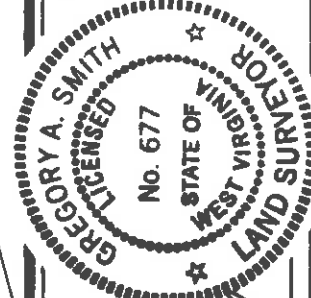


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

L.L.S. Gregory A. Smith
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE OCTOBER 8, 19 93
OPERATORS WELL NO. ASHLAND / HOLLAND NO. 6
API WELL NO. 47-017-4059-F STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 3028 (44-71)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1233' SCALE 1" = 1000'

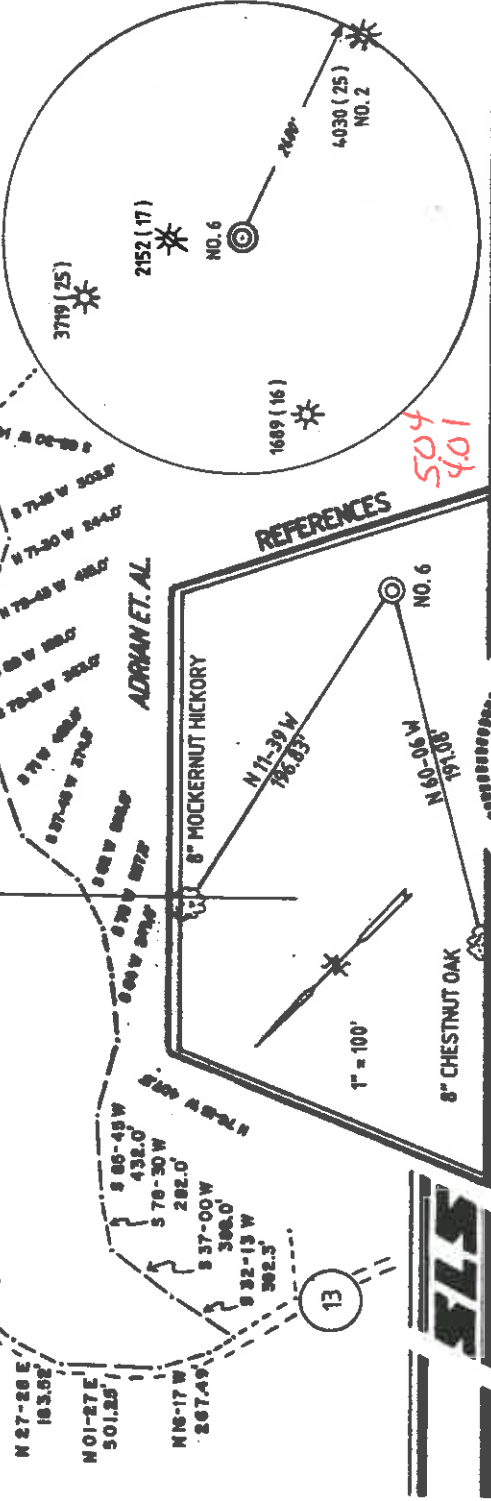
