



1) Date: October 4, 1983  
 2) Operator's Well No. A-1442  
 3) API Well No. 47 - 083 - 0833  
 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 XX / Gas XX /  
 B (If "Gas", Production XX / Underground storage XX / Deep XX / Shallow XX /)
- 5) LOCATION: Elevation: 2738 Watershed: Kettle Run  
 District: Roaring Creek County: Randolph Quadrangle: Cassity 7.5'
- 6) WELL OPERATOR Alamco, Inc. 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 S. 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 XX / Drill deeper XX / Redrill XX / Stimulate XX /  
 Plug off old formation XX / Perforate new formation XX /  
 Other physical change in well (specify) XX
- 11) GEOLOGICAL TARGET FORMATION, Elk  
 12) Estimated depth of completed well, 5450' feet  
 13) Approximate trata depths: Fresh, 422' feet; salt, XX feet.  
 14) Approximate coal seam depths: 204-207 Is coal being mined in the area? Yes XX / No XX /

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15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	OIL & GAS DIVISION DEPT. OF MINES PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	16"				X	20'	20'	Cement to surface	
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"		J.55	X		5450'	5450'	Req. by Rule 15-01	
Tubing			10.50#						
Liners									Perforations: Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-083-0833

Date November 3, 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 November 3, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent: <u>LS</u>	Plat: <u>B</u>	Casing: <u>PL</u>	Fee: <u>24740</u>
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BLANKET BOND

T. R. [Signature]  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

File



OFFICE USE ONLY

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

1) LOCATION: District: Roaring Creek County: Randolph Elevation: 2738' Watered: Kettle Run Underground storage: Shallow (X) Deep ( )

2) WELL OPERATOR: Name: R. O. Stewart, Inc. Address: R. O. Box 1740, Clarksville, WV 26301

3) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: Robert S. Stewart, Jr. Address: R. O. Box 345, Jane Lew, WV 26378

4) DRILLING CONTRACTOR: Name: Development Drilling Address: R. O. Box 1740, Clarksville, WV 26301

5) DESIGNATED AGENT: Name: Daniel J. Wheeler Address: R. O. Box 1740, Clarksville, WV 26301

6) PROPOSED WELL WORK: Drill (X) / Plug off old formation ( ) / Perform new formation ( )

7) OTHER PHYSICAL CHANGE IN WELL (specify):

8) ESTIMATED DEPTH OF COMPLETED WELL: 2520'

9) APPROXIMATE TEST DEPTH: Fresh: 2520' Salt: test

10) APPROXIMATE TEST DEPTH: 204-207'

11) GEOLOGICAL TARGET FORMATION:

12) APPROXIMATE TEST DEPTH: 204-207'

13) APPROXIMATE TEST DEPTH: 204-207'

14) APPROXIMATE TEST DEPTH: 204-207'

15) CASING AND TUBING PROGRAM:

TUBING TYPE	CASING OR TUBING SIZE	Grade	Weight per ft.	SPEECH ATTACHMENT		FOOTAGE INTERVAL	
				New	Used	Let in well	Let out well
Conductor	5 1/2"					20'	20'
Production	4 1/2"					700'	700'

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	Follow-up inspection(s)
Well work started	"
Completion of the drilling process	"
Well Record received	"
Reclamation completed	"

OTHER INSPECTIONS

Reason: \_\_\_\_\_  
 Reason: \_\_\_\_\_

Agent	Plan	Casing	Fee
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BLANKET BOND

NOTE: Keep one copy of this permit posted at the drilling location.



