

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

Well Operator's Report of Well Work

Farm name: DAVIES, JOHN R. ETAL. Operator Well No.: ASHLND/MAXWL#25

LOCATION: Elevation: 1,141.00 Quadrangle: WEST UNION

District: WEST UNION County: DODDRIDGE
Latitude: 7780 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude 7070 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: EASTERN AMERICAN ENERGY C
P. O. BOX 820
GLENVILLE, WV 26351-0820

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD
Permit Issued: 10/19/95
Well work Commenced: 02-01-96
Well work Completed: 02-06-96
Verbal Plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet) 5445'
Fresh water depths (ft) 65', 925'

Salt water depths (ft) None
Is coal being mined in area (Y/N)? N
Coal Depths (ft): 520' - 524'

OPEN FLOW DATA

Producing formation: Alexander, Benson, Riley Pay zone depth (ft) 5249' - 4473'
Gas: Initial open flow 531 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow --- MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 15 Hours
Static rock Pressure 1460 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: EASTERN AMERICAN ENERGY CORP.

By: *Mark S. Smith* Senior Drilling Supervisor
Date: 04-11-96

APR 19 1996

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			CTS
8-5/8"	1062'	1062'	265 SXS
4-1/2"	-----	5328'	720 SXS
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APR 12 1996			
Permitting Office of Oil & Gas			

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

3 Stage Frac

Alexander: 23 holes (5194'-5249'), Fractured w/30 lbs/1000 gals gelled water, 50,000 lbs of 20/40 sand and 500 gals of 15% HCl Acid.

Benson: 12 holes (4913'-4919'), Fractured w/30 lbs/1000 gals gelled water, 30,000 lbs of 20/40 sand and 500 gals of 15% HCl Acid.

Riley: 14 holes (4473'-4493'), Fractured w/30 lbs/1000 gals gelled water, 5,000 lbs of 80/100 sand, 40,000 lbs of 20/40 sand and 500 gals of 15% HCl Acid.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Clay & Shale			0	10	Including indication of all fresh and salt water, coal, oil and gas
Shale			10	15	1/4" water @ 65'
Sandy Shale			15	365	1 1/2" water @ 925'
Sand			365	430	Oil odor @ 944'
Sand & Shale			430	520	Gas Checks:
Coal			520	524	1689' No Show
Sand & Shale			524	880	1910' 10/10 2" water
Red Rock			880	917	2037' 10/10 2" water
Sand & Shale			917	995	2099' 10/10 2" water
Sand			995	1030	2380' 10/10 2" water
Sand & Shale			1030	1895	2691' 10/10 2" water
Lime			1895	2005	2691' 10/10 2" water
Sand			2005	2070	3408' 8/10 2" water
Sand & Shale			2070	2170	3531' 12/10 2" water
Weir			2170	2285	4657' 10/10 2" water
Sand & Shale			2285	2590	4907' 10/10 2" water
Gordon			2590	2630	5377' 10/10 2" water
Sand & Shale			2630	3250	TD 10/10 2" water
Warren			3250	3320	DC 10/10 2" water
Sand & Shale			3320	3400	
Speechley			3400	3410	
Sand & Shale			3410	4450	
Riley			4450	4510	
Sand & Shale			4510	4910	
Benson			4910	4920	
Sand & Shale			4920	5170	
Alexander			5170	5250	
Sand & Shale			5250	5445 TD	

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Office of Oil & Gas

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017-4224

FORM OCT 18 1995 STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- Permitting
- 1) Office of Oil & Gas: Eastern American Energy Corporation
- 2) Operator's Well Number: Ashland/Maxwell #25 Elevation: 1141
- 4) Well type: (a) Oil or Gas XX
- (b) If Gas: Production Underground Storage
Deep Shallow XX
- 5) Proposed Target Formation(s): Alexander
- 6) Proposed Total Depth: 5360 feet
- 7) Approximate fresh water strata depths: 225, 401, 455, 649
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: 217-219, 315-318
- 10) Does land contain coal seams tributary to active mine? Yes No XX
- 11) Proposed Well Work: Drill and complete new well.

CASING AND TUBING PROGRAM

TYPE	SIZE	GRADE	WEIGHT PER FT.	FOOTAGE INTERVALS	CEMENT
Conductor	11-3/4"	F-25	32.0	For drilling 20	Fill-up (cu. ft.) <u>0.14/1000</u>
Fresh Water	8-5/8"	F-25	20.0	1050	C.T.S. 38CSR18-11.3
Coal	9-5/8"	F-25	26.0		38CSR18-11.3
Intermediate	* 7 "	H-40	17.0		
Production	4-1/2"	J-55	10.5	5275	38CSR18-11.1
Tubing					
Liners					

* OPTIONAL: Based upon coal or excessive amounts of water being encountered below the 9-5/8" casing.

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 _____ (Type)

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West Virginia Division of Environmental Protection

017-04224

FORM WW-2B OCT 03 1995

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
Office of Oil & Gas
WELL WORK PERMIT APPLICATION
259
14980
8
671

Received 10/19/95
Expires 10/19/97

1) Well Operator: Eastern American Energy Corporation 14980
Operator's Well Number: Ashland/Maxwell #25
Elevation: 1141'

21142

Well type: (a) Oil ___ / or Gas XX /
(b) If Gas: Production XX / Underground Storage ___ /
Deep ___ / Shallow XX /
439

Proposed Target Formation(s): Alexander

6) Proposed Total Depth: 5360' feet

7) Approximate fresh water strata depths: 225, 401, 455, 649

8) Approximate salt water depths: None
217-219, 315-318

9) Approximate coal seam depths: ___

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	0	C.T.S. 38CSR18-11.1 38CSR18-11.1
Fresh Water	8-5/8"	F-25	20.0	1050	1050	38CSR18-11.1
Coal	9-5/8"	F-25	26.0			
Intermediate	* 7"	H-40	17.0			
Production	4-1/2"	J-55	10.5			38CSR18-11.1
Tubing						

Liners * OPTIONAL: Based upon coal or excessive amounts of water being encountered below the casing.

PACKERS : Kind _____
Sizes _____
Depths set _____

12224
155
155
For Division of Oil and Gas Use Only
Fee(s) Paid: _____
Well Work Permit _____
Bond _____
Agent _____
WP/CP _____
Reclamation Fund _____
Agent _____

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Environmental Protection

Page 1 of 9
Form WW2-A
(6/94)
File Copy

OCT 03 1995

1)
2)
3)

Date: 10-02-95
Operator's well number

Ashland/Maxwell #25
API Well No: 47 - DK - 04224 Permit

State County

Office of Oil & Gas
**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
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 John R. Davies, et al
Address 1006 43rd Street
Vienna, WV 26105

(b) Name _____
Address _____

Courtesy:
(c) Name Tom Davies
Address 1104 Greenmont Circle
Vienna, WV 26105

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

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

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)
- 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.

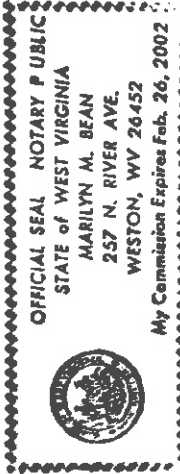
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, 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. Bean Designated Agent

Its: _____
Address P.O. Box 820
Glennville, WV 26351



My Commission Expires Feb. 26, 2002

Telephone _____
Subscribed and sworn before me this 2nd day of October, 1995

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

