



1) Date: November 21, 1983
 2) Operator's Well No. A-1458 McMullan
 3) API Well No. 47 - 083 - 0850
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow /)
- 5) LOCATION: Elevation: 3445' Watershed: Light Run
 District: Middle Fork County: Randolph Quadrangle: Adolph 7.5'
- 6) WELL OPERATOR ALAMCO 7) DESIGNATED AGENT Daniel L. Wheeler
 Address P. O. Box 1740 Address P. O. Box 1740
Clarksburg, WV 26301 Clarksburg, WV 26301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Robert Stewart Name Development Drilling
 Address P. O. Box 345 Address P. O. Box 1740
Jane Lew, WV 26378 Clarksburg, WV 26301
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Elk
 12) Estimated depth of completed well, 5,600 feet
 13) Approximate trata depths: Fresh, - feet; salt, 681 feet.
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes
- 15) CASING AND TUBING PROGRAM

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 OIL & GAS DIVISION
 DEPT. OF MINES

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	16"				X	20'	20'	Cement to Surface	Kinds
Fresh water	8-5/8"								
Coal	8-5/8"		20#	X		700'	700'	Cement to Surface	by rule 15.05
Intermediate									
Production	4-1/2"		10.55#	X		5600'	5600'	Req. by Rule 15.01	
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-083-0850 Date December 19, 1983

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
 Permit expires December 19, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

BLANKET BOND

Bond:	Agent: <input checked="" type="checkbox"/>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>25062</u>
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[Signature]
 Administrator, Office of Oil and Gas



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) LOCATION: District: Middle Fork County: Hancock
 Elevation: 3450
 Well No: 47-93-0850
 2) OPERATOR: Name: JAMES LEW
 Address: E. O. Box 1740, Clarksburg, WV 26301
 3) DRILLING CONTRACTOR: Name: Development Drilling
 Address: E. O. Box 1740, Clarksburg, WV 26301
 4) DESIGNATED AGENT: Name: Daniel J. Wheeler
 Address: E. O. Box 1740, Clarksburg, WV 26301

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5) PROPOSED WELL WORK: Drill X / Drill / Plug off old formation / Other physical change in well (specify) _____
 6) GEOLOGICAL TARGET FORMATION: _____
 7) ESTIMATED DEPTH OF COMPLETED WELL: _____ feet
 8) APPROXIMATE COAL SEAM DEPTHS: _____ feet
 9) APPROXIMATE COAL SEAM DEPTHS IN THE AREA: Yes / No
 10) CASING AND TUBING PROGRAM: _____

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____
 Reason: _____

Permit No. 47-93-0850
 Date: December 17, 1983
 State of West Virginia
 Department of Environmental Protection
 Office of Oil and Gas

ATTN: LAND DEPT.

P 406 781 787

RECEIPT FOR CERTIFIED MAIL
A-1458 Permit Appl.
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Westvaco
203 Randolph Avenue
Elkins, West Virginia 26241

ALAMCO, INC.
200 W. Main Street
P. O. Box 1740
Clarksburg, WV 26302

Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

PS Form 3800, Feb. 1982

ATTN: LAND DEPT.

P 406 781 789

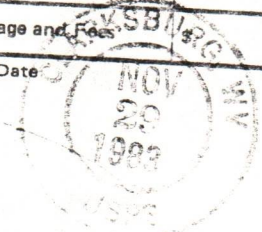
RECEIPT FOR CERTIFIED MAIL
A-1458 Permit
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

Harry McMullan, Jr.
P. O. Box 8
Washington, North Carolina

ALAMCO, INC.
200 W. Main Street
P. O. Box 1740
Clarksburg, WV 26302

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

PS Form 3800, Feb. 1982



ATTN: LAND DEPT.

P 406 781 788

RECEIPT FOR CERTIFIED MAIL
A-1458 Permit Appl.
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

Henry L. Davis
c/o First PA National Bank
Tower Center Square
Philadelphia, PA 19127

ALAMCO, INC.
200 W. Main Street
P. O. Box 1740
Clarksburg, WV 26302

Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

PS Form 3800, Feb. 1982

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DEC 1 - 1983

OIL & GAS DIVISION
DEPT. OF MINES



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date March 20, 1984
Operator's
Well No. A-1458
Farm McMullan
API No. 47 - 083 - 0850

