



1) Date: May 2, 19 84  
 2) Operator's Well No. PLUM #2  
 3) API Well No. 47 - 001 - 2070  
 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  / Gas  / B (If "Gas", Production  / Underground storage  / Deep  / Shallow )
- 5) LOCATION: Elevation: 2110 Watershed: Azzens Run of Hanging Run MTM-1  
 District: Valley County: Barbour Quadrangle: Audra 7.5'
- 6) WELL OPERATOR Eastern American Energy Corp. 7) DESIGNATED AGENT Donald C. Supcoe  
 Address P. O. Box 67, Glenville, WV 26351 Address P. O. Box 67, Glenville, WV 26351  
(304) 462-5781 (304) 462-5781
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Robert Stewart 844-7782 Name S. W. Jack  
 Address P. O. Box 345 Address \_\_\_\_\_  
Jane Lew, WV 26378 Buckhannon, WV
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate   
 Plug off old formation  / Perforate new formation   
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Haverly
- 12) Estimated depth of completed well, 5200 feet
- 13) Approximate strata depths: Fresh, 200 feet; salt, None feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes  No

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 MAY 7 - 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

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             | 20             | J 55  | 94             |     | X    | 25                | -0-          |                                      | Kinds                       |
| Fresh water           | 8 5/8          | CW    | 20             | X   |      | 825               | 825          | Surface                              | Surf. Poz + Neat            |
| Coal                  |                |       |                |     |      |                   |              |                                      | Sizes                       |
| Intermediate          |                |       |                |     |      |                   |              |                                      |                             |
| Production            | 4 1/2          | J 55  | 10.5           | X   |      | 5150              | 5150         | 350 Ft. <sup>3</sup>                 | Depths set                  |
| Tubing                | 1 1/2          | H 40  | 2.5            | X   |      | -----             | 4950         |                                      |                             |
| Liners                |                |       |                |     |      |                   |              |                                      | Perforations:<br>Top Bottom |

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-001-2070 Date May 29, 19 84

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 May 29, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

|                      |                           |                  |                    |                  |
|----------------------|---------------------------|------------------|--------------------|------------------|
| Bond: <b>BLANKET</b> | Agent: <u>[Signature]</u> | Plat: <u>MLU</u> | Casing: <u>MLU</u> | Fee: <u>1230</u> |
|----------------------|---------------------------|------------------|--------------------|------------------|

[Signature]  
Administrator, Office of Oil and Gas

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

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

5/28



OFFICE USE ONLY

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

1) WELL LOCATION: B (N) Gas Production

2) LOCATION: Elevation: \_\_\_\_\_; County: \_\_\_\_\_; District: \_\_\_\_\_

3) WELL OPERATOR: \_\_\_\_\_; Address: \_\_\_\_\_; Phone: \_\_\_\_\_

4) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: \_\_\_\_\_; Address: \_\_\_\_\_; Phone: \_\_\_\_\_

5) PROPOSED WELL WORK: Plug off old formation / Forstrate new formation

6) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_

7) ESTIMATED DEPTH OF COMPLETED WELL: \_\_\_\_\_ feet

8) APPROXIMATE TANK DEPTH: \_\_\_\_\_ feet

9) APPROXIMATE COAL SEAM DEPTH: \_\_\_\_\_ feet

10) CASING AND TURNING PROGRAM: \_\_\_\_\_

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OIL & GAS DIVISION  
MAY 7 - 1986

| TUBING TYPE | Casing dia. | Size | Grade | SPECIFICATIONS |             | Feet drilled | Feet in well | CENTRELINE OR SPACING | TACKERS |
|-------------|-------------|------|-------|----------------|-------------|--------------|--------------|-----------------------|---------|
|             |             |      |       | Weight per ft. | Per. class. |              |              |                       |         |
| Conductor   | 2 7/8       | 20   | J 55  | 34             | X           | 200          | 200          | 200                   |         |
| Production  | 2 3/8       | 20   | J 55  | 34             | X           | 200          | 200          | 200                   |         |

OFFICE USE ONLY

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

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

OTHER INSPECTIONS

Reason: \_\_\_\_\_

Reason: \_\_\_\_\_

|       |       |      |        |     |
|-------|-------|------|--------|-----|
| Don't | Agent | Plan | Casite | Pce |
|-------|-------|------|--------|-----|

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 S. H. & Mabel Plum  
Address Rt. 1, Box 69  
Belington, WV 26250  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR None  
Address \_\_\_\_\_  
5(iii) COAL LESSEE WITH DECLARATION ON RECORD  
Name Elkins Valley Coal Company, Inc.  
Address Saka Carbona Mining Company  
c/o Jno. McCall Coal Co., Inc.  
Name 6212 Frankford Avenue  
Address P. O. Box 1877  
Baltimore, MD 21203  
5(ii) COAL OWNER WITH DECLARATION ON RECORD:  
Name None  
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.

RECEIVED  
MAY 7 - 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

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  
Donald C. Supcoe  
this 4th day of May, 1984.  
My commission expires Aug. 2, 1993.  
Edna M. Smith  
Notary Public, Gilmer County,  
State of West Virginia

WELL  
OPERATOR EASTERN AMERICAN ENERGY CORPORATION  
By Donald C. Supcoe  
Its Designated Agent  
Address P. O. Box 67  
Glenville, WV 26351  
Telephone (304) 462-5781

