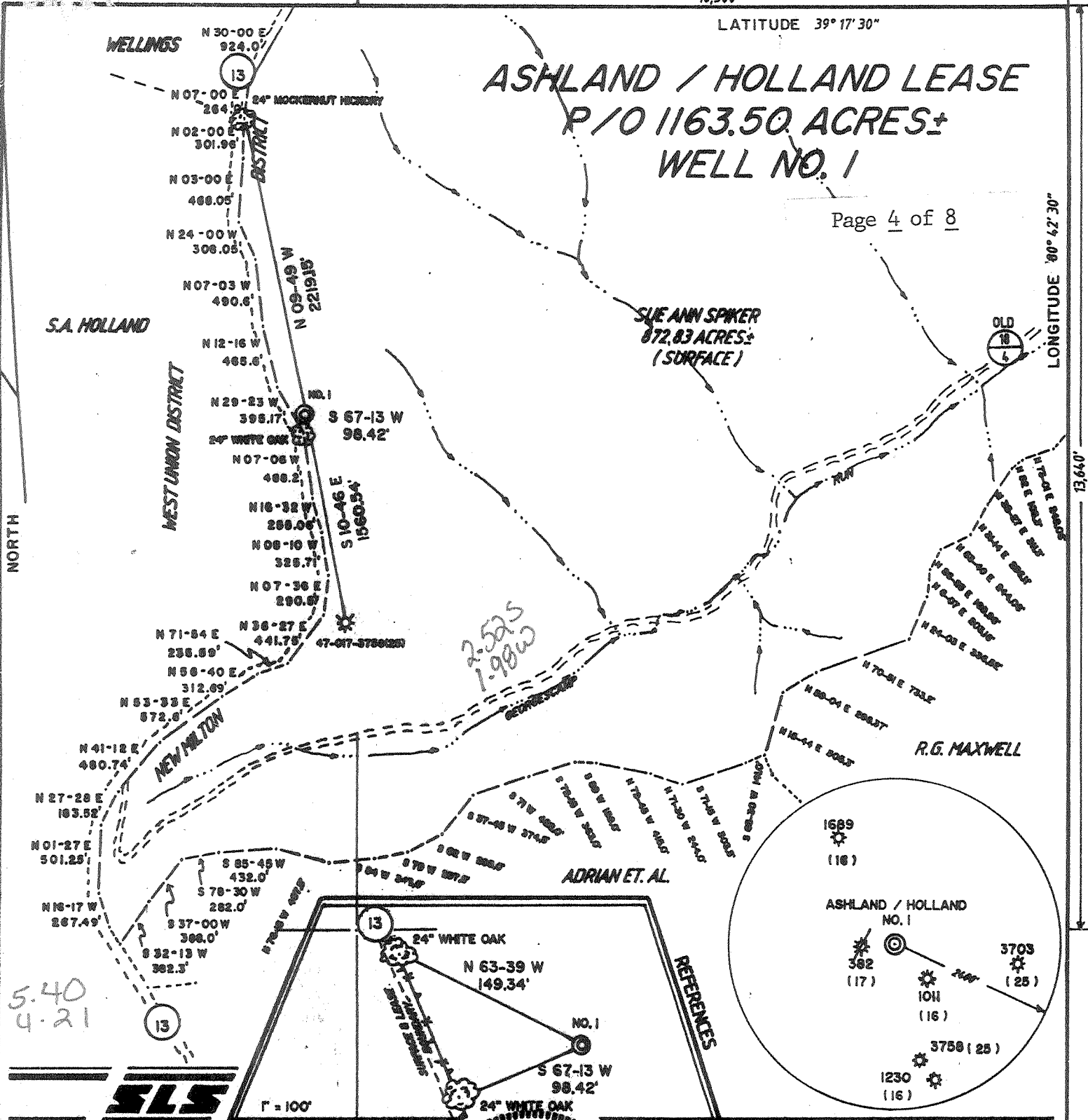




# ASHLAND / HOLLAND LEASE P/O 1163.50 ACRES+ WELL NO. 1

Page 4 of 8



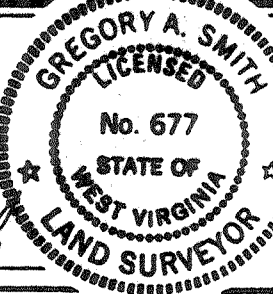
5.40  
4.21

2.525  
1.90W



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. 677 Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE MAY 18, 19 93  
 OPERATORS WELL NO. ASHLAND / HOLLAND NO. 1  
 API WELL NO. 47 - 017 - 04021  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3028 (42-62)  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1233' SCALE 1" = 1000'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION

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

LOCATION: ELEVATION 1244' WATERSHED GEORGESCAMP RUN  
 DISTRICT NEW MILTON COUNTY DODDRIDGE QUADRANGLE SMITHBURG 7.5  
 SURFACE OWNER SUE ANN SPIKER ACREAGE 872.83 OF 1163.50  
 ROYALTY OWNER LEMAN MAXWELL III ET. AL. LEASE ACREAGE 1500.00  
 PROPOSED WORK: LEASE NO. WVO2584-+  
 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 \_\_\_\_\_  
 ESTIMATED DEPTH JUN 18 1993

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI  
 ADDRESS BOX # GLENVILLE, WV 26351 ADDRESS 501.56th St. CHARLESTON, WV 26304

WR-35

1998

23-Sep-98  
API # 47- 17-04021 F

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

Well Operator's Report of Well Work

Farm name: SPIKER, SUIE ANN Operator Well No.: ASHLND/HOLLND 1

LOCATION: Elevation: 1,244.00 Quadrangle: SMITHBURG

District: NEW MILTON County: DODDRIDGE  
Latitude: 13640 Feet South of 39 Deg. 17Min. 30 Sec.  
Longitude 10500 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: EASTERN AMERICAN ENERGY C  
501 56TH STREET  
CHARLESTON, WV 25304-0000

Agent: JOHN PALETTI

Inspector: MIKE UNDERWOOD  
Permit Issued: 12/21/95  
Well work Commenced: 07/25/97  
Well work Completed: 07/25/97  
Verbal Plugging  
Permission granted on: 12/21/95  
Rotary Cable Rig  
Total Depth (feet) 5380'  
Fresh water depths (ft) 38', 249',  
348' and 486'  
Salt water depths (ft) None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8"	1371.05'	1371.05'	335 sacks
4 1/2"	--	5336.55'	1820'

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

OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) 2603'-2623'  
 Gas: Initial open flow 0 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

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: John Paletti  
Date: 11/10/98

NOV 23 1998

DODD 4021 F

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

Well Operator's Report of Well Work

Farm name: SPIKER, SUE ANN Operator Well No.: ASHLND/HOLND #1

LOCATION: Elevation: 1,244.00 Quadrangle: SMITHBURG

District: NEW MILTON County: DODDRIDGE  
Latitude: 13640 Feet South of 39 Deg. 17Min. 30 Sec.  
Longitude 10500 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: 06/18/93  
Well work Commenced: 07/26/93  
Well work Completed: 08/13/93  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary xx Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 5375'  
Fresh water depths (ft) 51'

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): 5'-8'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	1371.05'	1371.05'	CTS 335 sxs
4-1/2"	-----	5336.55'	680 sxs
1-1/2"	-----	5133'	-----

OPEN FLOW DATA

(Commingled) & Riley 5238'-  
Producing formation Alexander, Benson, 3rd Riley Pay zone depth (ft) 4110.5'  
Gas: Initial open flow 934 MCF/d Oil: Initial open flow N/A Bbl/  
Final open flow 799 MCF/d Final open flow N/A Bbl/  
Time of open flow between initial and final tests 15 Hour  
Static rock Pressure 1150 psig (surface pressure) after 24 Hour

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/  
Time of open flow between initial and final tests \_\_\_\_\_ Hour  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hour

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATE 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.

TMG  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

For: EASTERN AMERICAN ENERGY CORP. 001 27 000  
By: Ronald L. Beck Regional Drilling Mgr.  
Date: 10-11-93

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

Stage One

Alexander: 16 holes (5184.5'-5238'), fraced w/energized water (150 scf/bbl), 30 lbs gel/1000 gals, 50,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 93,000 scf of N2.

Stage Two

Benson/3rd Riley: 15 holes (4806.5'-4902'), fraced w/energized water (150 scf/bbl), 30lbs gel/1000 gals, 50,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 101,000 scf of N2.

Stage Three

Riley: 15 holes (4110.5'-4143'), fraced w/energized water (150 scf/bbl), 30 lbs gel/1000 gals, 40,000 lbs of 20/40 sand, 500 gals of 15% HCL acid and 74,000 scf of N2.