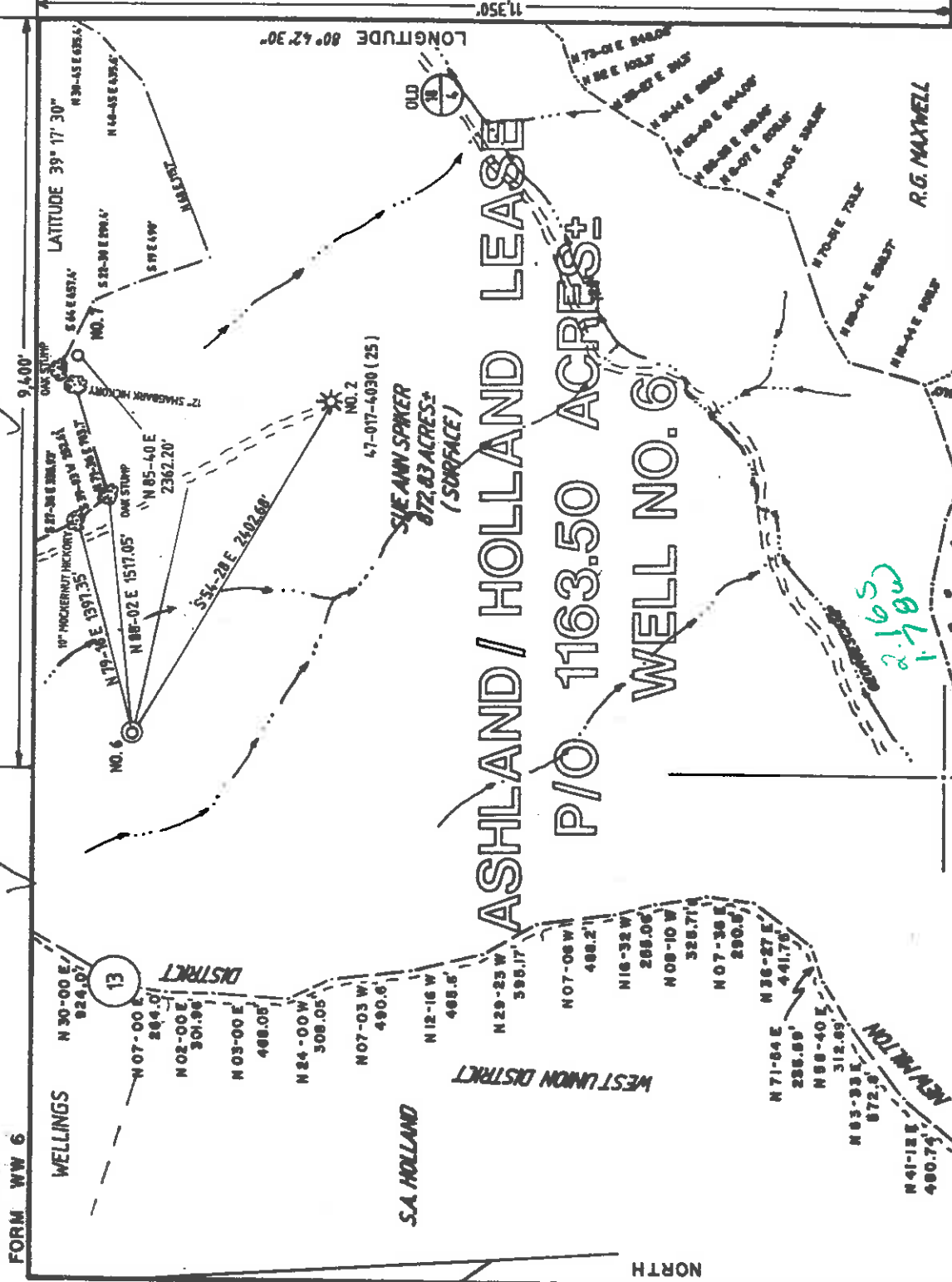
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1224' WATERSHED GEORGE SCAMP RUN
DISTRICT NEW MILTON COUNTY DODDRIDGE
SURFACE OWNER SUE ANN SPKER
ROYALTY OWNER LEMAN MAXWELL III ET AL.
PROPOSED WORK:
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 5368'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN M. PALETTI
ADDRESS BOX N GLENVILLE, WV 26351 ADDRESS 501.55th St. CHARLESTON, WV 26304

