _____ Inch

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

Volume _____ Cu. Ft.

Rock pressure _____ lbs. _____ hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water _____ feet _____ feet

Salt water _____ feet _____ feet

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

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

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Checking sealant ready to seal

5-24-84
DATE

Phillip Dwyer
DISTRICT WELL INSPECTOR

FORM 20
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA

DEPARTMENT OF ~~MINES~~ *ENERGY*

OIL AND GAS DIVISION

FINAL INSPECTION REQUESTINSPECTOR'S COMPLIANCE REPORT**RECEIVED**
AUG 13 1985DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Permit No. 001-1298 County BARBOUR
 Company EASTERN INTERMOUNT ENERGY Farm B. RIGHT
 Inspector DONALD ELLIS Well No. 2
 Date 8-8-85

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification Prior to starting Work	<u>L</u>	_____
25.04	Prepared before Drilling to prevent waste	<u>L</u>	_____
25.03	High-Pressure Drilling	<u>L</u>	_____
16.01	Required Permits at wellsite	<u>L</u>	_____
15.03	Adequate Fresh Water Casing	<u>L</u>	_____
15.02	Adequate Coal Casing	<u>L</u>	_____
15.01	Adequate Production Casing	<u>L</u>	_____
15.04	Adequate Cement Strength	<u>L</u>	_____
23.02	Maintained Access Roads	<u>L</u>	_____
25.01	Necessary Equipment to prevent Waste	<u>L</u>	_____
23.03	Reclaimed Drilling Site	<u>L</u>	_____
23.04	Reclaimed Drilling Pits	<u>L</u>	_____
23.05	No surface or underground Pollution	<u>L</u>	_____
7.03	Identification Markings	<u>L</u>	_____

COMMENTS: _____

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED

DATE:

Donald Ellis
8-8-85



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia 25311
Telephone: 348-3500

October 9, 1985

ARCH A. MOORE, JR.
Governor

Eastern Intermountain Energy Corporation
Attention: George Williams
Post Office ox 902
Belington, West Virginia 26250

In Re: Permit No: 47-001-1798-REN
Farm: Blaine Right
Well NO: Two
District: Barker
County: Barbour
Issued: 3-23-83

Gentlemen:

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

The well designated by the above captioned permit number has been released under your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