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay and Shale			0	5	51' - 1/2" stream water
Coal			5	8	
Sand and Shale			8	80	
Sand, Shale, and Red Rock			80	488	
					<u>Gas Checks</u>
Sand and Shale			488	521	1853' - No Show
Sand, Shale and Red Rock			521	1135	1979' - No Show
Sandy Shale			1135	1360	2170' - No Show
Sand			1360	1445	2195' - No Show
Black Shale			1445	1460	2362' - 32/10 - 2" w/water
Sand and Shale			1460	1832	2552' - 32/10 - 2" w/water
Little Lime			1832	1844	2804' - 40/10 - 2" w/water
Sand			1844	1876	3150' - 38/10 - 2" w/water
					3464' - 38/10 - 2" w/water
Big Lime			1876	1946	3907' - 38/10 - 2" w/water
Keener			1946	1973	4380' - 32/10 - 2" w/water
Big Injun			1973	2027	4507' - 32/10 - 2" w/water
Shale			2027	2174	4697' - 30/10 - 2" w/water
					4853' - 30/10 - 2" w/water
Weir			2174	2330	5296' - 40/10 - 2" w/water
Shale			2330	2388	5375' - 34/10 - 2" w/water
Berea			2388	2394	DC - 32/10 - 2" w/water
Shale			2394	2600	
Gordon			2600	2624	
Shale and Sandy Shale			2624	3240	
Warren			3240	3290	
Shale and Sandy Shale			3290	4006	
Balltown			4006	4050	
Shale and Sandy Shale			4050	4450	
Riley			4450	4476	
Shale			4476	4804	
3rd Riley			4804	4828	
Shale			4828	4898	
Benson			4898	4904	
Shale			4904	5146	
Alexander			5146	5250	
Shale			5250	5375	

DF-424  
DFT-439

17371





1) Date: May 28, 1993  
2) Operator's well number ASHLAND/HOLLAND #1  
3) API Well No: 47 - 017 - 4021  
State - County - Permit

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:  
(a) Name Sue Ann Spiker  
Address Rt. 1 Box 161 S  
Jane Lew, WV 26378  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Mike Underwood  
Address Rt. 2Box 135  
Salem, WV 26426  
Telephone (304)- 782-1043

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  
XX 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)  
XX 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: John M. Salek  
Its: Designated Agent  
Address P.O. Box 820  
Glenville, WV 26351  
Telephone (304) 462-5781

Subscribed and sworn before me this 28th day of May, 19 93

My commission expires February 28, 2002. Marilyn H. Bea Notary Public

OFFICIAL SEAL - NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
MARLYN H. BEA  
257 W. RIVER AVE.  
WESTON, WV 26072

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WELL WORK PERMIT APPLICATION

DEC 05 1995

Well Operator: Eastern American Energy Corporation 14980 (6) 611

Office of Oil & Gas Well Number: Ashland/Holland #1 Recomplete 3) Elevation: 1244'

Well type: (a) Oil\_\_\_/ or Gas\_\_\_/ *Issued 12/21/95*  
 (b) If Gas: Production\_\_\_/ Undergrnd Storage\_\_\_/ *Expires 12/21/97*  
 Deep\_\_\_/ Shallow\_\_\_/

Proposed Target Formation(s): Gordon 419

- 6) Proposed Total Depth: Original 5380 feet
- 7) Approximate fresh water strata depths: 38', 249', 348', 486'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes\_\_\_/ No<sup>X</sup>\_\_\_/
- 11) Proposed Well Work: Set temporary plug. Frac Gordon. Commingle with existing permit production.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor						
Fresh Water	8-5/8"	F-25	20.0	1371.05'	1371.05'	CTS 335 Sacks 38CSR18-11.2.2
Coal						
Intermediate						
Production	4-1/2"	J-55	10.5		5336.55	Cement top 1820 from bond log.
Tubing						
Liners						

PACKERS : Kind \_\_\_\_\_  
 Sizes \_\_\_\_\_  
 Depths set \_\_\_\_\_

For Office of Oil and Gas Use Only

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



1) Date: December 4, 1995  
2) Operator's well number  
Ashland/Holland #1 Recomplete  
3) API Well No: 47 - 017 - 4021-F  
State County Permit

DEC 05 1995

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

Permitting  
Office of Oil & Gas

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:  
(a) Name Sue Ann Spiker  
Address Rt. 1 Box 161 S.  
Jane Lew, WV 26378  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_

5) (a) Coal Operator:  
Name N/A  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name N/A  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_

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

(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

X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 9 on the above named parties, by:

- \_\_\_\_\_ Personal Service (Affidavit attached)
- X Certified Mail (Postmarked postal receipt attached)
- \_\_\_\_\_ Publication (Notice of Publication attached)

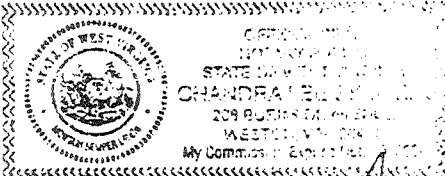
I have read and understand Chapter 22-6 and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

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: John M. Calitto  
Its: Designated Agent  
Address P.O. Box 820  
Glennville, WV 26351  
Telephone (304) 462-5781

Subscribed and sworn before me this 4th day of December, 1995



Chandraya B. Skinner

Notary Public

My commission expires October 10, 2000