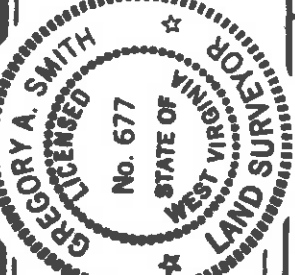
COUNTY NAME SMITHBURG 7.5 PERMIT 4059
ACREAGE 972.83 OF 1163.50 LEASE ACREAGE 1163.50
LEASE NO. _____

QUADRANGLE SMITHBURG 7.5
ACREAGE 972.83 OF 1163.50
LEASE ACREAGE 1163.50
LEASE NO. _____



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 OCTOBER 8, 19 93
OPERATORS WELL NO. ASHLAND/HOLLAND NO. 6
API WELL NO. 47-017-4059 COUNTY SMITHBURG PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 3028 (44-17)
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 WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1224' WATERSHED GEORGE SCAMP RUN
DISTRICT NEW MILTON COUNTY DODD RIDGE
SURFACE OWNER SUE ANN SPYKER
ROYALTY OWNER LEAH MAXWELL III ET AL.
PROPOSED WORK:
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) ALEXANDER
COUNTY NAME SMITHBURG PERMIT 1238

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. 259 DESIGNATED AGENT JOHN M. PALETTI
ADDRESS BOX N GLENVILLE, WV 26351 ADDRESS 501 56th St. CHARLESTON, WV 26304
6-6 94

RECEIVED
WV Division of
Environmental Protection

NOV 30 1995

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

Permitting Well Operator's Report of Well Work
Office of Oil & Gas

Farm name: SPIKER, SUE ANN

Operator Well No.: Ashland/Holland #6
Re-Complete

LOCATION: Elevation: 1,224.00 Quadrangle: SMITHBURG

District: NEW MILTON
Latitude: 11350 Feet SOUTH OF 39
Longitude 9400 Feet WEST OF 80

County: DODDRIDGE
Des 17 Min. 30 Sec.
Des 42 Min. 30 Sec.

Company: EASTERN AMERICAN ENERGY CORP.

P. O. BOX N
GLENNVILLE, WV

Casings Used in Left Cement
& Tubings Drillings in Well Cu. Ft.

Agent: DONALD C. SUPCOE

Size	Existing	CTS
8-5/8"	1254'	1254'
4-1/2"		5337'
		730 SXS

Inspector: _____
 Permit Issued: _____
 Well work Commenced: 10-17-95
 Well work Completed: 10-17-95
 Verbal Plussings _____
 Permission granted on: _____
 Rotary Cable _____ Ris
 Total Depth (feet) 5382'
 Fresh water depths (ft) Same as original
 WR-35
 Salt water depths (ft) _____
 Is coal being mined in area (Y/N)? _____
 Coal Depths (ft): _____

OPEN FLOW DATA

Producing formation Same as original Pay zone depth (ft) _____
 Gas: Initial open flow MCF/d Oil: Initial open flow _____
 Final open flow MCF/d Final open flow _____
 Time of open flow between initial and final tests _____
 Static rock Pressure Psia (surface pressure) after _____
 Second producing formation Gordon Pay zone depth (ft) 2593-2613
 Gas: Initial open flow 84 MCF/d Oil: Initial open flow N/A
 Final open flow 84 MCF/d Final open flow N/A
 Time of open flow between initial and final tests 10
 Static rock Pressure 110 Psia (surface pressure) after 24

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

DEC 04 1995

For: EASTERN AMERICAN ENERGY CORP.

By: *Mark A. Spiker* Senior Chilling Supervisor

Date: 11-28-95

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

Gordon; 20 holes (2593'-2620'), Broke down w/500 gals of 15% HCl acid.

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
same as original.			JUN 24 1955

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

Permitting
Office of Oil & Gas

Farm name: SPIKER, SUE ANN Well Operator's Report of Well Work

Operator Well No.: ASHLND/HOLND#6

LOCATION: Elevation: 1,224.00 Quadrangle: SMITHBURG

District: NEW MILTON County: DODDRIDGE
Latitude: 11350 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 9400 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: 11/01/93
Well work Commenced: 11/15/93
Well work Completed: 12/03/93
Verbal Plugging
Permission granted on: Rig
Rotary XX Cable 5382
Total Depth (feet) 5382
Fresh water depths (ft) 60'

Salt water depths (ft) None

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

OPEN FLOW DATA

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 - 5/8"	1264'	1264'	CTS 305_sxs
4 - 1/2"	---	5337.25'	730_sxs

(COMMINGLED)

Producing formation Alexander, Riley, Balltown Pay zone depth (ft) 5250'-4013'
Gas: Initial open flow 1404 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 1061 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 1225 psig (surface pressure) after 24 Hours