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--

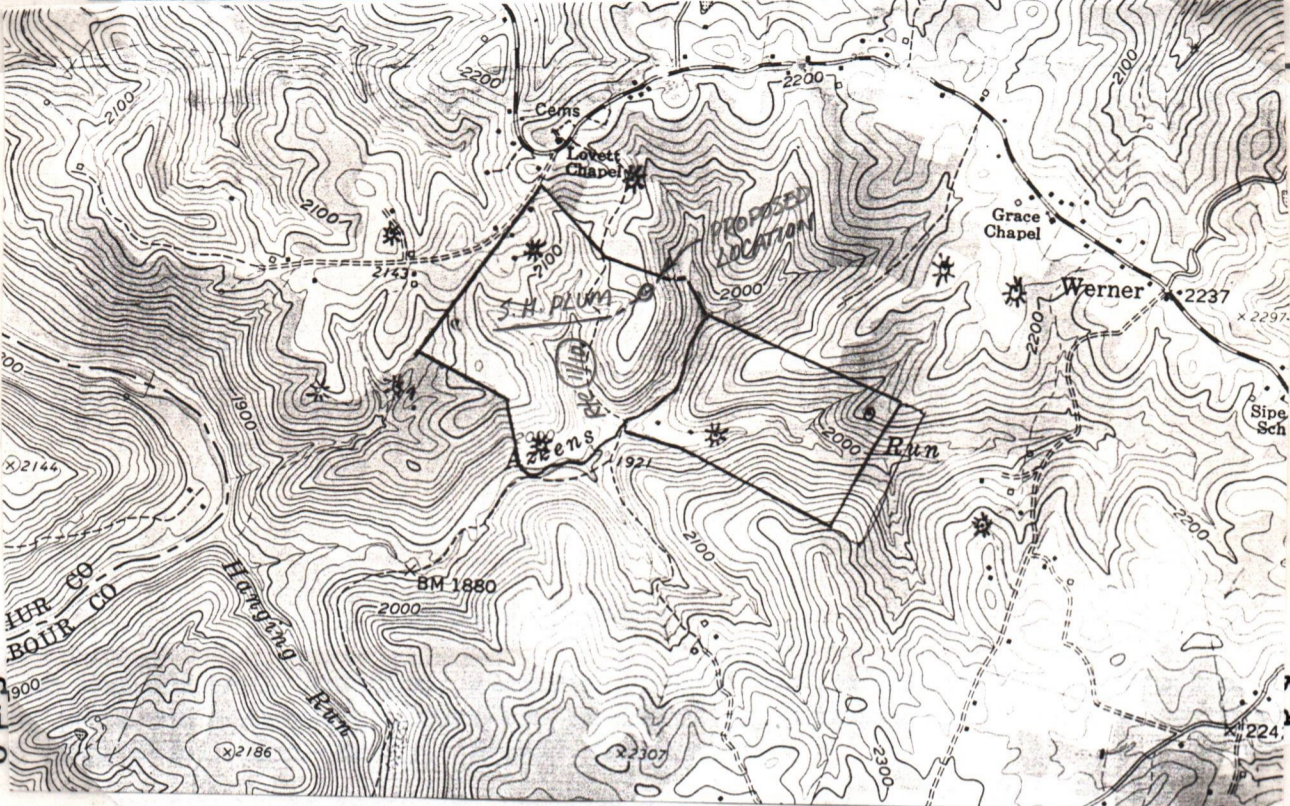
- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s)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

| <u>Grantor, lessor, etc.</u> | <u>Grantee, lessee, etc.</u>  | <u>Royalty</u> | <u>Book Page</u> |
|------------------------------|-------------------------------|----------------|------------------|
| Samuel H. Plum, et ux        | Wilhite/McGahee               | 1/8            | 60/252           |
| Wilhite/McGahee              | White Shield Oil & Gas Corp.  | Assign.        | 66/234           |
| White Shield Oil & Gas Corp. | Partnership Properties Corp.  | Assign.        | 72/407           |
| Partnership Properties Corp. | Eastern American Energy Corp. | Assig.         | 95/112           |

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE AVDRA - 7 1/2'

**LEGEND**

Well Site



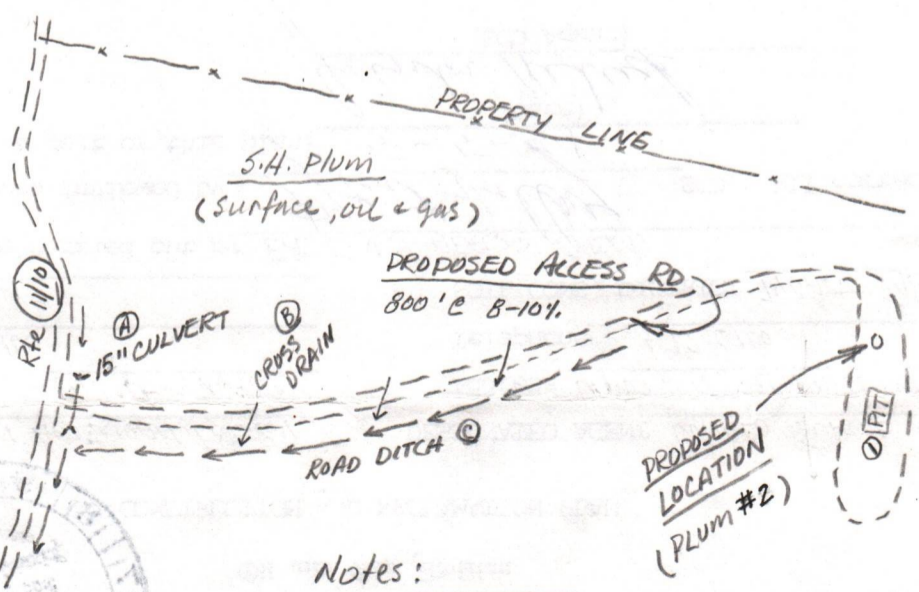
Sketch  
drilli  
part o

Well site,  
the first

**LEGEND**

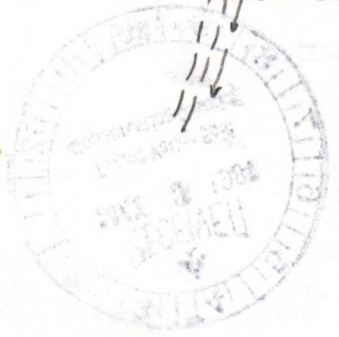
|                   |            |
|-------------------|------------|
| Property boundary | Diversion  |
| Road              | Spring     |
| Existing fence    | Wet spot   |
| Planned fence     | Building   |
| Stream            | Drain pipe |
| Open ditch        | Waterway   |

DEPT. OF MINES  
DIVISION  
RECEIVED



- Notes:
1. Location is in MEADOW - access road is in meadow.
  2. No MARKETABLE TIMBER - timber, remove  
! NO BRUSH
  3. Stockpile topsoil for reclamation
  4. Reclaim disturb areas within 6 months of completion.

