State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm Name: CARROLL, SARAH J.  Operator Well No.: BLAU/McREYN 1

LOCATION:  Elevation: 1175.00  Quadrangle: SMITHBURG
District:  GRANT  County:  DODDRIDGE
Latitude:  3500 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude:  390 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: EASTERN AMERICAN ENERGY C
P. O. BOX N
GLENVILLE, WV 26351-0000

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD  Permit Issued: 05/08/91
Well work Commenced: 05/22/91
Well work Completed: 06/08/91

Verbal Plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 5336'
Fresh water depths (ft) 112'
Salt water depths (ft) 800'

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

Casing & Tubing  Drilling in Well
Left  Cement Fill Up
--  Cu. Ft.

Size  8-5/8"  1329.35'  1329.35'  C.T.S.

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4-1/2"  5311.75'  5311.75'  740

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OPEN FLOW DATA

Producing formation  Benson  Pay zone depth (ft) 5215'-5211'
Gas: Initial open flow 367 MCF/d  Oil: Initial open flow N/A Bbl/d
Final open flow 315 MCF/d  Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 780 psig (surface pressure) after 24 Hours

Second producing formation
Gas: Initial open flow MCF/d  Oil: Initial open flow Bbl/d
Final open flow MCF/d  Final open flow Bbl/d
Time of open flow between initial and final tests Hours
Static rock Pressure psig (surface pressure) after Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLSBORE.

For: EASTERN AMERICAN ENERGY CORP.

By:  Ronald L. Rech, Regional Drilling Manager
Date:  June 17, 1991
DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

ONE-STAGE FOAM FRAC

Benson - 14 holes (5215'-5211') 70 Quality foam, 30 lbs/1000 gals Gel, 40,000 lbs 16/30 sand. 500 gals 15% HCl acid, 810,000 scf of N₂

WELL LOG

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<th>COLOR</th>
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<th>BOTTOM FEET</th>
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GAS CHECKS:
1512' - No show
2112' - No show
2197' - Oil Odor
2366' - No show
2744' - No show
2964' - No show
3377' - No show
3912' - No show
4606' - 4/10 thru 1" p w/water
4826' - 10/10 thru 1" p w/water
5145' - 10/10 thru 1" p w/water
5208' - 8/10 thru 1" w/water
5336' - 6/10 thru 1" w/water
D.C. - 22/10 thru 1" w/water

(Attach separate sheets as necessary)
STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS 
WELL WORK PERMIT APPLICATION 

1) Well Operator: Eastern American Energy Corporation

2) Operator's Well Number: Blauser/McReynolds #1 WVDOD0025013) Elevation: 1175'

3) Well type: (a) Oil____/ or Gas XX/ 
   (b) If Gas: Production XX/ Underground Storage Deep/ Shallow XX/ 

5) Proposed Target Formation(s): Benson

6) Proposed Total Depth: 5350 feet

7) Approximate fresh water strata depths: 340', 440'

8) Approximate salt water depths: None

9) Approximate coal seam depths: None

10) Does land contain coal seams tributary to active mine? Yes XX/ No

11) Proposed Well Work: Drill and complete new well.

12) CASING AND TUBING PROGRAM

<table>
<thead>
<tr>
<th>TYPE</th>
<th>SPECIFICATIONS</th>
<th>FOOTAGE INTERVALS</th>
<th>CEMENT</th>
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<td>PACKERS: Kind</td>
<td>Sizes</td>
<td>Depths set</td>
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For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Bond WPCP
Plat WW-9 WW-2B Bond Agent (Type)
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

Date: April 22, 1991

1) Operator's well number
   Blauers/McReynolds #1 WVDOD002501

2) API Well No: 47 - 017 - 3887
   State - County - Permit

4) Surface Owner(s) to be served:
   (a) Name Sarah J. Carroll
       Address Centerpoint Star Rt., Box 62
       West Union, WV 26456

   (b) Name
       Address

   (c) Name
       Address

5) (a) Coal Operator:
   Name N/A
   Address

   (b) Coal Owner(s) with Declaration
   Name N/A
   Address

   (c) Coal Lessee with Declaration
   Name N/A
   Address

6) Inspector Mike Underwood
   Address Rt. 2, Box 135
       Salem, WV 26426
   Telephone (304)-782-1043

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or
contracts by which I hold the right to extract oil and gas OR

Included is the information required by Chapter 22B, Article 1,
Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code
I have served copies of this notice and application, a location plat, and
accompanying documents pages 1 through 8, on the above named parties, by:

Personal Service (Affidavit attached)
Certified Mail (Postmarked postal receipt attached)
Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree
to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am
familiar with the information submitted on this application form and all
attachments, and that based on my inquiry of those individuals immediately
responsible for obtaining the information, I believe that the information
is true, accurate, and complete.

I am aware that there are significant penalties for submitting false
information, including the possibility of fine and imprisonment.

Well Operator: Eastern American Energy Corporation
By: Designated Agent

Address P.O. Box N
Glennville, WV 26451
Telephone (304) 462-5781

Subscribed and sworn before me this 22nd day of April, 1991

Notary Public
My commission expires August 1, 1993