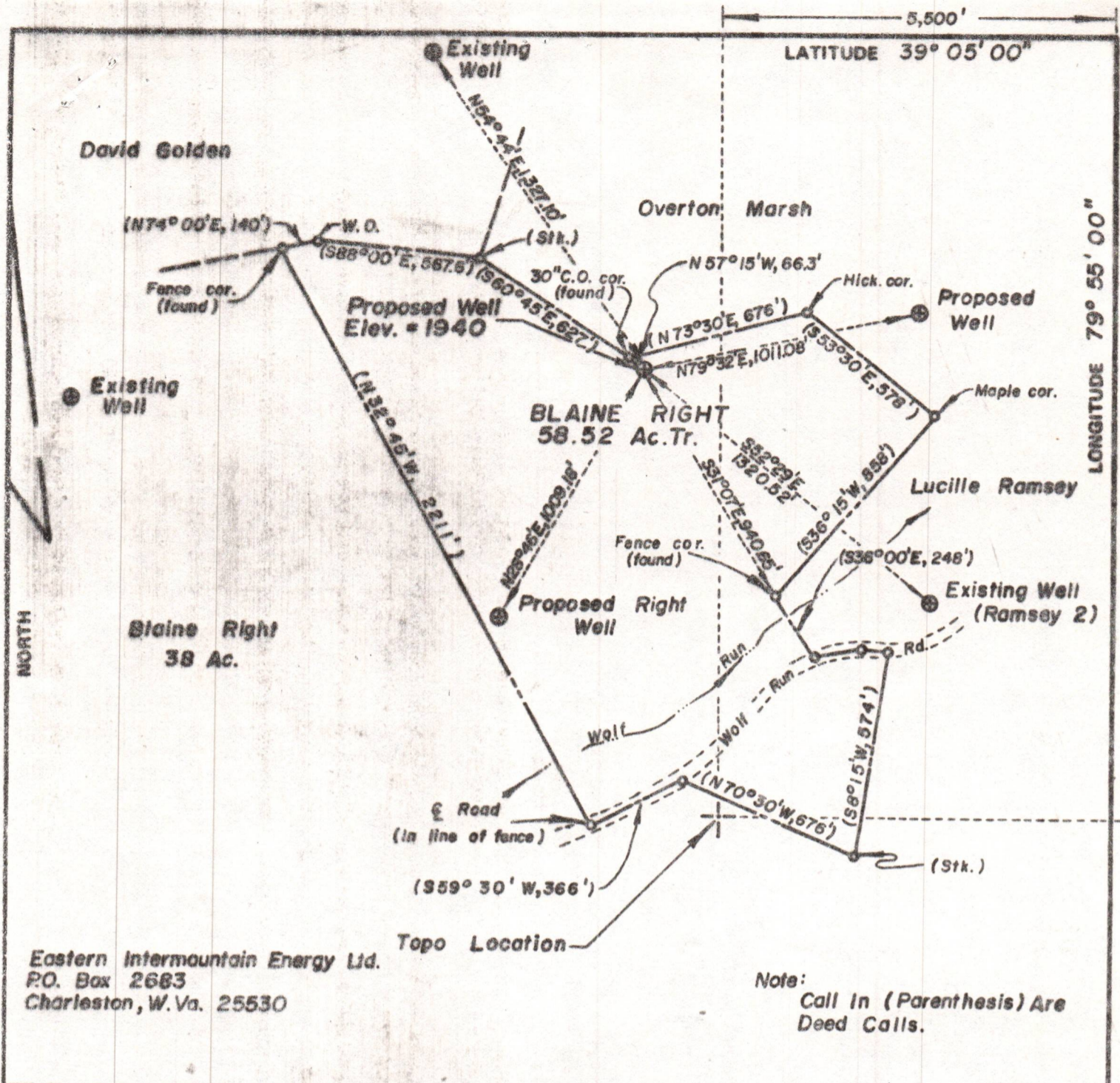
Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under XXXX bond coverage for life of the well.

PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit

TMS/ nw

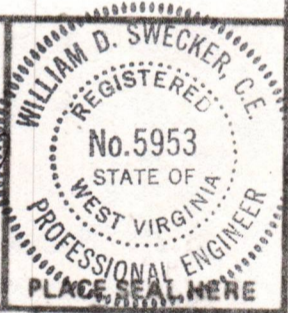


Eastern Intermountain Energy Ltd.
 P.O. Box 2683
 Charleston, W. Va. 25530

Note:
 Call In (Parenthesis) Are
 Deed Calls.

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500 Ft.
 MINIMUM DEGREE OF
 ACCURACY 1 in 1500
 PROVEN SOURCE OF
 ELEVATION USGS B.M. W.Va. Sec.
 Rt. 44, 1880, USGS Belington Quad.

I THE UNDERSIGNED, HEREBY CERTIFY THAT
 THIS PLAT IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND BELIEF AND SHOWS ALL THE
 INFORMATION REQUIRED BY LAW AND THE REGU-
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
 MENT OF MINES.
 (SIGNED) William D. Swecker
 R.P.E. 5953 L.L.S. 500



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



DATE March 16, 1982
 OPERATOR'S WELL NO. RIGHT 2
 API WELL NO. _____
47 - Barbour - 1798
 STATE COUNTY PERMIT
(001)

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 1940 WATER SHED Wolf Run
 DISTRICT Barker COUNTY Barbour
 QUADRANGLE Belington
 SURFACE OWNER Blaine Right ACREAGE 58.52
 OIL & GAS ROYALTY OWNER Blaine Right LEASE ACREAGE 58.52
 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 En. DESIGNATED AGENT Mr. William E. Bennett
 ADDRESS P.O. Box 2683 ADDRESS P.O. Box 2683
Charleston, W. Va. 530 Charleston, W. Va. 25530