Not to Scale



RECEIVED



State of West Virginia

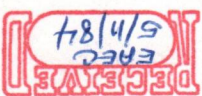
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

DATE April 22, 1984

WELL NO. AEA - Plum #2

API NO. W7-001-2070



COMPANY NAME Eastern American Energy

Address Drawer N, Glenville Wv, 26351

Telephone 472-6100

LANDOWNER S.H. Plum

Revegetation to be carried out by Eastern American Energy

(Agent)

This plan has been reviewed by SCD. All corrections

and additions become a part of this plan: 5-5-84

(Date)

(SCD Agent)

LOCATION

ACCESS ROAD

(A) Structure CULVERT

Spacing 15" DIA.

Page Ref. Manual 2-7

(B) Structure CROSS DRAIN

Spacing 80'

Page Ref. Manual 1-1

(C) Structure ROAD DITCH

Spacing N/A

Page Ref. Manual 2-12

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

REVEGETATION

Treatment Area I

Lime Ground Agricultural 2 Tons/acre

or correct to pH 6.5

Fertilizer 10-20-20 500 lbs/acre

(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Seed\* TIMOTHY 20 lbs/acre

ORCHARD Grass 10 lbs/acre

~~ORCHARD RYE~~ 10 lbs/acre

~~ORCHARD RYE~~ 10 lbs/acre

Treatment Area II

Lime Ground Agricultural 2 Tons/acre

or correct to pH 6.5

Fertilizer 10-20-20 500 lbs/acre

(10-20-20 or equivalent)

Mulch Hay 2 Tons/acre

Seed\* TIMOTHY 20 lbs/acre

ORCHARD Grass 10 lbs/acre

~~ORCHARD RYE~~ 10 lbs/acre

~~ORCHARD RYE~~ 10 lbs/acre

NOTES: Please request amendments, cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY DENNIS L. FISHER

ADDRESS PO Box 386


PHILIPPI, WV 26416


PHONE NO. 457-5417

IV-9 REVERSE  
(REV 8-81)

ATTACH OR PHOTOCOPY SECTION OF  
INVOLVED TOPOGRAPHIC MAP.  
QUADRANGLE Audra 7.5'