OIL and GAS DIVISION

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

RECEIVED
MAR 26 1984
OIL & GAS DIVISION
DEPT. OF MINES

WELL TYPE: OIL / GAS / LIQUID INJECTION / WASTE DISPOSAL /
(If "Gas", Production / Underground Storage / Deep / Shallow)

LOCATION: Elevation: 3445' Watershed Light Run
District: Middle Fork County: Randolph Quadrangle: Adolph 7.5'

COMPANY ALAMCO, INC
200 West Main Street
ADDRESS Clarksburg, West Virginia 26301

DESIGNATED AGENT ALAMCO, INC
200 West Main Street
ADDRESS Clarksburg, West Virginia 26301

SURFACE OWNER Westvaco
ADDRESS 203 Randolph Ave., Elkins, WV

MINERAL RIGHTS OWNER Harry McMullan
ADDRESS P.O. Box 8, Washington, NC 27889

OIL AND GAS INSPECTOR FOR THIS WORK Robert Stewart
ADDRESS P.O. Box 345, Jane Lew, WV

PERMIT ISSUED December 19, 1983

DRILLING COMMENCED December 22, 1983

DRILLING COMPLETED January 4, 1984

Casing & Tubing Size Cond.	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
20-16			
13-10"			
9 5/8"			
8 5/8"	1114'	1114'	to surface
7"			
5 1/2"			
4 1/2"	5480'	5480'	w/425 sls 2900'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk DEPTH 5600 FEET

Depth of completed well 5650 feet Rotary x / Cable Tools _____
Water Strata depth: Fresh 95 & 425 feet Salt _____ feet
Coal seam depth: 57-60, 130-135, 310-325 Is coal being mined in this area? No

OPEN FLOW DATA

Producing formation Elk, Alexander Pay zone depth See back feet
Gas: Initial open flow 67 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 880 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 2 hours
Static rock pressure 750 psig (surface measurement after 37 hours shut-in
(If applicable due to multiple completion--))
Second producing formation _____ Pay zone depth _____ feet
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 measurement) after _____ hours shut-in
(continue on reverse side)

KAND. 0000

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

Well was fractured February 29, 1984
 Perforations: 4911 - 4920 Alexander
 5355 - 5357
 5370 - 5376 Elk

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Fill	0	3	1/4" stream water @ 95'
Sand	3	57	1/2" stream water @ 425'
Coal	57	60	Gas check @ 1920' No show
Sand	60	130	Gas check @ 2522' No show
Coal	130	135	Gas check @ 2971' 8 MCF/D
Sand	135	310	Gas check @ 3448' 84 MCF/D
Coal	310	325	Gas check @ 4097' 13 MCF/D
Sand & Shale	325	1150	Gas check @ 4721' 17 MCF/D
Shale & Red Rock	1150	1560	Gas check @ 5204' 33 MCF/D
Little Lime	1560	1672	Gas check @ 5650' 67 MCF/D
Big Lime	1672	1814	
Red Rock	1814	1821	<u>GAMMA RAY LOG TOPS</u>
Big Injun	1821	1932	
Red Rock	1932	1944	Little Lime 1573'
Red Rock & Shale	1944	2887	Big Lime 1663'
Speechley	2887	2916	Big Injun 1821'
Sand & Shale	2916	3220	Pocono 1942'
Balltown	3220	3236	Gantz 2083'
Sand & Shale	3236	3958	Shale Lime 2271'
Riley	3958	4015	Gordon Stray 2288'
Sand & Shale	4015	4110	Gordon 2406'
Benson	4110	4760	4th Sand 2434'
Sand & Shale	4760	4932	4th A Sand 2566'
Alexander	4932	4940	5th Sand 2573'
Sand & Shale	4940	5350	Bayard 2736'
1st Elk	5350	5390	Riley 3905'
Sand & Shale	5390	5650 T.D.	Benson 4096'
			Alexander 4314'
			Alexander 4908'
			1st Elk 5350'
			2nd Elk 5415'

(Attach separate sheets as necessary)

ALAMCO, INC.

Well Operator

By: Raymond T. Dwyer
 Vice President Oil & Gas Operations

Date: March 20, 1984

Note: Regulation 2.02 (i) provides as follows
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



RECEIVED

JUL 17 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
April 2, 1984

COMPANY Alamco, Inc.

