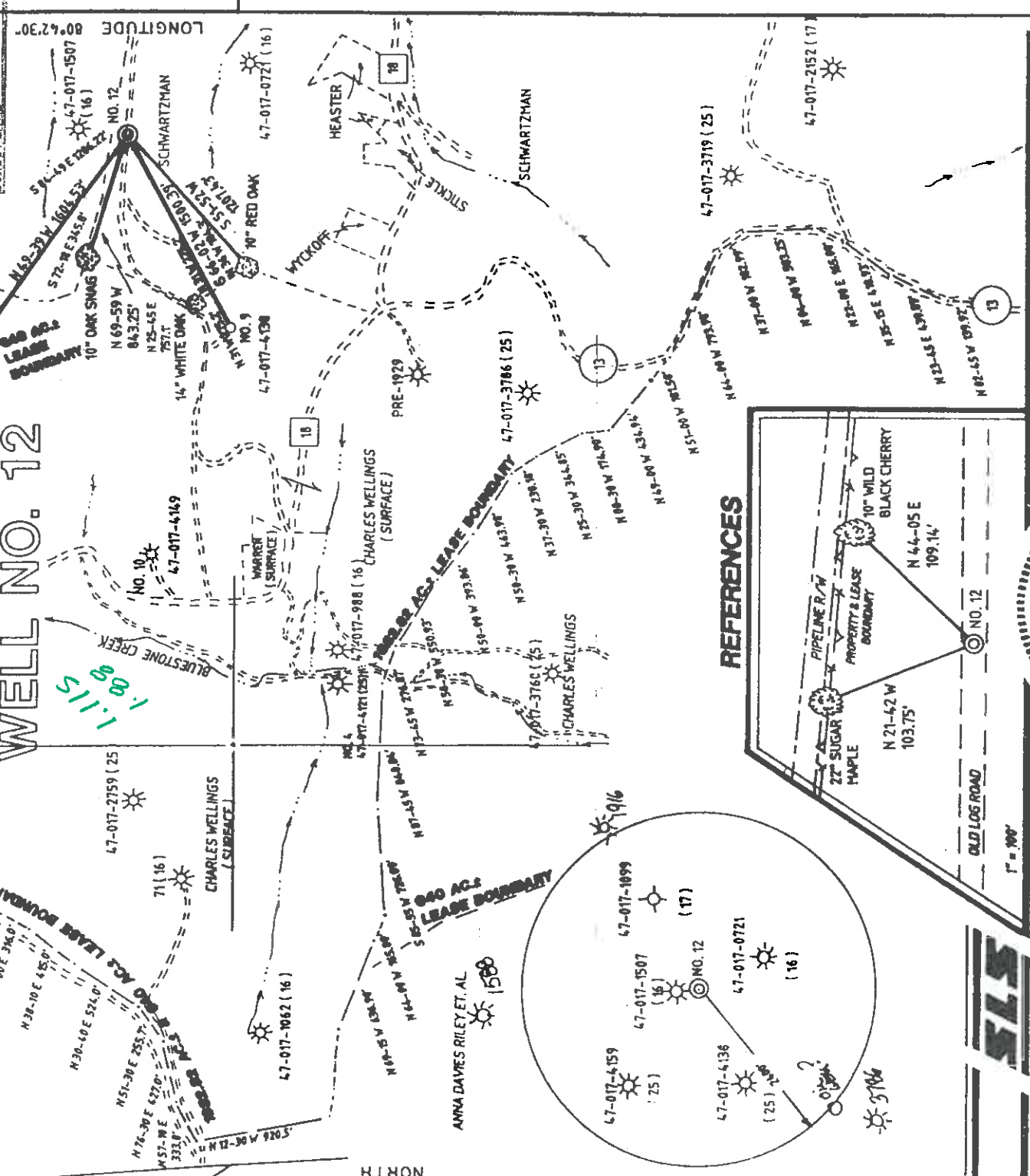


ASHLAND / HOLLAND LEASE 640 & 1882.82 ACRES WELL NO. 12

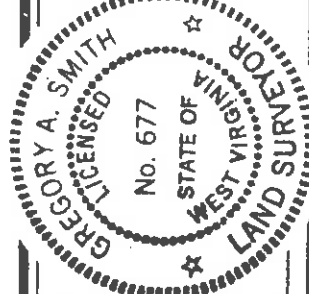
LONGITUDE 39°17'30"
MAR 24 1998

ANNA DAVES RILEY ET. AL.
PLAT NO. 640 AC. LEASE BOUNDARY
WV Division of
DORSEY DAMASCHAL PROCEEDINGS



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 ENERGY

L.L.S. *Gregory A. Smith*
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE FEBRUARY 17, 1995
OPERATORS' WELL NO. ASHLAND / HOLLAND NO. 12
API WELL NO. 47-017-071-0497F

