

OCT 21 93

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

077 283
Issued 11/08/93
507 Expired 11/08/95

18150

- Well Operator: ALAMCO, INC. (975) (3)
- Operator's Well Number A-1999 (BEAL) 3) Elevation: 1,760'
- Well type: (a) OIL ___/ or GAS XX/
- (b) If Gas: Production XX/ Underground Storage ___/
- Deep ___/ 433 Shallow XX/
- 5) Proposed Target Formation(s): Speechley/Balltown
- 6) Proposed Total Depth: 3,200' feet
- 7) Approximate fresh water strata depths: Damp @ 45', Damp @ 75', 3/8" stream @ 434
- 8) Approximate salt water depths: NONE
- 9) Approximate coal seam depths: 120-123', 212'-216'
- 10) Does land contain coal seams tributary to active mine? Yes ___/ No XX/
- 11) Proposed Well Work: SEE ATTACHED
- 12) CASING AND TUBING PROGRAM *OK. Newell*

TYPE	SPECIFICATIONS	FOOTAGE INTERVALS	CEMENT			
	SIZE	GRADE	WEIGHT PER FT.	FOR DRILLING	LEFT IN WELL	FILL-UP (Cu. Ft.)
Conductor	11-3/4"	LS	32#	40'	40'	NONE
Fresh Water						
Coal						
Intermediate	8-5/8"	J-55	23#	950'	<i>C/S</i> 950'	As req. by 38 CSR 18-11-2
Production	4-1/2"	J-55	10.50#	3,400'	3,400'	As req. by 38 CSR 38-11-2
Tubing						
Liners						

PACKERS: Kind NONE

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 Agent

TYPE

5

Permitting
- of Oil & Gas 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 Ronald F. Beal
 - Address Route 1, Box 42
Newburg, WV 26410
 - (b) Name _____
 - Address _____
 - (c) Name _____
 - Address _____
- 5) (a) Coal Operator:
- Name NONE OF DECLARATION
 - Address _____
 - (b) Coal Owner(s) with Declaration
 - Name Ronald F. Beal
 - Address Route 1, Box 42
Newburg, WV 26410
 - Name Patriot Mining Co., Inc.
 - Address P. O. Box 245
Morgantown, WV 26505
 - (c) Coal Lessee with Declaration
 - Name Patriot Mining Co., Inc.
 - Address P. O. Box 245
Morgantown, WV 26505
- 6) Inspector Phillip Tracy
- Address Route 2, Box 37-A
Montrose, WV 26283
 - Telephone (304)- 924-6211

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 9 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: Marty I Kern
 Its: Manager, Land
 Address 200 West Main Street
Clarksburg, WV 26302-1740
 Telephone 304 623-6671

Subscribed and sworn before me this 11th day of October, 1993

Elaine M. Cox Notary Public
 My commission expires December 9, 2002

007 8 1 83
Permitting
Office of Oil & Gas

WELL OPERATOR ALAMCO, INC.
OPERATOR WELL NO: A-1999 (BEAL)
FILE NUMBER 47-077- 0283

11. Proposed Well Work:

Well A-1999 will be drilled to approximately 922' KB. The 8-5/8" casing will be set at approximately 922' KB and then cemented to surface. The well will then be drilled to 3,400' KB and the 4-1/2" casing set at approximately 3,400' KB. The 4-1/2" casing will be cemented to 1,100' KB. The well will then be hydraulically fractured in the Speechley/Balltown Sand Formation.

12. Plan for partial abandonment: