



Department of Energy  
 JUN 27 89  
 Office of Director  
 Oil and Gas Division

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

001-2442

Well Operator's Report of Well Work

Farm name: WILLIAMS, EUGENE F. Operator Well No.: CHESSER 1

LOCATION: Elevation: 1848.00 Quadrangle: AUDRA

District: PHILIPP  
 Latitude: 8680 Feet South of 39 Deg. 7 Min. 30 Sec.  
 Longitude: 5390 Feet West of 80 Deg. 2 Min. 30 Sec.

County: BARBOUR

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

Agent: DONALD C. SUPCOE

Inspector: PHILLIP TRACY  
 Permit Issued: 04/05/89  
 Well work Completed: 05/18/89  
 Verbal Plugging: 06/02/89

Permission granted on: \_\_\_\_\_ Rig \_\_\_\_\_  
 Rotary Cable \_\_\_\_\_  
 Total Depth (feet) 4188'  
 Fresh water depths (ft) 1/2" @ 138'

Salt water depths (ft) \_\_\_\_\_ None \_\_\_\_\_

is coal being mined in area (Y/N)? N  
 Coal depths (ft): 156', 198', 407', 449', 630'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8"	1019.60'	1019.60'	C.T.C.
4-1/2"	4151.15'	4151.15'	125

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4039'-4035'  
 Gas: Initial open flow 10 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow 57 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests 15 Hours  
 Static rock pressure 550 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 WELLSBORE.

For: Eastern American Energy Corp.  
 Rich Hefelfinger  
 Vice President - Regional Operations  
 Date: June 16, 1989

JUN 30 1989

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

Stage 1: (Benson) 4039'-4035' (10 holes) 25# Gelled H<sub>2</sub>O w/N<sub>2</sub> Assist 150 scf of N<sub>2</sub>/BBL  
50,000 lbs; 20/40 sand, total N<sub>2</sub> 62,000 scf

WELL LOG

FORMATION, COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Clay and Shale	0	30	
Sand and Shale	30	138	1/2" stream water @ 138'
Sand	138	156	
Coal	156	160	Coal
Sand and Shale	160	198	
Coal	198	202	Coal
Sand and Shale	202	407	
Coal	407	412	Coal
Sand	412	449	
Coal and Shale	449	469	Coal
Sand and Shale	469	630	
Coal	630	635	Coal
Sand and Shale	635	920	
Red Rock and Shale	920	1011	
Sand and Shale	1011	1290	
Big Lime	1290	1396	Gas Checks:
Big Injun	1396	1492	2202' - No show
Sand and Shale	1492	2276	2423' - 4/10 thru 1" w/water
Fifth Sand	2276	2330	2610' - 8/10 thru 1" w/water
Sand and Shale	2330	3690	4000' - No show
Riley	3690	3920	T.D. - No show
Shale	3920	4028	Collars - No show
Benson	4028	4042	
Sand and Shale	4042	4188	
T.D.	4188		

8483

**RECEIVED**  
MAR 31 1989

1) \_\_\_\_\_  
2) \_\_\_\_\_  
3) \_\_\_\_\_  
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date: March 29, 1989  
Operator's well number  
CHESSER #1 WVBARR113901  
API Well No: 47 - 001 - 2442  
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 Eugene F. Williams  
Address Rt. 1, Box 281  
Phillippi, WV 26416

(b) Name \_\_\_\_\_  
Address \_\_\_\_\_

(c) Name \_\_\_\_\_  
Address \_\_\_\_\_

6) Inspector Phillip Tracy  
Address Rt. 2, Box 37-A  
Montrose, WV 26283  
Telephone (304) - 636-8798

5) (a) Coal Operator:  
Name Tygart Resources, Inc.  
Address P. O. Box 17075  
Pittsburgh, PA 15235

(b) Coal Owner(s) with Declaration  
Name Tygart Resources, Inc.  
Address P. O. Box 17075  
Pittsburgh, PA 15235

Name \_\_\_\_\_  
Address \_\_\_\_\_

(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
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)

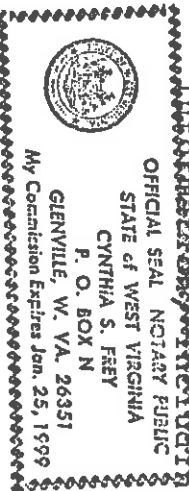
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 8 on the above named parties, by: XX Personal Service (Affidavit attached)

XX Certified Mail (Postmarked postal receipt attached) Inspector-hand delivered. Publication (Notice of Publication attached) Surface Owner & Coal Owner & DOE - Certified

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. Paletti  
Its: Designated Agent  
Address P. O. Box N  
Glenville, WV 26351

Subscribed and sworn before me this 30th day of March, 1989

My commission expires \_\_\_\_\_  
Cynthia S. Fesby Notary Public  
25/1999

201-2442  
 Renewed 4/5/89 Expires 4/5/94

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

1) Well Operator: Eastern American Energy Corporation <sup>251</sup> 149205, 225

2) Operator's Well Number: Chester #1 WVBARI13901 3) Elevation: 1,848'

4) Well type: (a) Oil  or Gas

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

5) Proposed Target Formation(s): Benson <sup>435</sup>

6) Proposed Total Depth: 4,150 feet

7) Approximate fresh water strata depths: 110, 420

8) Approximate salt water depths: None

9) Approximate coal seam depths: None 280, 340, 590

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	
Conductor	11"	F-25	37.5	30	-----	
Fresh Water	8 5/8"	J-55	20.0	1,000	1,000	C.T.S. 38CSRI8-11.3
Coal						38CSRI8-11.2
Intermediate						
Production	4 1/2"	J-55	10.5	4,075	4,075	38CSRI8-11.1
Tubing	1 1/2"	H-40	2.75			
Liners						

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

**RECEIVED**  
 MAR 21 1989

1514 Fee(s) paid: 1514 Well Work Permit 1514 Division of Oil and Gas Use Only 1514 Reclamation Fund 1514 DIVISION OF OIL & GAS  
1514 Plat 1514 W-9 1514 W-2B 1514 Bond 1514 1514 (Type) 1514 Agent 1514 DEPARTMENT OF ENERGY

8455