PERMIT NO 083-0850 12/83

P. O. Drawer 1740

FARM & WELL NO McMullan #A-1458

Clarksburg, West Virginia 26301

DIST. & COUNTY Middle Fork/Randolph

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Phillip Gray

DATE 7-2-84

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. r. B. B.
Administrator-Oil & Gas Division

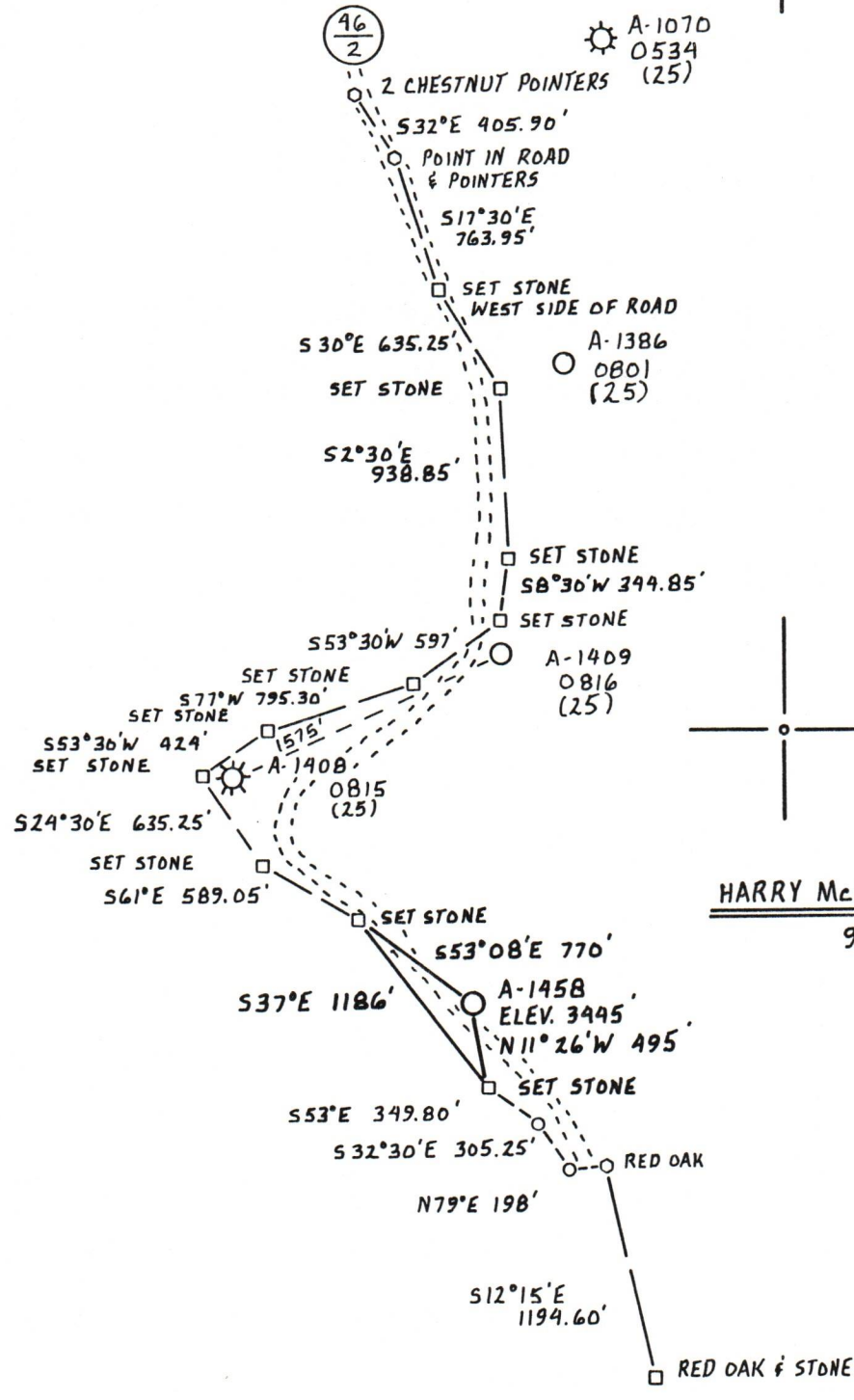
July 23, 1984

DATE

5.540' LATITUDE 38°45'00"

LONGITUDE 80°50'08"

NORTH

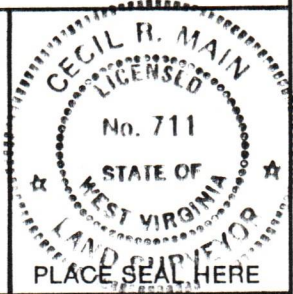


HARRY McMULLAN Jr. ESTATE
9757 Ac.