LEGEND

Well Site  ---













Access Road  ---

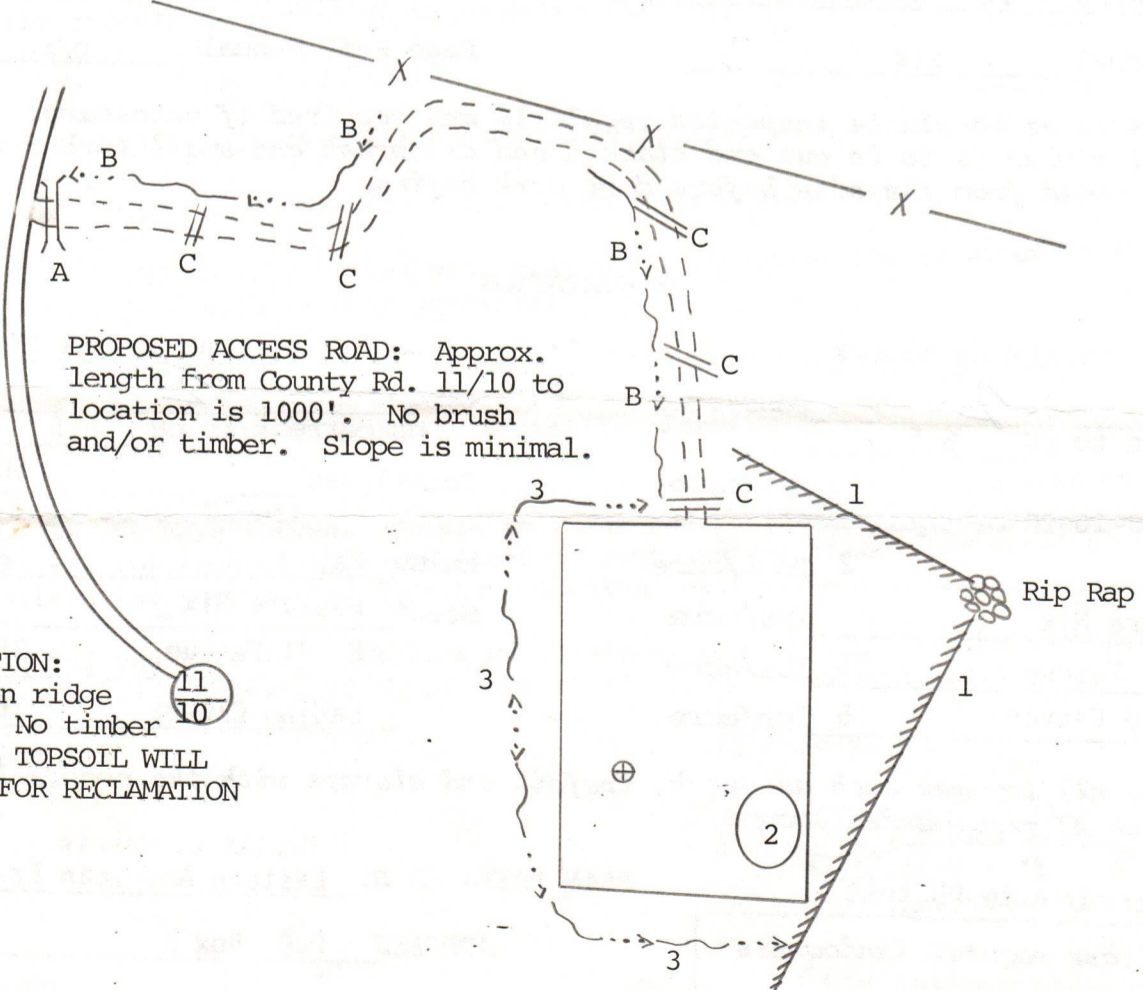


WELL SITE PLAN

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

LEGEND

|   |  |
|---|--|
| Property boundary  | Diversion   |
| Road               | Spring        |
| Existing fence     | Wet spot    |
| Planned fence      | Building    |
| Stream             | Drain pipe  |
| Open ditch         | Waterway    |



PROPOSED ACCESS ROAD: Approx. length from County Rd. 11/10 to location is 1000'. No brush and/or timber. Slope is minimal.

PROPOSED LOCATION: Situate on open ridge top (meadow). No timber or brush. ALL TOPSOIL WILL BE STOCKPILED FOR RECLAMATION USE.

$\frac{11}{10}$

2

Rip Rap

FDU



DATE June 7, 1984  
WELL NO. EAE - PLUM #2  
API NO. 047 - 001 - 2070



State of West Virginia  
Department of Mines  
Oil and Gas Division

REVISED

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Eastern American Energy Corp.  
Address P.O. Box N Glenville, WV 26351  
Telephone 304-462-5781

DESIGNATED AGENT Donald C. Supcoe  
Address P.O. Box N Glenville, WV 26351  
Telephone 304-462-5781  
SOIL CONS. DISTRICT Tygart Valley

RECEIVED  
MAY 11 - 1984  
OIL & GAS DIVISION  
DEPT. OF MINES





# Eastern American Energy Corporation

P.O. Box N • Glenville, West Virginia 26351

(304) 462-5781

May 4, 1984

Elkins Valley Coal Company, Inc.  
aka Carbona Mining Company  
c/o Jno. McCall Coal Co., Inc.  
P. O. Box 1877  
Baltimore, MD 21203

RE: EVERSON #2 Well - 80 Acres  
PLUM #2 - 104 Acres  
Valley District  
Barbour County, West Virginia

Gentlemen:

The records in the Courthouse of Barbour County indicate that you are the coal lessee on the above described surface tracts. Eastern American Energy Corporation has acquired the leasing rights for the oil and gas underlying these tracts and is in the process of preparing to commence drilling operations.

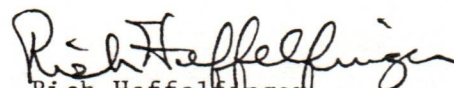
Enclosed you will find:

- (1) Form IV-2 (A) - Notice of Application For A Well Work Permit;
- (2) Form IV-2 (B) - Application For A Well Work Permit;
- (3) A copy of the well plat which indicates the location of the well on your property;
- (4) A copy of Form IV-9 - Construction and Reclamation Plan, and
- (5) A Surface Owner Information Form.

Eastern American Energy Corporation expects to begin operations on these wells in the near future. Please fill out and return the enclosed form so we can keep you informed of our operations on these two tracts. An envelope is provided for your convenience in returning the form.

If you have any questions or comments, please fill out the appropriate space on the enclosed form, or contact me at the above address.

Sincerely,

  
Rich Heffelfinger  
Drilling Superintendent

RH:dm

Enclosures

Illegible copies —→

Had title run —→

Attorney error — Mogasco Coal Co. — Bankrupt  
Courtesy copy to James Martin  
Don't think Mr. Ware

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

- 1st Stage - Perforated Haverty with 15 holes from 5098' - 5244'.  
Fract with 40,000 lbs. 20/40 sand and 54,000 Scf N<sub>2</sub>
- 2nd Stage - Perforated Second Elk with 12 holes from 4653' - 4890'.  
Fract with 30,000 lbs. 20/40 sand and 35,000 Scf N<sub>2</sub>
- 3rd Stage - Perforated First Elk with 15 holes from 4077' - 4460'.  
Fract with 30,000 lbs. 20/40 sand and 54,000 Scf N<sub>2</sub>
- 4th Stage - Perforated Benson with 12 holes from 3845' - 3868'.  
Fract with 40,000 lbs. 20/40 sand and 71,500 Scf N<sub>2</sub>
- 5th Stage - Perforated Riley with 10 holes from 3558' - 3664'.  
Fract with 30,000 lbs. 20/40 sand and 54,000 Scf N<sub>2</sub>

WELL LOG

| FORMATION          | COLOR | HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS   |
|--------------------|-------|--------------|----------|-------------|---|
|                    |       |              |          |             | Including indication of all fresh and salt water, coal, oil and gas |
| Sand/Shale         |       |              | 0        | 50          |   |
| Sand               |       |              | 50       | 207         | Damp @ 171'. 3" Stream water @ 193'.                                |
| Coal               |       |              | 207      | 211         |   |
| Sand/Shale         |       |              | 211      | 565         |   |
| Sand/Shale         |       |              | 565      | 649         |   |
| Sand/Shale/Redrock |       |              | 649      | 915         |   |
| Shale/Lime         |       |              | 915      | 921         |   |
| Redrock/Sand/Shale |       |              | 921      | 1125        |   |
| Little Lime        |       |              | 1125     | 1140        |   |
| Shale              |       |              | 1140     | 1188        |   |
| Big Lime/Injun     |       |              | 1188     | 1420        |   |
| Sand/Shale         |       |              | 1420     | 1680        |   |
| Redrock/Sand/Shale |       |              | 1680     | 3870        | Gas @ 1815', 8/10 - 1/2" w/water                                    |
| Benson             |       |              | 3870     | 3880        | Gas @ 3515', 24/10 - 1/2" w/water                                   |
| Shale              |       |              | 3880     | 4440        |   |
| Brown Sand         |       |              | 4440     | 4460        |   |
| Sand/Shale         |       |              | 4460     | 5200        | Gas @ 4603', 28/10 - 1/2" w/water                                   |
| Haverty            |       |              | 5200     | 5250        |   |
| Shale              |       |              | 5250     | 5333        |   |
|                    |       | T.D.         | 5333     |             | Gas @ T.D., 24/10 - 1/2" w/water                                    |

(Attach separate sheets as necessary)

EASTERN AMERICAN ENERGY CORPORATION  
Well Operator  
By: J. Muller Vice President  
Date: 8/27/84

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)

Date August 27, 1984  
Operator's  
Well No. PLUM #2  
Farm S. H. Plum  
API No. 47 - 001 - 2070

State of West Virginia  
Department of Mines  
Oil and Gas Division

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

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

LOCATION: Elevation: 2110' Watershed Azzens Run of Hanging Run  
District: Valley County Barbour Quadrangle Audra 7.5'

COMPANY Eastern American Energy Corporation

ADDRESS P.O. Box N, Glenville, WV 26351

DESIGNATED AGENT Donald C. Supcoe

ADDRESS P.O. Box N, Glenville, WV 26351

SURFACE OWNER Mabel Plum

ADDRESS Rt. 1, Box 69, Belington, WV 26250

MINERAL RIGHTS OWNER Mabel Plum

ADDRESS Rt. 1, Box 69, Belington, WV 26250

OIL AND GAS INSPECTOR FOR THIS WORK

Russell Beall ADDRESS P. O. Box 160  
Philippi, WV 26416

PERMIT ISSUED 5/29/84

DRILLING COMMENCED 7/12/84

DRILLING COMPLETED 7/18/84

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"           | 15'              | -0-          |                        |
| 9 5/8            |                  |              |                        |
| 8 5/8            | 836'             | 836'         | 275 sks.               |
| 7                |                  |              |                        |
| 5 1/2            |                  |              |                        |
| 4 1/2            | 5326'            | 5326'        | 470 sks.               |
| 3                |                  |              |                        |
| 2                |                  |              |                        |
| Liners used      |                  |              |                        |

GEOLOGICAL TARGET FORMATION Haverty Depth 5200 feet

Depth of completed well 5333 feet Rotary X / Cable Tools \_\_\_\_\_

Water strata depth: Fresh 171, 193 feet; Salt \_\_\_\_\_ feet

Coal seam depths: 207' Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Haverty, Elks, Benson, Riley Pay zone depth 3558 - 5244 feet

Gas: Initial open flow 10 Mcf/d Oil: Initial open flow --- Bbl/d

Final open flow 474 Mcf/d Final open flow --- Bbl/d

Time of open flow between initial and final tests -- hours

Static rock pressure 1135 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet

Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow \_\_\_\_\_ Mcf/d Oil: Final open flow \_\_\_\_\_ 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)

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

RECEIVED

JUL 17 1984

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 001-2070

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company EAST AMER ENERGY

Address \_\_\_\_\_

Farm plum - #2

Well No. \_\_\_\_\_

District \_\_\_\_\_ County 001

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 JACIE - Rig #1

Remarks: Rig on - 7/12 - Drilling 7/13 Before 8 5/8 (520')

7/13/84  
DATE

RG Bease 501  
DISTRICT WELL INSPECTOR



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

RECEIVED  
JUL 18 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-2070

Oil or Gas Well  
(KIND)

Company EASTERN AMER ENERGY  
 Address \_\_\_\_\_  
 Farm PLUM #2  
 Well No. \_\_\_\_\_  
 District \_\_\_\_\_ County 001  
 Drilling commenced 7/12/84  
 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 JACRE #1-

Remarks: Dlg @ - 3200 / 9:00 AM - 3 GAS PAYS -

7/16/84  
DATE

RG Beal 501  
DISTRICT WELL INSPECTOR





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

RECEIVED  
JUL 23 1984

INSPECTOR'S WELL REPORT

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

Permit No. 001-2070

| Company<br><u>EAST AMER ENERGY</u>                      | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS              |
|---|---|------------------|--------------|----------------------|
|   | Address _____   | Size             |              |                      |
| Farm <u>PLUM</u>  | 16  |                  |              | Kind of Packer _____ |
| Well No. <u>#2</u>                                      | 13  |                  |              |                      |
| District _____ County <u>001</u>                        | 10  |                  |              | Size of _____        |
| Drilling commenced _____                                | 8 1/4   |                  |              | Depth set _____      |
| Drilling completed <u>7/18/84</u> Total depth _____     | 6 5/8   |                  |              |                      |
| Date shot _____ Depth of shot _____                     | 5 3/16  |                  |              | Perf. top _____      |
| Initial open flow _____ /10ths Water in _____ Inch      | 3   |                  |              | Perf. bottom _____   |
| Open flow after tubing _____ /10ths Merc. in _____ Inch | 2   |                  |              | Perf. top _____      |
| Volume _____ Cu. Ft.                                    | Liners Used _____   |                  |              | 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 JACIE RIG #1

Remarks: Rig off

7/19/84  
DATE

R.G. Beale 501  
DISTRICT WELL INSPECTOR





RECEIVED  
JUN 21 1985

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

OIL & GAS DIVISION  
DEPT. OF MINES

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
November 14, 1984

COMPANY Eastern American Energy Corp. PERMIT NO 001-2070 (5-29-84)  
P. O. Box N FARM & WELL NO S. H. Plum #2  
Glenville, West Virginia 26351 DIST. & COUNTY Valley/Barbour

