



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

Well Operator's Report of Well Work

Farm name: LAURITA, THOMAS A. Operator Well No.: A-1924 (LAURITA

LOCATION: Elevation: 1,913.00 Quadrangle: MORGANTOWN SOUTH

District: CLINTON County: MONONGALIA  
Latitude: 2500 Feet South of 39 Deg. 32Min. 30 Sec.  
Longitude 2375 Feet West of 79 Deg. 55 Min. Sec.

Company: ALAMCO, INC.  
200 W. MAIN ST., P.O. BOX 1740  
CLARKSBURG, WV 26302-1740

Agent: MARTY L. PERRI

Inspector: RANDAL MICK  
Permit Issued: 08/09/93  
Well work Commenced: 11/05/93  
Well work Completed: 12/14/93  
Verbal Plugging  
Permission granted on:  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) 8044 Drlg.  
Fresh water depths (ft) 133

Salt water depths (ft) 2020

Is coal being mined in area (Y/N)?  
Coal Depths (ft): 135,248

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	172'	172'	110 sks 130 ft <sup>3</sup>
8 5/8	1281'	1281'	335 sks 395 ft <sup>3</sup>
4 1/2		8009.50'	545 sks* 799 ft <sup>3</sup>
*cemented in two stages			

OPEN FLOW DATA

Producing formation Huntersville Chert Pay zone depth (ft) 7695-7826  
Gas: Initial open flow 0 MCF/d Oil: Initial open flow -- Bbl/d  
Final open flow 2980 MCF/d Final open flow -- Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 2800 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: ALAMCO, INC.

By: [Signature] Richard R. Hoffman  
Date: \_\_\_\_\_

Formations: 0-900' from Drillers Records; 900'-8034' from Gamma Ray Log

<u>Top</u>	<u>Bottom</u>	<u>Type</u>	<u>Water, Coal, Gas</u>	
0	110	Sand	<u>Water:</u> 133', Damp @ 2020'	
110	135	Shale		
135	212	No returns	<u>Coal:</u> 135', 248'	
212	248	Sand		
248	251	Coal	<u>Oil:</u> None	
251	680	SD & SH		
680	748	RR & SH	<u>Gas Checks:</u>	
748	780	Sand		
780	900	RR & SH	1966'	N/S
900	951	Little Lime	2091'	637 MCF/D
951	1178	Big Lime/Injun	2217'	462 MCF/D
1178	1261	SD & SH	2406'	381 MCF/D
1261	1367	Weir	2813'	381 MCF/D
1367	2067	SD & SH	4002'	381 MCF/D
2067	2105	4th Sand	4405'	381 MCF/D
2105	3084	SD & SH	5404'	381 MCF/D
3084	7269	Shale	6436'	381 MCF/D
7269	7370	Tully	7236'	381 MCF/D
7370	7565	Shale	8044'	311 MCF/D
7565	7666	Marc. Shale		
7666	7681	Onondaga		
7681	7833	Hunt. Chert	<u>Stimulation:</u> 11-14-93	
7833	7871	Shale		
7871	7913	Oriskany	<u>Perforations:</u> (7695'-7826') 28 holes	
7913	8034	Heldrbrg Lime		
	8034	Log TD	<u>Frac:</u> Hunterville Chert	
	8044	Drlg. TD	15,000# 80/100, 60,000# 20/40,	
			30# Gel System w/5% HCl throughout,	
			total fluid - 1218 BBLs.	

DF -485

DFT-475

17719

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West Virginia  
Environmental Protection

JUL 29 93

FORM WV-20 Permitting  
Office of Oil & Gas

061-1119  
Issued 8/9/93  
Expires 8/9/95

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

- Well Operator: ALAMCO, INC. (975) (4) 485  
A-1924 (Laurita)
- 2) Operator's Well Number \_\_\_\_\_ 3) Elevation: 1,913'
- 4) Well type: (a) OIL \_\_\_/ or GAS XX/ 485  
(b) If Gas: Production XX/ Underground Storage \_\_\_/  
Deep XX/ Shallow \_\_\_/
- 5) Proposed Target Formation(s): Oriskany 47S
- 6) Proposed Total Depth: 8,300 feet
- 7) Approximate fresh water strata depths: 95'
- 8) Approximate salt water depths: NONE
- 9) Approximate coal seam depths: NONE
- 10) Does land contain coal seams tributary to active mine? Yes \_\_\_/ No XX/
- 11) Proposed Well Work: SEE ATTACHED

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP (Cu. Ft.)
	SIZE	GRADE	WEIGHT PER FT.	FOR DRILLING	LEFT IN WELL	
Conductor	11-3/4"	LS	32#	40'	40'	NONE
Fresh Water						
Coal						
Intermediate	8-5/8"	J-55	24#	1,250'	1,250'	As required by 38 CSR 18-11-2
Production	4-1/2"	M-75	11.60	8,300'	8,300'	As required by 38 CSR 38-11-1
Tubing						
Liners						

PACKERS: Kind NONE  
 Sizes ---  
 Depths Set ---

07752  
14

For Division of Oil and Gas Use Only

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

Plat  WW-9  WW-2B  Bond Blanket TYPE  Agent

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WV Division of  
Environmental Protection  
JUL 29 93  
Permitting  
Office of Oil & Gas

1) Date: July 16, 1993  
2) Operator's well number  
A-1924 (LAURITA)  
3) API Well No: 47 - 061 - 1119  
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 Thomas A. Laurita  
Address Route 9, Box 86-C  
Morgantown, WV 26505  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Randal Mick  
Address 111 Blackshere Drive  
Mannington, WV 26582  
Telephone (304) - 986-3324

5) (a) Coal Operator:  
Name NONE OF DECLARATION  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Thomas A. Laurita  
Address Route 9, Box 86-C  
Morgantown, WV 26505  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name NONE OF DECLARATION  
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 11 on the above named parties, by:  
\_\_\_\_\_ Personal Service (Affidavit attached)  
xx \_\_\_\_\_ 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 ALAMCO, INC.  
By: [Signature]  
Its: Manager, Land  
Address P. O. Box 1740  
Clarksburg, WV 26302-1740  
Telephone 304 623-6671

Subscribed and sworn before me this 16th day of July, 1993

[Signature] Notary Public  
My commission expires December 9, 2002