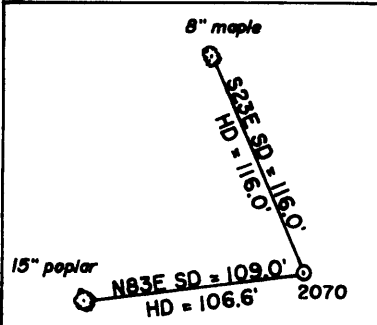


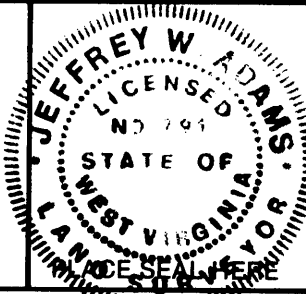
Note: Location is at least 400' from all lease lines. All wells within 2,400' of this location are shown on this plat.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS



FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION B.M. 7800' SW of Location: Elev. 1595'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.
 (SIGNED) Jeffrey W. Adams
 R.P.E. _____ L.L.S. 791



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS



DATE July 15, 1996
 OPERATOR'S WELL NO. 2070
 API WELL NO. _____

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION X STORAGE _____ DEEP X SHALLOW _____

LOCATION: ELEVATION 1170 WATER SHED Mountain Run
 DISTRICT Clinton COUNTY Monongalia

QUADRANGLE Morgantown South 7 1/2'
 SURFACE OWNER Thomas Johnson Jr. et al ACREAGE 1264.3
 OIL & GAS ROYALTY OWNER Thomas J. Johnson Jr. et al LEASE ACREAGE 1264
 LEASE NO. 4691

PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Oriskany ESTIMATED DEPTH 8500
 WELL OPERATOR Alamco Inc. DESIGNATED AGENT Marty Perri
 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740

FORM WW-6

COUNTY NAME PERMIT

RECEIVED
WV Division of
Environmental Protection

061-1257

OCT 02 1996

FORM WW-2B

Page 3 of 17

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

Issued 10/10/96
Expires 10/10/98

Well Operator: ALAMCO, INC. ^{0010 975} 4 ⁴⁸⁵

Operator's Well Number 2070 3) Elevation: 1,170'

type: (a) OIL / or GAS XX /
(b) If Gas: Production XX / Underground Storage /
Deep XX / Shallow /

5) Proposed Target Formation(s): ORISKANY 475

6) Proposed Total Depth: 8,500 feet

7) Approximate fresh water strata depths: 50'

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

12) CASING AND TUBING PROGRAM

TYPE SPECIFICATIONS FOOTAGE INTERVALS CEMENT

TYPE	SIZE	GRADE	WEIGHT PER FT	FOR DRILLING	LEFT IN WELL	Fill-Up (Cu. Ft.)
CONDUCTOR	16"	LS	32#	40'	-0-	NONE
FRESH WATER						
COAL						
SURFACE CSG	11-3/4"	J-55	32#	300'	300'	As required by 38 CSR 18-11-3 38 CSR 18-11-2
INTERMEDIATE	8-5/8"	J-55	24#	2,850'	2,850'	As required by 38 CSR 18-11-3 38 CSR 18-11-2
PRODUCTION	4-1/2"	M-75	11.60#	7,580'	7,580'	As required by 38 CSR 38-11-1

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 Agent

22672

RECEIVED
WW Division of
Environmental Protection

OCT 02 1996

Page 4 of 17

ATTACHMENT TO:
FORM WW-2B

Permitting
Office of Oil & Gas

WELL OPERATOR ALAMCO, INC.
OPERATOR WELL NO: 2070
FILE NUMBER 47-061- 1257

11. Proposed Well Work:

Well 2070 will be drilled to approximately 300' KB. The 11-3/4" casing will be set at approximately 300' KB and then cemented to the surface. The 8-5/8" casing set at approximately 2,850' KB and then cemented to surface. The well will then be drilled to 7,580' KB and the 4-1/2" casing set at approximately 7,580' KB. The 4-1/2" casing will be cemented to 6,900' KB. The well will then be hydraulically fractured in the Huntersville Chert Formation.

12. Plan for partial abandonment:

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

1) Date: September 9, 1996
2) Operator's well number: 2070
3) API Well No: 47 + 061 - 1257
State County Permit

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 Thomas P. Johnson, Address P. O. Box 2248 Morgantown, WV 26505
(b) Name Ora Lee J. Ludwig, Address P. O. Box 676 Morgantown, WV 26505
(c) Name One Valley Bank, N.A. Trustee, Address Pearl J. Frazier P. O. Box 698 Morgantown, WV 26505
5) (a) Coal Operator: Name NO DECLARATION OF RECORD, Address
(b) Coal Owner(s) with Declaration Name SAME AS SURFACE OWNERS, Address
(c) Coal Lessee with Declaration Name NO DECLARATION OF RECORD, Address
6) Inspector Randal Mick, Address 111 Blackshere Drive Mannington, WV 26582, Telephone (304) - 986-3324

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 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 10 on the above named parties, by:

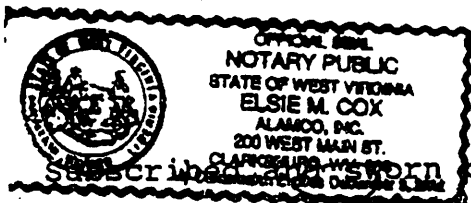
- Personal Service (Affidavit attached)
XX Certified Mail (Postmarked postal receipt attached)
Publication (Notice of Publication attached)

I have read and understand Chapter 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 ALAMCO, INC.
By: Marty [Signature]
Its: Manager, Land
Address P. O. Box 1740
Clarksborg, WV 26302-1740
Telephone 304 623-6671



Subscribed and sworn before me this 19th day of July, 1996
Elsie M. Cox Notary Public
My commission expires December 9, 2002



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

October 9, 1996

Division of Environmental Protection
Office of Oil and Gas
Nitro, West Virginia

Re: Application for Permit #47-061-01257 drill deep well.

COMPANY: ALAMCO, Inc. 0010

FARM: Thomas Johnson #2070

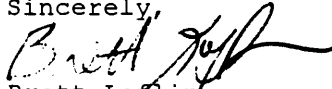
COUNTY: Monogalia DISTRICT: Clinton QUAD: Morgantown South

The application of the above company is Approved for Oriskany.
(Approved or Disapproved)

Applicant has complied with the provisions of Chapter twenty-two, eight (22-8), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

- 1.) Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owner; **yes**
- 2.) Provided a tabulation of all deep wells within one mile of the proposed location, including the Api number of the deep well, well name, and the name and address of operator and; ***yes**
- 3.) Provided a plat showing that the proposed location is a distance of **1600** feet from the nearest unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,


Brett Loflin
Engineer

- * 3,004 feet to 47-061-01247
- 4,500 feet to 47-061-01246
- 4,100 feet to 47-061-01133