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

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

SIGNED David R. Ellis  
DATE 6-18-85

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. ...  
Administrator-Oil & Gas Division

June 27, 1985  
DATE

| 1.0 API well number:<br>(If not available, leave blank, 14 digits.)   | 47-001-2070  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
|---|--|---|-------------------------------|---|-------------------------------|-------------------------|-------------|-----------|------------|----------|----------------|----------------------------|--------------|-----|-----|-----|------------------|
| 2.0 Type of determination being sought:<br>(Use the codes found on the front of this form.)                                   | <table style="width:100%; border: none;"> <tr> <td style="text-align: center; border-bottom: 1px solid black;">103</td> <td style="border: none;"></td> </tr> <tr> <td style="text-align: center; font-size: small;">Section of NGPA</td> <td style="text-align: center; font-size: small;">Category Code</td> </tr> </table>  | 103   |                               | Section of NGPA                             | Category Code                 |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| 103   |  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| Section of NGPA   | Category Code  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| 3.0 Depth of the deepest completion location:<br>(Only needed if sections 103 or 107 in 2.0 above.)                           | 5333 feet  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| 4.0 Name, address and code number of applicant:<br>(35 letters per line maximum. If code number not available, leave blank.)  | <table style="width:100%; border: none;"> <tr> <td colspan="2" style="border-bottom: 1px solid black;">Eastern American Energy Corporation</td> <td style="border-bottom: 1px solid black; text-align: right;">031836</td> </tr> <tr> <td style="font-size: x-small;">Name</td> <td style="border-bottom: 1px solid black;">P. O. Box N</td> <td style="font-size: x-small; text-align: right;">Seller Code</td> </tr> <tr> <td style="font-size: x-small;">Street</td> <td style="border-bottom: 1px solid black;">Glennville</td> <td style="border-bottom: 1px solid black; text-align: right;">WV 26351</td> </tr> <tr> <td style="font-size: x-small;">City</td> <td style="font-size: x-small; text-align: right;">State</td> <td style="font-size: x-small; text-align: right;">Zip Code</td> </tr> </table>  | Eastern American Energy Corporation         |                               | 031836                                      | Name                          | P. O. Box N             | Seller Code | Street    | Glennville | WV 26351 | City           | State                      | Zip Code     |     |     |     |                  |
| Eastern American Energy Corporation   |  | 031836                                      |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| Name  | P. O. Box N  | Seller Code                                 |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| Street  | Glennville   | WV 26351                                    |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| City  | State  | Zip Code                                    |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| 5.0 Location of this well: [Complete (a) or (b).]<br>(a) For onshore wells<br>(35 letters maximum for field name.)            | <table style="width:100%; border: none;"> <tr> <td style="font-size: x-small;">Field Name</td> <td style="border-bottom: 1px solid black;">Barbour</td> <td style="border-bottom: 1px solid black; text-align: right;">WV</td> </tr> <tr> <td style="font-size: x-small;">County</td> <td style="font-size: x-small; text-align: right;">State</td> <td></td> </tr> </table>   | Field Name                                  | Barbour                       | WV  | County                        | State                   |             |           |            |          |                |                            |              |     |     |     |                  |
| Field Name  | Barbour  | WV  |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| County  | State  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| (b) For OCS wells:  | <table style="width:100%; border: none;"> <tr> <td style="font-size: x-small;">Area Name</td> <td style="border-bottom: 1px solid black;"></td> <td style="font-size: x-small;">Block Number</td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td colspan="2" style="text-align: center; font-size: x-small;">Date of Lease:</td> <td colspan="2"></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> <tr> <td style="text-align: center; font-size: x-small;">Mo.</td> <td style="text-align: center; font-size: x-small;">Day</td> <td style="text-align: center; font-size: x-small;">Yr.</td> <td style="border-bottom: 1px solid black; font-size: x-small;">OCS Lease Number</td> </tr> </table> | Area Name                                   |                               | Block Number                                |                               | Date of Lease:          |             |           |            | _        | _              | _                          | _            | Mo. | Day | Yr. | OCS Lease Number |
| 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.)   | PLUM #2  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| (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:<br>(35 letters and digits maximum. If code number not available, leave blank.) | <table style="width:100%; border: none;"> <tr> <td colspan="2" style="border-bottom: 1px solid black;">Eastern Pipeline Corporation</td> <td style="border-bottom: 1px solid black; text-align: right;">Buyer Code</td> </tr> <tr> <td style="font-size: x-small;">Name</td> <td colspan="2"></td> </tr> </table>  | Eastern Pipeline Corporation                |                               | Buyer Code                                  | Name                          |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| Eastern Pipeline Corporation  |  | Buyer Code                                  |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| Name  |  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| (b) Date of the contract.   | <table style="width:100%; border: none;"> <tr> <td style="text-align: center;">N/A</td> <td style="border: none;"></td> </tr> <tr> <td style="text-align: center; font-size: x-small;">Mo.</td> <td style="text-align: center; font-size: x-small;">Day Yr.</td> </tr> </table>  | N/A   |                               | Mo.   | Day Yr.                       |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| N/A   |  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| Mo.   | Day Yr.  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| (c) Estimated annual production:  | 16 MMcf.   |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| 7.0 Contract price:<br>(As of filing date. Complete to 3 decimal places.)   | <table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th style="width:30%;">(a) Base Price (\$/MMBTU)</th> <th style="width:20%;">(b) Tax</th> <th style="width:20%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:30%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">2.86</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;">2.909</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) | 2.86                    | -----       | -----     | -----      | 2.909    | -----          | -----                      | -----        |     |     |     |                  |
| (a) Base Price (\$/MMBTU)   | (b) Tax  | (c) All Other Prices [Indicate (+) or (-).] | (d) Total of (a), (b) and (c) |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| 2.86  | -----  | -----                                       | -----                         |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| 2.909   | -----  | -----                                       | -----                         |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| 8.0 Maximum lawful rate<br>(As of filing date. Complete to 3 decimal places.)   |  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| 9.0 Person responsible for this application:  | <table style="width:100%; border: none;"> <tr> <td style="border-bottom: 1px solid black;">Donald C. Supcoe</td> <td style="border-bottom: 1px solid black; text-align: right;">Designated Agent</td> </tr> <tr> <td style="font-size: x-small;">Name</td> <td style="font-size: x-small; text-align: right;">Title</td> </tr> <tr> <td style="border-bottom: 1px solid black;"><i>Donald C. Supcoe</i></td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td style="font-size: x-small;">Signature</td> <td></td> </tr> <tr> <td style="border-bottom: 1px solid black;">8/28/84</td> <td style="border-bottom: 1px solid black; text-align: right;">(304) 462-5781</td> </tr> <tr> <td style="font-size: x-small;">Date Application Completed</td> <td style="font-size: x-small; text-align: right;">Phone Number</td> </tr> </table>       | Donald C. Supcoe                            | Designated Agent              | Name  | Title                         | <i>Donald C. Supcoe</i> |             | Signature |            | 8/28/84  | (304) 462-5781 | Date Application Completed | Phone Number |     |     |     |                  |
| Donald C. Supcoe  | Designated Agent   |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| Name  | Title  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| <i>Donald C. Supcoe</i>   |  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| Signature   |  |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| 8/28/84   | (304) 462-5781   |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |
| Date Application Completed  | Phone Number   |   |                               |   |                               |                         |             |           |            |          |                |                            |              |     |     |     |                  |