MINIMUM DEGREE OF ACCURACY 1/200
FILE NO. 3028 (53-03)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1285'
SCALE 1" = 1000'

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1172' WATERSHED MEATHOUSE FORK OF MIDDLE ISLAND CREEK

DISTRICT WEST UNION COUNTY DODDRIDGE

SURFACE OWNER BEATRICE SCHWARTZMAN QUADRANGLE SMITHBURG 7.5'

ROYALTY OWNER LEWIS MAXWELL, III ET. AL. ACREAGE 108.59

PROPOSED WORK: LEASE ACRES 108.59 & 1882.82
LEASE NO. WV 02584-2

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5,372

DODD COUNTY NAME
4197 F PERMIT

WELL OPERATOR EASTERN AMERICAN ENERGY CORPORATION DESIGNATED AGENT JOHN M. PALETTI
ADDRESS BOX N GLENVILLE, WV. 26351
APR 21 1998
ADDRESS 501 56th ST. CHARLESTON, WV. 25304

LATITUDE 39°17'30"

ASHLAND / HOLLAND LEASE 640 & 1882.82 ACRES WELL NO. 12

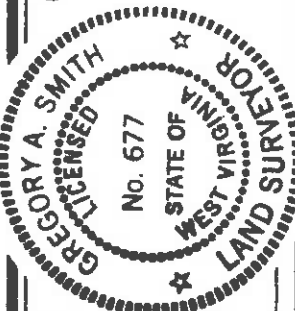
Janell
2/13/95

ANNA DAVIES RILEY ET AL



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 BY THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY

L.L.S. *Gregory A. Smith*
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE FEBRUARY 17, 19 95
OPERATORS' WELL NO. ASHLAND / HOLLAND NO. 12

API WELL NO. 47 - 017 - 0497
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3028 (53-03)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1285'
SCALE 1" = 1000'

WELL TYPE: OIL GAS LIQUID WASTE DISPOSAL INJECTION "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1172' DISTRICT WEST UNION COUNTY DODDRIDGE WATERSHED MEATHOUSE FORK OF MIDDLE ISLAND CREEK

SURFACE OWNER BEATRICE SCHWARTZMAN QUADRANGLE SMITHBURG 7.5' *Center*
ROYALTY OWNER LEWIS MAXWELL, III ET AL. ACREAGE 100.59
LEASE ACREAGE 100.59 & 1002.02

PROPOSED WORK: LEASE NO. WV 02584-4
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION ALEXANDER
ESTIMATED DEPTH 5,372

WELL OPERATOR EASTERN AMERICAN ENERGY CORPORATION DESIGNATED AGENT JOHN M. PALETTI
ADDRESS BOX N GLENVILLE, WY. 26351 6-6 94
COUNTY NAME PERMIT ADDRESS 501 56th ST. CHARLESTON, WV. 25304

Reviewed AK

WR-35

16-Apr-98
API # 47-017-04197 F
State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: B. SchwartzmanC. Wellings Jr Operator Well No.: Ashland/Holl.12
LOCATION: Elevation: 1172.00 Quadrangle: SMITHBURG
District: WEST UNION County: DODDRIDGE
Latitude: 9890 Feet South of 39 Deg. 17 Min. 30 Sec.
Longitude: 5790 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: EASTERN AMERICAN ENERGY CORP
501 56TH STREET
CHARLESTON WV 25304

Agent: JOHN PALETTI

Inspector: MIKE UNDERWOOD
Permit Issued: 04/16/98
Well work commenced: 06/03/98
Well work completed: 06/03/98

Verbal plugging permission granted on:
Rotary X Cable _____ Rig _____
Total Depth (feet) 5393' (MAY 1995)
Fresh water depths (ft) _____
Salt water depths (ft) NONE

Is coal being mined in area? (Y/N) N
Coal Depths (ft)

OPEN FLOW DATA

Producing Formation GORDON Pay zone depth (ft) 2614' - 2583'
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow N/A MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock pressure 50 psi (surface pressure) after 24 Hours

2nd Producing Formation _____ Pay zone depth (ft) _____
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock pressure _____ psi (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 WELLBORE.

JOHN PALETTI, AGENT
By: John Paletti EASTERN AMERICAN ENERGY CORP.
Date: MARCH 10, 1999

MAR 29 1999

Dodd 4197 F

STAGE ONE

STAGE TWO

HOL12W35

STAGE ONE: Gordon
20 holes (2614' - 2583') 25# cross link gel fracture, 500 gals 15% HCl,
23,000 lbs 20/40 sand.

Company
Address

MAR 22 1981

V/2/1981

STAGE FRAC

Stage One: Alexander; 23 holes (5180.5'-5258'), Fraced w/energized water, 30 lbs gel/1000 gals, 60,000 lbs of 20/40 sand, 500 gals of 15% HCl acid and 109,000 scf of N2.

Stage Two: Benson/3rd Riley; 14 holes (4797'-4918'), Fraced w/energized water, 30 lbs gel/1000 gals, 47,000 lbs of 20/40 sand, 500 gals of 15% HCl acid and 101,000 scf of N2.

Stage Three: Riley; 14 holes (4461'-4482'), Fraced w/energized water, 30 lbs gel/1000 gals, 5,000 lbs 80/100 sand, 40,000 lbs of 20/40 sand, 500 gals 15% HCl acid and 96,000 scf of N2.

Stage Four: Balltown; 12 holes (4018.5'-4042'), Fraced w/energized water, 30 lbs gel/1000 gals, 35,000 lbs of 20/40 sand, 500 gals 15% HCl acid and 90,000 scf of N2.

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Sand & Shale	0	45	Including indication of all fresh and salt water, coal, oil and gas
Shale & Red Rock	45	82	1/4" H2o @ 82'
Sand	82	100	1/2" Total H2o @ 620'
Shale & Red Rock	100	125	
Sand & Shale	125	300	
Red Rock	300	330	
Sand & Shale	330	417	
Red Rock	417	427	
Sand & Shale	427	450	
Red Rock	450	469	
Sand	469	476	
Red Rock	476	481	
Sand	481	500	
Shale	500	614	
Red Rock	614	660	
Sand, Shale, Red Rock	660	997	
Sand & Shale	997	1090	1500'-No Show
Sand	1090	1158	1780'-10/10=2"w/H2o
Shale	1158	1167	1842'-10/10=2"w/H2o
Sand	1167	1215	1904'-4/10=2"w/H2o
Shale w/sm Sand	1215	1322	1999'-4/10=2"w/H2o
Sand	1322	1416	2122'-4/10=2"w/H2o
Shale w/tr Sand	1416	1567	2403'-2/10=2"w/H2o
Sand	1567	1640	2714'-2/10=2"w/H2o
Shale w/tr Sand	1640	1772	3026'-4/10=2"w/H2o
Sand	1772	1783	3304'-4/10=2"w/H2o
Shale	1783	1803	3647'-28/10=1"w/H2o
Little Lime	1803	1815	3961'-26/10=1"w/H2o
Shale, Sand & Lime	1815	1852	4210'-30/10=1"w/H2o
Big Lime	1852	1933	4304'-30/10=1"w/H2o
Keener	1933	1972	4522'-28/10=1"w/H2o
Big Injun	1972	2016	4863'-28/10=1"w/H2o
Shale	2016	2164	5019'-6/10=2"w/H2o
Weir	2164	2256	5300'-6/10=2"w/H2o
Shale	2256	2377	5393'-4/10=2"w/H2o
Berea	2377	2385	DC -20/10=1"w/H2o

JUN 9 1995

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
ale			2385	2561	Including indication of all fresh and salt water, coal, oil and gas
rdon			2561	2616	
ale w/tr	Sand		2616	3256	
rren			3256	3291	
ale			3291	3303	
eechley			3303	3407	
ale w/tr	Sand		3407	3986	
lltown			3986	4049	
ale w/tr	Sand		4049	4440	
ley			4440	4503	
ale w/sm	Sand		4503	4906	
anson			4906	4948	
ale			4948	5152	
exander			5152	5262	
ale			5262	5393	
otal Depth				5393	

JUN 9 1995

JUN 09 1995

State of West Virginia
 Division of Environmental Protection
 Section of Oil and Gas