Second producing formation

Gas: Initial open flow MCF/d Oil: Initial open flow (ft) 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: Ronald L. Rech, Regional Drilling Manager
Date: 12-20-93

Jan 1 - 93

47-017-4059
 DETAILS OF PERFORATED
 3-STAGE FRAC

INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Stage One Alexander: 20 holes (5179.5'-5250'), fraced w/energized water (250 scf/bbl),
 30 lbs gel/1000 gals, 50,000 lbs of 20/40 sand, 500 gals of 15%
 HCL acid and 170,000 scf of N2.

Stage Two Riley: 14 holes (4446.5'-4474'), fraced w/energized water (150 scf/bbl),
 30 lbs gel/1000 gals, 28,000 lbs of 20/40 sand, 500 gals of 15%
 HCL acid and 80,000 scf of N2.

Stage Three Balltown: 14 holes (4013'-4145'), fraced w/energized water (150 scf/bbl),
 30 lbs gel/1000 gals, 28,000 lbs of 20/40 sand, 500 gals of 15%
 HCL acid and 78,000 scf of N2.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Clay			0	3	Including indication of all fresh and salt water, coal, oil and gas
Shale			3	10	
Sand and Sandy Shale			10	45	1/4" stream H2O @ 60'
Red Rock			45	60	
Sand and Sandy Shale			60	110	Gas Checks:
Shale and Red Rock			110	140	
Sandy Shale			140	281	1600' - No Show
Red Rock			281	296	1949' - 30/10 thru 2" w/H2O
Sandy Shale			296	315	2106' - 26/10 thru 2" w/H2O
Red Rock			315	341	2295' - 26/10 thru 2" w/H2O
Sand			341	355	2515' - 36/10 thru 2" w/H2O
Shale			355	511	2796' - 40/10 thru 2" w/H2O
Sand and Lime			511	525	3173' - 50/10 thru 2" w/H2O
Red Rock			525	567	3459' - 50/10 thru 2" w/H2O
Shale			567	635	3902' - 50/10 thru 2" w/H2O
Red Rock			635	667	4371' - 50/10 thru 2" w/H2O
Sand			667	673	4592' - 50/10 thru 2" w/H2O
Sandshale and Sand			673	1867	4814' - 50/10 thru 2" w/H2O
Big Lime			1867	1927	4972' - 50/10 thru 2" w/H2O
Keener			1927	1970	5256' - 50/10 thru 2" w/H2O
Shale			1970	1980	
Big Injun			1980	2014	
Shale and Siltstone			2014	2136	
Weir			2136	2286	
Shale			2286	2379	
Berea			2379	2387	
Shale			2387	2589	
Gordon			2589	2620	
Shale and Siltstone			2620	3230	
Warren			3230	3284	
Shale			3284	3302	
Speechley			3302	3404	

(Attach separate sheets as necessary)

JAN 1 1954

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Shale and Siltstone	3404	4010	
Balltown	4010	4166	
Shale w/trace Siltstone	4166	4437	
Riley	4437	4477	
Shale w/some Siltstone	4477	4904	
Benson	4904	4942	
Shale w/some Siltstone	4942	5156	
Alexander	5156	5273	
Shale	5273	5382	
Total Depth:		5382	

1807M

JAN 1 - 1984

259
Well Work Permit Application
Issued 10/19/95
Expires 10/19/97
⑥ C 11

Well Operator: Eastern American Energy Corporation
Operator's Well Number: Ashland/Holland #6
Well type: (a) Oil ___ / or Gas XX/
3) Elevation: 1224'

(b) If Gas: Production XX / Undergound Storage ___
Deep ___ / Shallow XX/
49

Proposed Target Formation(s): Gordon
Proposed Total Depth: Original 5382' feet Temp. Plug Depth 2700'
Approximate fresh water strata depths: 60'
Approximate salt water depths: None

10) Approximate coal seam depths: None
11) Does land contain coal seams tributary to active mines? Yes No XX/
12) Proposed Well Work: Drill and complete new well Yes No XX/
Set temporary plug trace. Gordon Company not permit production