Agency Use Only  
Not Received by Juris. Agency  
**SEP - 4 1984**  
Not Received by FERC

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

Date August 27 1984

Operator's Well No. PLUM #2  
API Well No. 47 State 001 County 2070

WELL CLASSIFICATION FORM  
NEW ONSHORE PRODUCTION WELL  
NGPA Section 103

WELL OPERATOR Eastern American Energy Corporation  
ADDRESS P. O. Box N  
Glenville, WV 26351  
GAS PURCHASER Eastern Pipeline Corp.  
ADDRESS \_\_\_\_\_

DESIGNATED AGENT Donald C. Supcoe  
ADDRESS P. O. Box N  
Glenville, WV 26351  
LOCATION: Elevation 2110  
Watershed Azzens Run of Hanging Run  
Dist. Valley County Barbour Quad Audra 7.5'  
Gas Purchase Contract No. N/A  
Meter Chart Code \_\_\_\_\_  
Date of Contract \_\_\_\_\_

\* \* \* \* \*  
Date surface drilling was begun: 7/12/84

Indicate the bottom hole pressure of the well and explain how this was calculated:  
The bottom hole pressure of this well is 1267 psig and was calculated by gauging the static surface pressure and using the standard gas deviation formula to extrapolate surface pressure to bottom hole pressure.

BHP =  $P_w + P_w \cdot e^{(GL/53.34T-1)}$

- Pw = 1135
- L = 5240
- T = 120 F
- G = 1267
- BHP = \_\_\_\_\_

AFFIDAVIT

I, F.H. McCullough, III, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 14, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

*[Handwritten Signature]*

STATE OF WEST VIRGINIA,  
COUNTY OF Gilmer TO WIT:

I, Karen Murdock, a Notary Public in and for the state and county aforesaid,

do certify that F.H. McCullough, III whose name is signed to the writing above, bearing date the 27th day of August, 1984, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 27th day of Aug, 1984.

My term of office expires on the 9th day of April, 1984.

NOTARIAL SEAL]

*[Handwritten Signature: Karen S. Murdock]*  
Notary Public

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

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

SEP 27 1984

Date: August 27, 19 84

Applicant's Name: Eastern American Energy Corporation

Address: P. O. Box N, Glenville, WV 26351  
(304) 462-5781

As Purchaser Contract No. N/A

Date of Contract (Month, day and year)

First Purchaser: Eastern Pipeline Corporation

Address: P. O. Box N  
(Street or P.O. Box)  
Glenville WV 26351  
(City) (State) (Zip Code)

FERC Seller Code

AGENCY USE ONLY  
WELL DETERMINATION FILE NUMBER  
840904-103-001-2070  
Use Above File Number on all  
Communications Relating to This Well

Designated Agent: Donald C. Supcoe  
Address: P. O. Box N  
Glenville, WV 26351

FERC Buyer Code

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL  
BE ADDRESSED:

Name: Donald C. Supcoe (Print) Designated Agent  
Signature: *Donald C. Supcoe* (Title)

Address: P. O. Box N  
(Street or P.O. Box)  
Glenville WV 26351  
(City) (State) (Zip Code)

Telephone: (304) 462-5781

Certificate of Proof of Service to Purchaser)

I hereby certify that on the 28<sup>th</sup> day of August, 1984, I served FERC Form 121,  
together with Form IV-48C, State Application for Well Certification, with Attachments, upon  
the Eastern Pipeline Corporation, by depositing true copies thereof in the United States  
mail, postage prepaid, in an envelope addressed to Eastern Pipeline Corporation, P. O.  
Box N, Glenville, WV 25325.