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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 PART IN 200
PROVEN SOURCE OF ELEVATION WELL A-1408
API _____ ELEV. 3560'

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 MINES.
(SIGNED) Cecil R. Main
R.P.E. _____ L.L.S. 711



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE NOVEMBER 18, 1983
OPERATOR'S WELL NO. A-1458
API WELL NO.

47 - 083 - 0850
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 3445' WATERSHED LIGHT RUN
DISTRICT MIDDLE FORK COUNTY RANDOLPH
QUADRANGLE ADOLPH 7.5'

SURFACE OWNER WESTVACO ACREAGE 9757 Ac.
OIL & GAS ROYALTY OWNER HARRY McMULLAN, Jr. ESTATE LEASE ACREAGE 9757 Ac.
LEASE NO. 2126

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

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION ELK ESTIMATED DEPTH 5,600'
WELL OPERATOR ALAMCO DESIGNATED AGENT DANIEL L. WHEELER
ADDRESS P.O. Box 1740 ADDRESS P.O. Box 1740
CLARKSBURG, WEST VIRGINIA 26302-1740 CLARKSBURG, WEST VIRGINIA 26302-1740

083 RANDOLPH COUNTY NAME PERMIT 850

FORM IV-6 (8-78) H.T. HALL

1) Date: November 21, 1983
2) Operator's
Well No. A - 1458 McMullan
3) API Well No. 47-083-0850
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Westvaco
Address 203 Randolph Avenue
Elkins, WV 26241

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR N/A
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Harry McMullan
Address P. O. Box 8
Washington, NC 27889
Name Henry L. Davis, c/o First PA Nat. Bk
Address Tower Center Square
Philadelphia, PA 19127

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name N/A
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

RECEIVED
DEC 1 - 1983
OIL & GAS DIVISION
DEPT. OF MINES

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? ~~XXX~~ No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Daniel L. Wheeler,
this 21 day of November, 1983.
My commission expires 11/17, 1990.

Denise C. Spencer
Notary Public, Harrison County,
State of West Virginia

WELL
OPERATOR ALAMCO INC.

By Daniel L. Wheeler
Its Vice President
Address P. O. Drawer 1740
Clarksburg, WV 26301
Telephone 304-623-6671

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

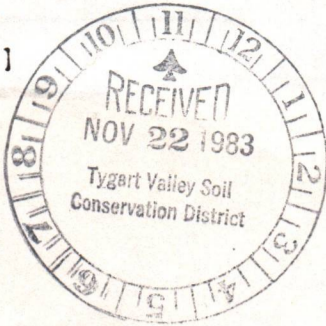
Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Lease dated May 1, 1973 Harry McMullan, et al unto Columbia Gas		1/8	B-283	408
Columbia Gas Assigned to ALAMCO				(Not Recorded)



State of West Virginia
Department of Mines
Oil and Gas Division

Date Nov. 22, 1983
Well No. A-1458
API No. 47-083-0850
State County Permit

CONSTRUCTION AND RECLAMATION PLAN

Company Name ALAMCO
Address P. O. Box 1740
Clarksburg, West Virginia
Telephone 623-6671
Landowner WESTYACO

Designated Agent Daniel L. Wheeler
Address P. O. Box 1740
Clarksburg, West Virginia
Telephone 623-6671
Soil Cons. District TYGART VALLEY

Revegetation to be carried out by ALAMCO (Agent)

This plan has been received by Tygart Valley SCD. All corrections and additions become a part of this plan. 11/27/83 (Date) J. A. Hooper (SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch (A)
Spacing Earthen
Page Ref. Manual 2:12
Structure _____ (B)
Spacing _____
Page Ref. Manual _____
Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure DRAINAGE Ditch (1)
Material Earthen
Page Ref. Manual 2:12
Structure RIPRAP (2)
Material ROCK
Page Ref. Manual N/A
Structure _____ (C)
Material _____
Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber to be cut and stacked. All brush and small timber to be cut and removed from site before dirt work begins.