SPECIFICATIONS
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				
Coal	*				1264'	CTS 305 SXS
Intermediate						
Production	4-1/2"	J-55	10.5		5337.25	Cement top 1620' from bond log.
Tubing						
Liners						

* OPTIONAL: Based upon coal or excessive amounts of water being encountered below the 578' casing.
PACKERS: Kind _____ Sizes _____ Depths set _____

1222
1111
Fee(s) Paid: _____
Plat _____ WW-9 _____ WW-2B _____ Bond _____
Reclamation Fund _____ WPCP _____
Agent _____
(Typed) _____

1) Date: September 21, 1995
Operator's well number
Ashland/Holland #6
2) API Well No: 47 - 017 - A059-ERAC
3) 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 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 _____
(c) Coal Lessee with Declaration
Name N/A
Address _____

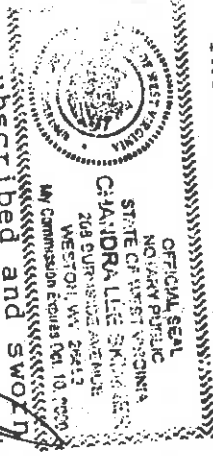
6) Inspector Mike Underwood
Address Rt. 2 Box 135
Salem, WV 26426
Telephone (304) - 782-1043

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
X 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 9 on the above named parties, by:
X Certified Mail (Postmarked postal receipt attached)
X 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.



By: Candra Lee Skinner Designated Agent
Its: _____ P.O. Box 820
Address _____ Glenville, WV 26351
Telephone (304) 462-5781
before me this 21st day of September, 1995
Candra Lee Skinner Notary Public
My commission expires October 10, 2000

RECEIVED
FORM WW-2B Environmental Protection

017-4059
Issued 11/01/93
Page 3 of 9
Expire 11/01/95

OCT 15 88 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

18079) Permitting
Office of Oil & Gas

Well Operator: Eastern American Energy Corporation 14980 2 611

Operator's Well Number: ASHLAND/HOLLAND #6

Well type: (a) Oil ___ / or Gas XX / 3) Elevation: 1224'

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

5) Proposed Target Formation(s): Alexander 431

6) Proposed Total Depth: 5368 feet

7) Approximate fresh water strata depths: 21, 73, 465, 1048

8) Approximate salt water depths: None

9) Approximate coal seam depths: 240-244, 598-603

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

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

12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11-3/4"	F-25	32.0	20'	---	Fill-up (cu. ft.)
Fresh Water	8-5/8"	F-25	20.0	1224'	1224'	C.T.S. 38CSR18-11.3
Coal	*					38CSR18-11.2
Intermediate						
Production	4-1/2"	J-55	10.5	---	5283'	38CSR18-11.1
Tubing						
Liners						

* OPTIONAL: Based upon coal or excessive amounts of water being encountered below the 95' counter cased.
PACKERS : Kind _____ Sizes _____ Depths set _____

467421

FOR Division of Oil and Gas Use Only

Fee(s) paid: \$

Plat WW-9

Well Work Permit

Bond

Reclamation Fund

WPCP

Blanket

(Type)

Agent

1) Date: October 13, 1993
2) Operator's well number ASHLAND/HOILAND #6 4059
3) API Well No: 47 - 017 - - Permit
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. 2, Box 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 _____

(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 _____ on the above named parties, by: _____
Personal Service (Affidavit attached)
Certified Mail (Postmarked postal receipt attached)

XX 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. Bryan
Designated Agent
Address P. O. Box 820
Glenville, WV 26351

Telephone (304) 462-5781
Its: _____
Address _____

Subscribed and sworn before me this 13th day of October, 1993
Frank M. Bryan
My commission expires February 26, 2002

Notary Public
OFFICIAL SEAL
STATE OF WEST VIRGINIA
JOHN M. BRYAN
207 N. RIVER AVE.
WETZEL, WV 26452
My Commission Expires Feb. 26, 2002