*Donald C. Supcoe*

Donald C. Supcoe  
Designated Agent

SECTION/SUBSECTION

- New Natural Gas
  - 102-2 2.5 Mile Test
  - 102-3 1000 Foot Deeper Test
  - 102-4 New Onshore Reservoir
- New Onshore Production Well
  - 103 New Onshore Production Well

- 108 Stripper Well Natural Gas
  - 108- Stripper Well
  - 108-1 Seasonally Affected
  - 108-2 Enhanced Recovery
  - 108-3 Temporary Pressure Buildup

- High Cost Natural Gas
  - 107-0 Deep (more than 15,000 feet)
  - 107-1 Geopressured Brine
  - 107-2 Coal Seams
  - 107-3 Devonian Shale
  - 107-5 Production enhancement
  - 107-6 New Tight Formation
  - 107-7 Recompletion Tight Formation

AGENCY USE ONLY

QUALIFIED

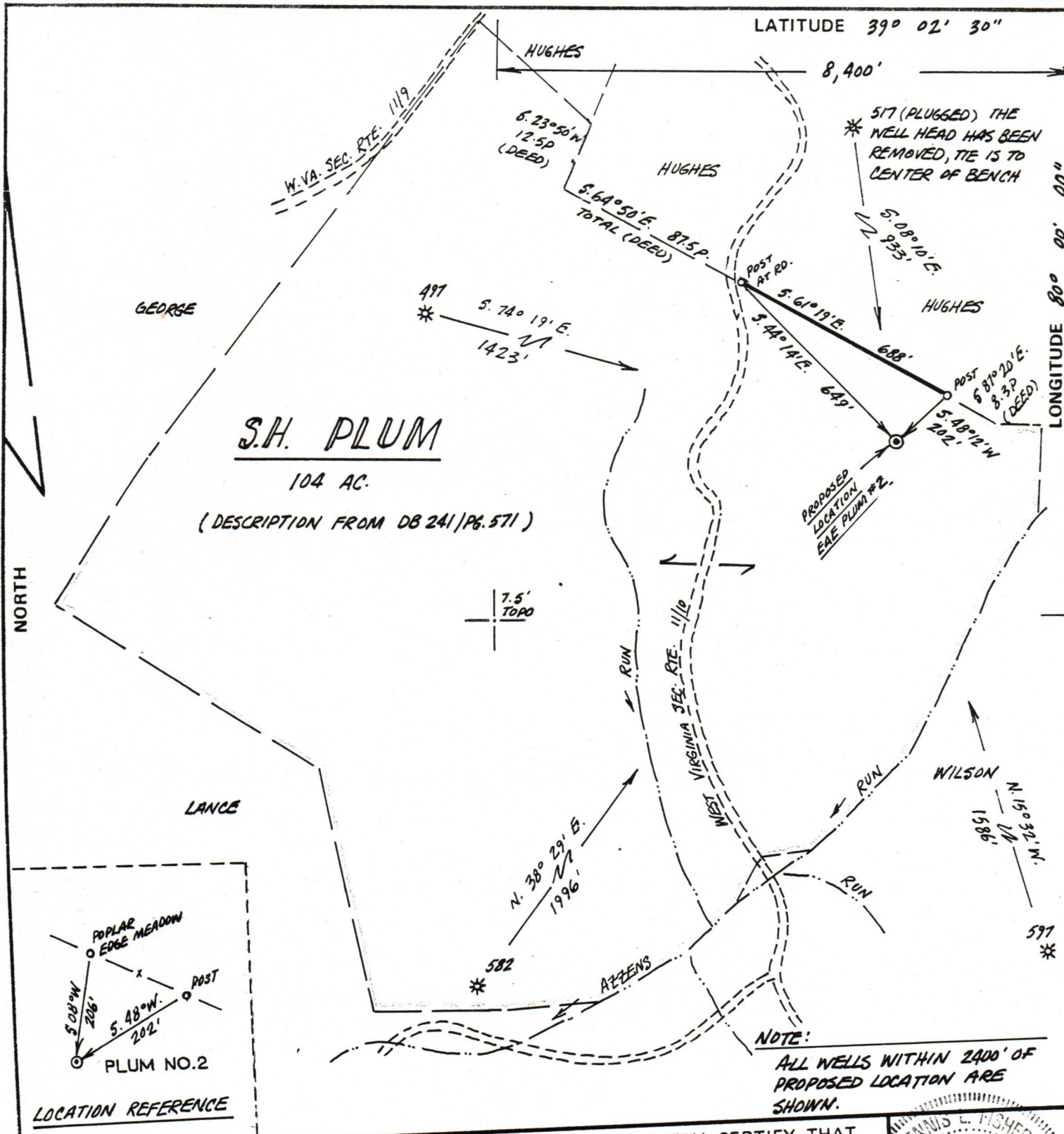
RECEIVED

SEP - 4 1984

OIL & GAS DIV.  
DEPT. OF MINES

Received

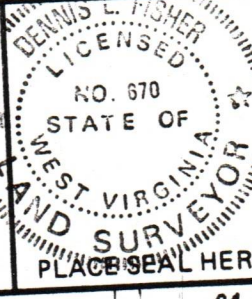
Determination Date



LOCATION REFERENCE

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION WELL # 497  
NN OF PROP. LOC.

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) Dennis L. Fisher  
 R.P.E. \_\_\_\_\_ L.L.S. 670



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE APRIL 25, 19 84  
 OPERATOR'S WELL NO. EAE PLUM #2  
 API WELL NO. \_\_\_\_\_  
47 - 001 - 2070  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 2110 WATER SHED AZZENS RUN  
 DISTRICT VALLEY COUNTY BARBOUR  
 QUADRANGLE AUDRA (7.5')  
 SURFACE OWNER S.H. PLUM ACREAGE 104  
 OIL & GAS ROYALTY OWNER S.H. PLUM LEASE ACREAGE 104  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
 STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW  
 FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION HAVERTY ESTIMATED DEPTH 5200  
 WELL OPERATOR EASTERN AMERICAN ENERGY DESIGNATED AGENT DONALD SUPCOE  
 ADDRESS DRAWER N, GLENVILLE, WV 26351 ADDRESS DRAWER N, GLENVILLE, WV 26351