



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

Well Operator's Report of Well Work

Farm name: HAMBLET, MARY E. HARPER Operator Well No.: ASHLAND/MAXWL#1

LOCATION: Elevation: 1219.00 Quadrangle: OXFORD

District: WEST UNION County: DODDRIDGE  
Latitude: 7650 Feet South of 39 Deg. 15Min. 0 Sec.  
Longitude 3490 Feet West of 80 Deg. 47 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: 05/29/92  
Well work Commenced: 07/06/92  
Well work Completed: 07/24/92  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary XX Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 5475'  
Fresh water depths (ft) 35', 850'  
Salt water depths (ft) 1415'  
Is coal being mined in area (Y/N)? N  
Coal Depths (ft): 34'-38'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	1345.75'	1345.75'	350 sxs
4-1/2"	---	5312.40'	775 sxs

OPEN FLOW DATA (Comingled)  
 Alexander, Benson, 3rd Riley, 2nd Riley, Pay zone depth (ft) 5222'-4061'  
 Producing formation Riley, Bradford, Balltown  
 Gas: Initial open flow 629 MCF/d Oil: Initial open flow N/A Bbl/d  
 Final open flow 581 MCF/d Final open flow N/A Bbl/d  
 Time of open flow between initial and final tests 15 Hours  
 Static rock Pressure 1150 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: Ronald L. Rech  
EASTERN AMERICAN ENERGY CORP.

By: Ronald L. Rech, Regional Drilling Manager  
Date: July 30, 1992

(REVERSE)

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

ASHLAND/MAXWELL #1  
47-017-3955

4 Stage Energized Water Frac

Stage One, Alexander: 20 holes (5222'-5181'), fraced w/energized water, 30 lbs gel/1000 gals, 60,000 lbs 20/40 sand, 500 gals 15%HCl acid and 106,500 scf of N<sub>2</sub>

Stage Two, Benson/3rd Riley/2nd Riley: 20 holes (4899.5'-4732.5'), fraced w/energized water, 30 lbs gel/1000 gals, 50,000 lbs 20/40 sand, 500 gals 15% HCl acid and 104,600 scf of N<sub>2</sub>

Stage Three, Riley/Bradford: 18 holes (4478.5'-4350.5'), fraced w/energized water, 30 gel/1000 gals, 50,000 lbs 20/40 sand, 500 gals 15% HCl acid and 95,000 scf of N<sub>2</sub>

Stage Four, Balltown: 12 holes (4075'-4061'), fraced w/energized water, 30 lbs gel/1000 gals, 30,000 lbs 20/40 sand, 500 gals 15% HCl acid and 118,100 scf of N<sub>2</sub>

SEP 8 1992

ASHLAND/MAXWELL #1  
 API# 47-017-3955

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all, fresh and salt water, coal, oil and gas
Redrock			0	15	Water 35' 1/2"
Sand and Shale			15	34	Water 850' 3/4"
Coal			34	38	Water 1415' 1/2"
Sand and Shale			38	330	
Sand			330	350	
Sand and Shale			350	475	
Redrock and Shale			475	710	Gas Checks:
Sand and Shale			710	865	1868' 4/10 thru 2" w/w
Redrock and Shale			865	978	2147' 2/10 thru 2" w/w
Sand			978	1020	2364' 3/10 thru 1" w/w
Redrock and Shale			1020	1295	2707' 8/10 thru 2" w/w
Sand			1295	1342	3207' 6/10 thru 2" w/w
Shale			1342	1390	3395' 10/10 thru 2" w/w
Sand			1390	1460	3800' 10/10 thru 2" w/w
Sand and Shale			1460	1590	4174' 8/10 thru 2" w/w
Sand			1590	1598	4298' 12/10 thru 2" w/w
Sand and Shale			1598	1660	4422' 12/10 thru 2" w/w
Sand			1660	1710	4607' 10/10 thru 2" w/w
Sand and Shale			1710	1844	4855' 18/10 thru 2" w/w
Sand and Shale			1844	1890	5010' 16/10 thru 1" Hg
Lime			1890	1950	5258' 10/10 thru 1" Hg
Big Lime			1950	2034	TD 6/10 thru 1"
Big Injun			2034	2190	DC 6/10 thru 2" w/w
Sand and Shale			2190	2304	
Weir			2304	2333	
Sand			2333	2620	
Sand and Shale			2620	2635	
Gordon			2635	3277	
Sand and Shale			3277	3315	
Warren			3315	4060	
Balltown			4060	4110	
Sand and Shale			4110	4240	
Sand and Shale			4240	4350	
Bradford			4350	4376	
Sand and Shale			4376	4470	
1st Riley			4470	4494	
Sand and Shale			4494	4716	
Rileys			4726	4834	
Sand and Shale			4834	4894	
Benson			4894	4902	
Sand and Shale			4902	4918	
Sand			4918	5152	
Alexander			5152	5232	
Sand and Shale			5232	5475	

13706

5/13/94

017-3955

issued 05/29/92

Expires 05/29/94

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

- 1) Well Operator: Eastern American Energy Corporation 14980 (8) 525
- 2) Operator's Well Number: ASHLAND/MAXWELL #1 3) Elevation: 1219'  
WVDOD003501
- 4) Well type: (a) Oil  or Gas   
(b) If Gas: Production  Underground Storage   
Deep  Shallow
- 5) Proposed Target Formation(s): Alexander
- 6) Proposed Total Depth: 5367' feet
- 7) Approximate fresh water strata depths: 85', 103', 238', 463', 547', 656'
- 8) Approximate salt water depths: 1423'
- 9) Approximate coal seam depths: 588' - 591'
- 10) Does land contain coal seams tributary to active mine? Yes  / No
- 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	Fill-up (cu. ft.)
Conductor	11-3/4"	F-25	32.0	40'		
Fresh Water	8-5/8"	F-25	20.0	1320'	1320'	C.T.S. 38CSR18-11.3
Coal						38CSR18-11.2.2
Intermediate						
Production	4-1/2"	J-55	10.5	5282'	5282'	38CSR18-11.1
Tubing						
Liners						

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

For Division of Oil and Gas Use Only

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

5147  
20

1) Date: May 12, 1992  
2) Operator's well number  
ASHLAND/MAXWELL #1 WVDOD003501  
3) API Well No: 47 - 017 - 3955  
State - County - Permit

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 Mary E. Harper Hamblet  
Address c/o Samuel Engles  
3 East Market Street  
~~XXXXXXXXXX~~ P.O. Box 390  
~~XXXXXXXXXX~~ Leesburg, VA 22075  
(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)- 782-1043

(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 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: John Gallett  
Its: Designated Agent  
Address P.O. Box N  
Glenville, WV 26351  
Telephone 304-462-5781

Subscribed and sworn before me this 12<sup>th</sup> day of May, 1992

My commission expires February 26, 2002 Marilyn M. Bean Notary Public

