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WV Division of
Environmental Protection

WR-35

06-Jun-96
API # 47-017-04266

NOV 04 1996

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

Permitting
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name:

HARPER, LUCY E., ETAL

Operator Well No.: ASHLND/MAXWL 20

LOCATION:

Elevation: 1,252.00

Quadrangle: OXFORD

District: WEST UNION

County: DODDRIDGE

Latitude: 10030 Feet South of 39 Deg. 15 Min. 0 Sec.

Longitude: 11800 Feet West of 80 Deg. 47 Min. 0 Sec.

Company:

EASTERN AMERICAN ENERGY CORP
501 56TH STREET
CHARLESTON WV 26304

Agent:

JOHN M. PALETTI

Inspector: MIKE UNDERWOOD

Permit Issued: 06/06/96

Well work commenced: 07/23/96

Well work completed: 07/30/96

Verbal plugging

permission granted on:

Rotary Cable Rig

Total Depth (feet) 5500'

Fresh water depths (ft) 245'

Salt water depths (ft) 1449'

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

Coal Depths (ft) NONE

OPEN FLOW DATA (Co-mingled)

Producing Formation Alexander, Benson, Riley, Bradford, Balltown

Pay zone depth (ft) 5252' - 4248'

Gas: Initial open flow 377 MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow 298 MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests 15 Hours

Static rock pressure 1275 psi (surface pressure) after 24 Hours

2nd 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 _____ 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.

MARK JENKINS, SENIOR DRILLING SUPERVISOR
For: EASTERN AMERICAN ENERGY CORPORATION

By: _____

Date: OCTOBER 18, 1996

NOV 8 1996

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FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Cond. Sandy Shale			0 32	32 1910	Including indication of all fresh & salt water, coal, oil & gas 1 1/2" water @ 245' 1-1/2" water @ 1449' 1962'-no show
Big Lime			1910	1970	
Keener			2000	2058	2088' - 8/10 2" w/water
Big Injun			2210	2320	2371' -10/10 2" w/water
Weir			2413	2420	2496' - 8/10 2" w/water
Berea			2620	2654	3153' - 8/10 2" w/water
Gordon			3296	3336	3404' -10/10 2" w/water
Warren			4041	4058	4155' - 6/10 2" w/water
Balltown			4248	4276	4311' - 6/10 2" w/water
Riley					4812' -12/10 2" w/water
Benson			4936	4939	5064' - 8/10 2" w/water
Alexander			5215	5264	5342' -24/10 2" w/water
TD				5500	5500' - 4/10 2" w/water

ASHMAXX20.W35

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STAGE ONE:

Alexander/Benson

22 holes (4936' - 5252') Fractured with gelled water, 30# gel/1000 gals,
50,000 lbs 20/40 sand, 250 gals 15% HCl acid.

ASHMAX20.W35

STAGE TWO:

Riley/Bradford

14 holes (4375' - 4517') Fractured with gelled water, 30# gel/1000 gals,
5,000 lbs of 80/100 sand, 40,000 lbs 20/40 sand, 500 gals 15% HCl acid.

STAGE THREE:

Balltown

14 holes (4248' - 4272') Fractured with gelled water, 30# gel/1000 gals,
30,000 lbs of 20/40 sand and 500 gals of 15% HCl acid.

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FORM WW-2B

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017-4266 Issued 06/06/96
Expires 06/06/98

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

21819

Well Operator: Eastern American Energy Corporation ²⁵⁹ 14950 ⁸ 526

Operator's Well Number: Ashland/Maxwell #20 3) Elevation: 1252'

Well type: (a) Oil ___ / or Gas XX/

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

- 5) Proposed Target Formation(s): Alexander ⁴³⁹
- 6) Proposed Total Depth: 5395 feet
- 7) Approximate fresh water strata depths: 68', 223', 382', 882'
- 8) Approximate salt water depths: 1410', 1448'
- 9) Approximate coal seam depths: 67' - 71'
- 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'		
Fresh Water	8-5/8"	F-25	20.0	1200'	1200'	C.T.S. 38CSR18-11.3
Coal	9-5/8"	F-25	26.0			38CSR18-11.2, 2
Intermediate	* 7 "	H-40	17.0			
Production	4-1/2"	J-55	10.5		5310'	38CSR18-11.1
Tubing						
Liners						

* OPTIONAL: Based upon coal or excessive amounts of water being encountered below the 5 7/8" cased casing.

PACKERS : Kind

Sizes

Depths set

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat Bond Agent

(Type)

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WV Division of
Environmental Protection

APR 08 1996

1) Date: April 05, 1996
2) Operator's well number
Ashland/Maxwell #20

3) API Well No: 47 - 017 - 4266
State County Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served: 5) (a) Coal Operator/ (b) Coal Owner(s) with Declaration
- (a) Name Lucy E. Harper
Address 511 Boca Ciega Point Blvd. Address N/A
St. Petersburg, FL 33708
- (b) Name COURTESY:
Address Matthew Hamblet
3351 Mar-Lin Ridge Rd. Address N/A
- (c) Name Jefferson, MD 21755
Address Charles P. Heaster et al
Rt. 1 Box 5704
West Union, WV 26456
- (c) Coal Lessee with Declaration
Inspector Mike Underwood Name N/A
Address Rt. 2 Box 135
Salent, WV 26426
Telephone (304) -

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 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)
 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. Fallick
 Its: Designated Agent
 Address P.O. Box 820
Glenville, WV 26351

Subscribed and sworn before me this 5th day of April, 1996

My commission expires October 10, 2000