API # 47- 17-04197
 14-Apr-95

Permitting
 Office of Oil & Gas
 Farm Name: SCHWARTZMAN, BEATRICE Operator Well No.: Ashl/Holand #12
 Well Operator's Report of Well Work

LOCATION: Elevation: 1,172.00 Quadrangle: SMITHBURG

District: WEST UNION County: DODDRIDGE
 Latitude: 5790 Feet South of 39 Deg. 17Min. 30 Sec.
 Longitude 9890 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: EASTERN AMERICAN ENERGY C
P. O. BOX 820
GLENVILLE, WV 26351-0820

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
 Permit Issued: 04/14/95
 Well work Commenced: 05-09-95
 Well work Completed: 05-13-95
 Verbal Plugging
 Permission granted on: _____
 Rotary x Cable _____ Rig
 Total Depth (feet) 5393'
 Fresh water depths (ft) 80', 620'

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

OPEN FLOW DATA

(Commingle) Benson, 3rd Riley,
 Alexander, Balltown
 Producing formation Riley, Balltown Pay zone depth (ft) 4018'-5258'
 Gas: Initial open flow 389 MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 411 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests _____ 15 Hours
 Static rock Pressure 1250 psig (surface pressure) after 24 Hours

Second producing formation _____ Pay zone depth (ft) _____
 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 WELLBORE.

For: EASTERN AMERICAN ENERGY CORP.

BY: [Signature] Supervisor
 Date: 6-9-95

JUN 9 1995

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	23'	23'	---
8-5/8"	1095'	1095'	CTS 275 SXS
4-1/2"	-----	5367'	730 SXS

RECEIVED

WV Division of Environmental Protection

STATE OF WEST VIRGINIA

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

MAR 28 1995

WELL WORK PERMIT APPLICATION

259

14980

611

1. Permitted Operator: Eastern American Energy Corporation
Office of Oil & Gas

2. Operator's Well Number: Ashland/Holland #12 3. Elevation: 1172'

4. Well type: (a) Oil / or Gas XX /

(b) If Gas: Production XX / Underground Storage /
Deep / Shallow XX /

5. Proposed Target Formation(s): Alexander/Benson/Riley 439

6. Proposed Total Depth: 5,372 feet

7. Approximate fresh water strata depths: 35', 150'

8. Approximate salt water depths: None

9. Approximate coal seam depths: 635'-639'

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

11. Proposed Well Work: Drill and complete well.

12. Deepest Red Rock: 1,763'

13. Wells used to correlate date: Doddridge 4149, 4138, 1507, 1588, 1104 & 1105.

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight Per Foot	For Drilling	Left in Well	
Conductor	11-3/4"	F-25	32.0	20'	---	---
Fresh Water	8-5/8"	F-25	20.0	1100'	1100'	C.T.S. 38CSR18- 11.3 & 11.2.2
Coal						
Intermediate *						
Production	4-1/2"	J-55	10.5	---	5287'	38CSR18- 11.1
Tubing						
Liners						

* OPTIONAL: Based upon coal or excessive amounts of water being encountered below the 9-5/8" casing.

PACKERS: Kind

Sizes

Depths Set

11/31/96

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Agent

5/3

Issued 04/14/95
Expired 04/14/97
PAGE 3 OF 9

MAR 28 1995

1) Date: March 22, 1995
2) Operator's Well number
Ashland/Holland #12
3) API Well No: 47 - 017 - A197
State - County - Permit

Permitting
Office of Oil & Gas
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name Beatrice Schwartzman
Address 2520 30th Street, N.W.
Washington, DC 20008
- (b) Name Charles Wellings, Jr.
Address Route 18 South, Box 3
West Union, WV 26456
- (c) Name _____
Address _____
- 6) Inspector Mike Underwood
Address Route 2 Box 135
Salem, WV 26426
Telephone (304) - _____
- 5) (a) Coal Operator:
Name N/A
Address _____
- (b) Coal Owner(s) with Declaration
Name N/A
Address _____
- Name _____
Address _____
- (c) Coal Lessee with Declaration
Name N/A
Address _____

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 _____ 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: [Signature]
Its: _____ Designated Agent
Address 501 56th Street
Charleston, WV 25304

Telephone (304) 925-6100
Subscribed and sworn before me this 23rd day of March, 1995

[Signature] Notary Public
My commission expires 11-26-96