REVEGETATION

TREATMENT AREA I

TREATMENT AREA II

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Straw 2 Tons/acre
Seed* DOMESTIC RYEGRASS 10 lbs/acre
KENTUCKY 31 40 lbs/acre
BIRDSEED TREFOIL 10 lbs/acre

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Straw 2 Tons/acre
Seed* KENTUCKY 31 40 lbs/acre
DOMESTIC RYEGRASS 10 lbs/acre
BIRDSEED TREFOIL 10 lbs/acre

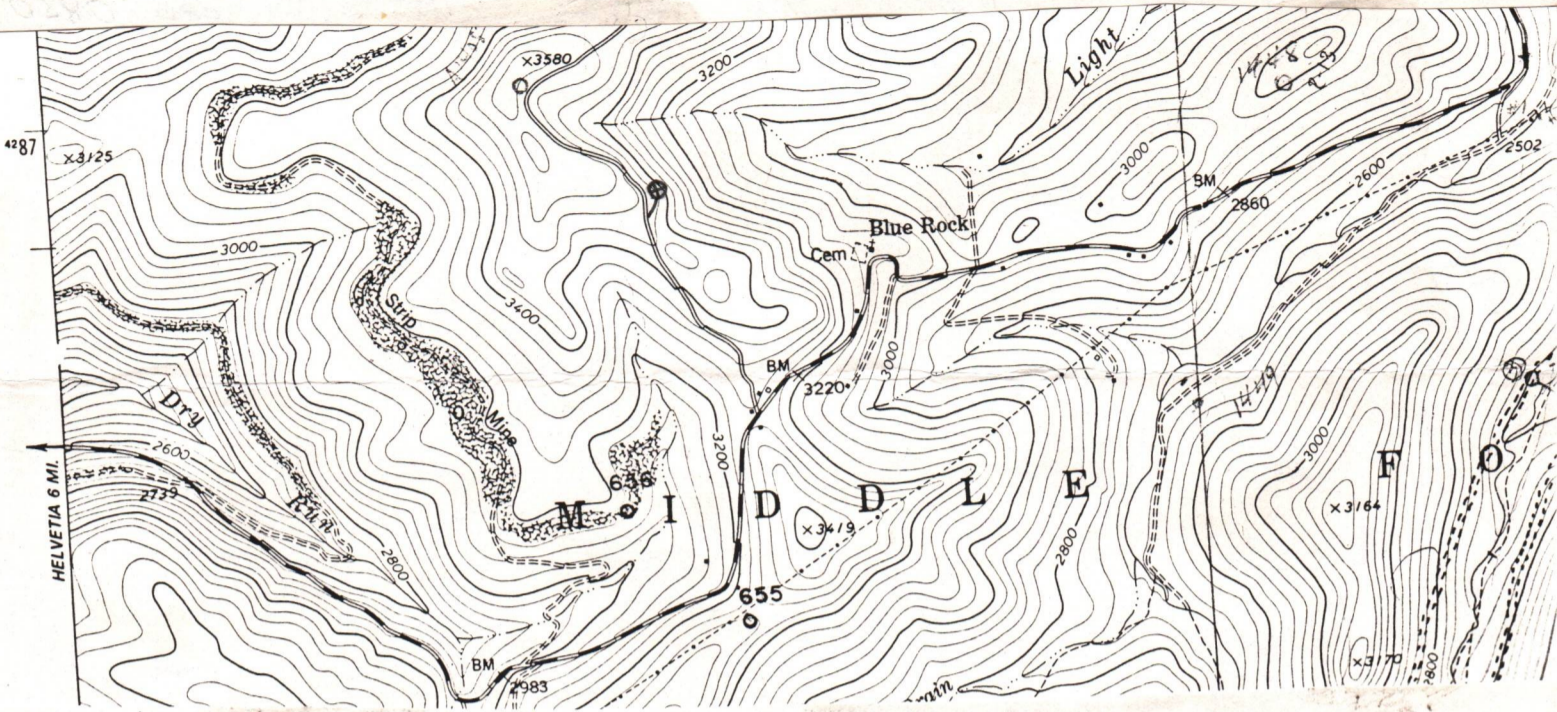
*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY Daniel L. Wheeler
ADDRESS P. O. Drawer 1740
200 West Main Street
Clarksburg, West Virginia 26301
PHONE NO. 304 623-6671

LEGEND	
WELL SITE	
ACCESS ROAD	

Attach or photocopy section of involved topographic map
Quadrangle A00LPH 7.5'



Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND	
Property boundary	
Road	
Existing fence	
Planned fence	
Stream	
Open ditch	
Diversion	
Spring	
Wet Spot	
Building	
Drain pipe	
Waterway	

COMMENTS

Slope of access road 10 % -- Cuts to be on a 2:1 slope or less. Access road subject to change by company or landowner. All ditches and culverts will be maintained after construction is completed. If revision is made, revised plan will be submitted.