Date SEPT. 21, 1983  
Well No. A-1442  
API No. 47 - 083 - 0837  
State County Permit



State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

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

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 reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan. 9-25-83 (Date) Junior Kelch (SCD Agent)

ACCESS ROAD

LOCATION

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

Structure DRAINAGE Ditch (1)  
Material Earthen  
Page Ref. Manual 2:12

Structure CULVERTS (B)  
Spacing 16" I.D. (WHERE NEEDED)  
Page Ref. Manual 2:5

Structure Riprap (2)  
Material Rock  
Page Ref. Manual N/A **RECEIVED**  
**OCT 5 1983**

Structure Riprap (C)  
Spacing Rock  
Page Ref. Manual N/A

Structure \_\_\_\_\_ (3)  
Material OIL & GAS DIVISION  
Page Ref. Manual DEPT. OF MINES

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

Lime 3 Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Mulch Straw 2 Tons/acre

Mulch Straw 2 Tons/acre

Seed\* KENTUCKY 31 40 lbs/acre

Seed\* KENTUCKY 31 40 lbs/acre

DOMESTIC RYEGRASS 10 lbs/acre

DOMESTIC RYEGRASS 10 lbs/acre

BIRDSEED TREFOIL 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.

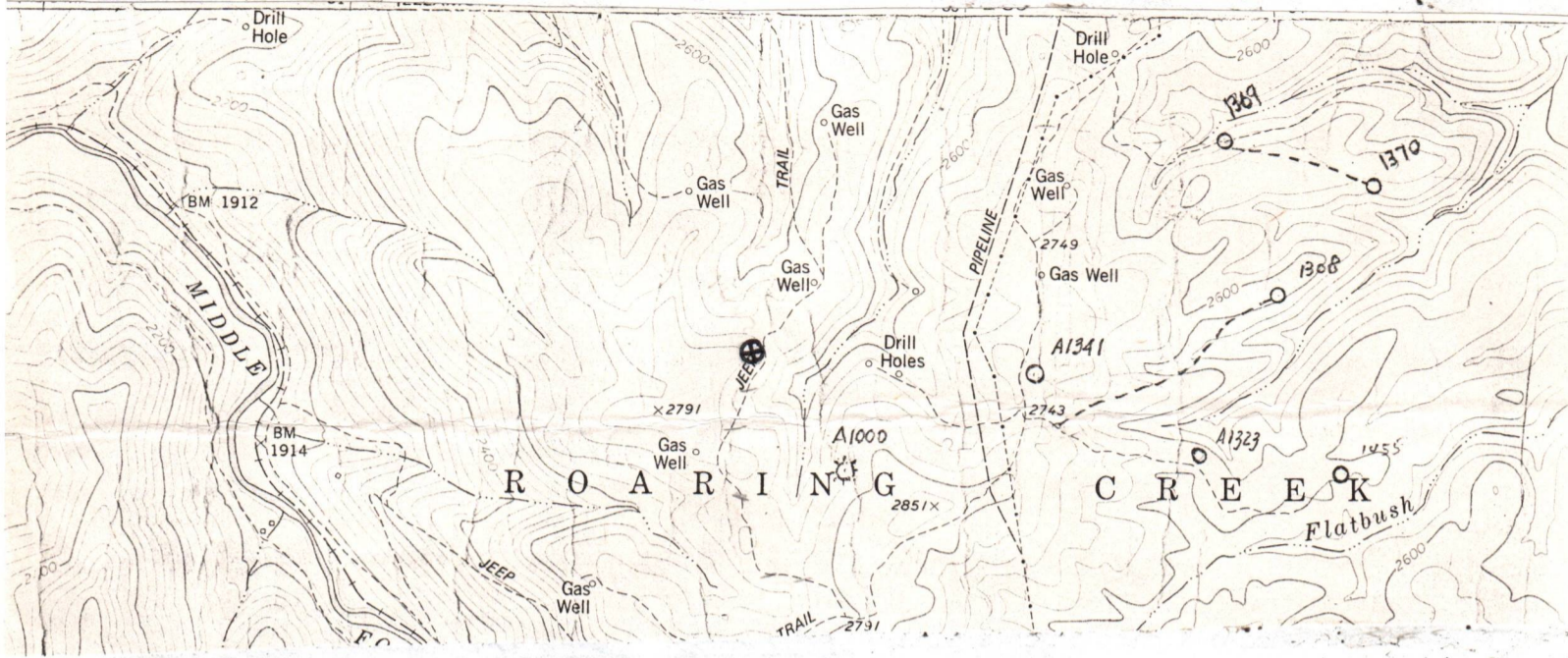
PLAN PREPARED BY Daniel L. Wheeler

ADDRESS \_\_\_\_\_

PHONE NO. \_\_\_\_\_

LEGEND	
WELL SITE	
ACCESS ROAD	

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

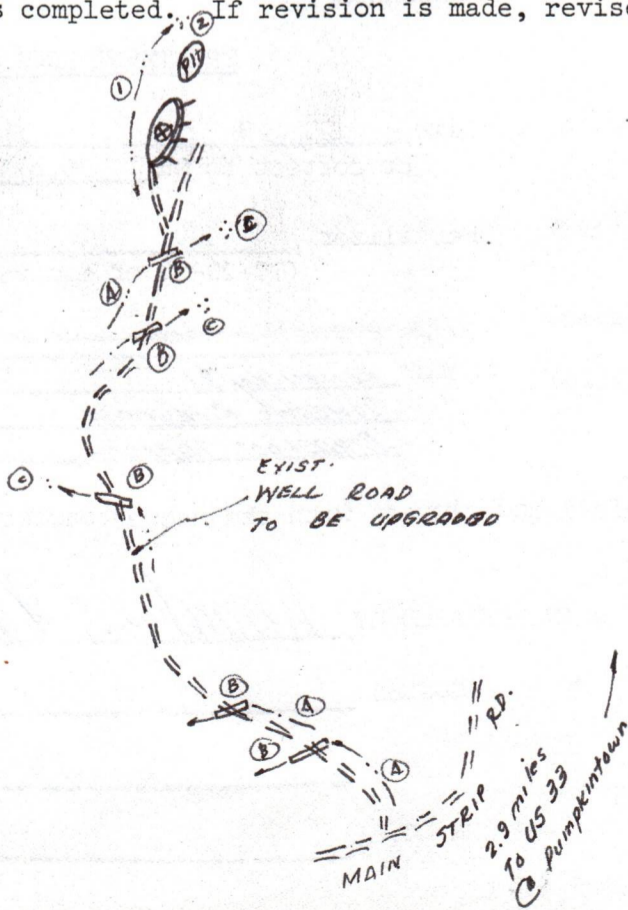


Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

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

COMMENTS

Slope of access road 6 % -- 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.



1) Date: October 4, 1983  
2) Operator's  
Well No. A-1442  
3) API Well No. 47 083  
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
- (ii) Name Neva McMullan  
Address Route 5, Box 394  
Washington, NC 27889
- (iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR N/A  
Address \_\_\_\_\_

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Neva McMullan  
Address Route 5, Box 394  
Washington, NC 27889

Name Westvaco  
Address P. O. Box 577  
Rupert, WV 25984

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name Amax Coal Int. Coal Co.  
Address 105 S. Meridan/ 119 Wash. St.  
Ind., Ind. 46225/Lewisburg, WV 24901

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.

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 in 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?  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.

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OCT - 5 1983

OIL & GAS DIVISION  
DEPT. OF MINES

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 4 day of October, 1983.  
My commission expires Nov. 19, 1990.

WELL OPERATOR ALAMCO, INC.

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

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

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>
Harry McMullan, Jr. Columbia Gas Co.	Columbia Gas Co. Alamco, Inc.	1/8	272	433 Not Recorded

A-1442  
P 406 789 591

RECEIPT FOR CERTIFIED MAIL

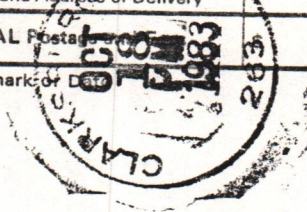
NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Amax Coal	
105 S. Meridan	
Indianapolis, Indiana	
P.O., State and ZIP Code	
Postage	\$
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	

46200  
Hancock PO Box 1740  
Clarksburg 26301

PS Form 3800, Feb. 1982



A-1442  
P 406 789 597

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

International Coal	
119 Washington Street East	
Lewisburg, West Virginia	
P.O., State and ZIP Code	
Postage	\$
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	

Hancock 20000 Main PO Box 1740  
Clarksburg 26301

PS Form 3800, Feb. 1982



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OIL & GAS DIVISION  
DEPT. OF MINES

P 406 789 033  
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

A-1442

Neva McMullan (Reverse)

Route 5, Box 394  
Washington, N.C. 27889

Street and No.

P.O., State and ZIP Code

Postage \$

Certified Fee

Special Delivery Fee

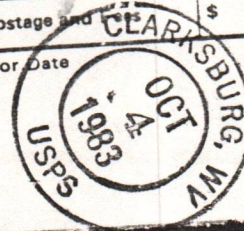
Restricted Delivery Fee

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

A-1442

P 406 789 586  
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Westvaco  
203 Randolph Avenue  
Etkins, West Virginia

Street and No.

P.O., State and ZIP Code

Postage \$

Certified Fee

Special Delivery Fee

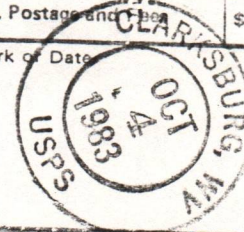
Restricted Delivery Fee

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

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OIL & GAS DIVISION  
DEPT. OF MINES



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JAN 24 1984



Date January 13, 1984  
Operator's  
Well No. A-1442  
Farm McMullan  
API No. 47 - 083 - 0833

OIL & GAS DIVISION  
**DEPT. OF MINES** STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

**OIL and GAS DIVISION**

WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 2738' Watershed Kettle Run  
District: Roaring Creek County: Randolph Quadrangle: Cassity 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  
203 Randolph St., Elkins, WV  
ADDRESS

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

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

PERMIT ISSUED November 3, 1983

DRILLING COMMENCED November 15, 1983

DRILLING COMPLETED November 20, 1983

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

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"	976'	976'	to surface
7"			
5 1/2"			
4 1/2"	5210'	5210'	w/310 sks 3300'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk DEPTH 5450' FEET

Depth of completed well 5462 feet Rotary x / Cable Tools \_\_\_\_\_

Water Strata depth: Fresh None listed feet Salt \_\_\_\_\_ feet

Coal seam depth: None listed Is coal being mined in this area? No

OPEN FLOW DATA

Producing formation 1st Elk, Riley Pay zone depth See back feet

Gas: Initial open flow No show Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow 582 Mcf/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests 2 hours

Static rock pressure 1300 psig ( surface measurement after 72 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)

KIT 0833

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

Well was fractured December 1, 1983  
 Perforations: 3610 - 3613 5064 - 5067  
 3721 - 3724 5073 - 5075  
 3855 - 3859 5083 - 5088 1st Elk  
 3880 - 3883 Riley

## 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	20	Gas check @ 2223' No show
Sand & Shale	20	1296	Gas check @ 2728' No show
Little Lime	1296	1380	Gas check @ 3385' No show
Big Lime	1380	1394	Gas check @ 3730' No show
Sand, Shale & Red Rock	1394	1634	Gas check @ 3824' No show
Pocono	1634	1642	Gas check @ 3948' Light odor
Shale	1642	1880	Gas check @ 4327' Odor
Gordon-Stray	1880	1890	Gas check @ 4347' Odor
Shale	1890	2030	Gas check @ 5147' No show
Gordon	2030	2062	
Shale	2062	2252	
5th Sand	2252	2284	
Sand & Shale	2284	3610	
Riley	3610	3724	
Shale	3724	3855	
Benson	3855	3883	
Shale	3883	4356	
Alexander	4356	4368	
Shale	4368	5064	
1st Elk	5064	5088	
Sand & Shale	5088	5462 T.D.	

(Attach separate sheets as necessary)

ALAMCO, INC.

Well Operator

By: Raymond J. Donagan

Vice President Oil &amp; Gas Operations

Date: January 13, 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."



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AUG 14 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

COMPANY Alamo

PERMIT NO 83-833 11/83

FARM & WELL NO A-1442

DIST. & COUNTY Crossing 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 Strenght	_____	_____
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 Tracy

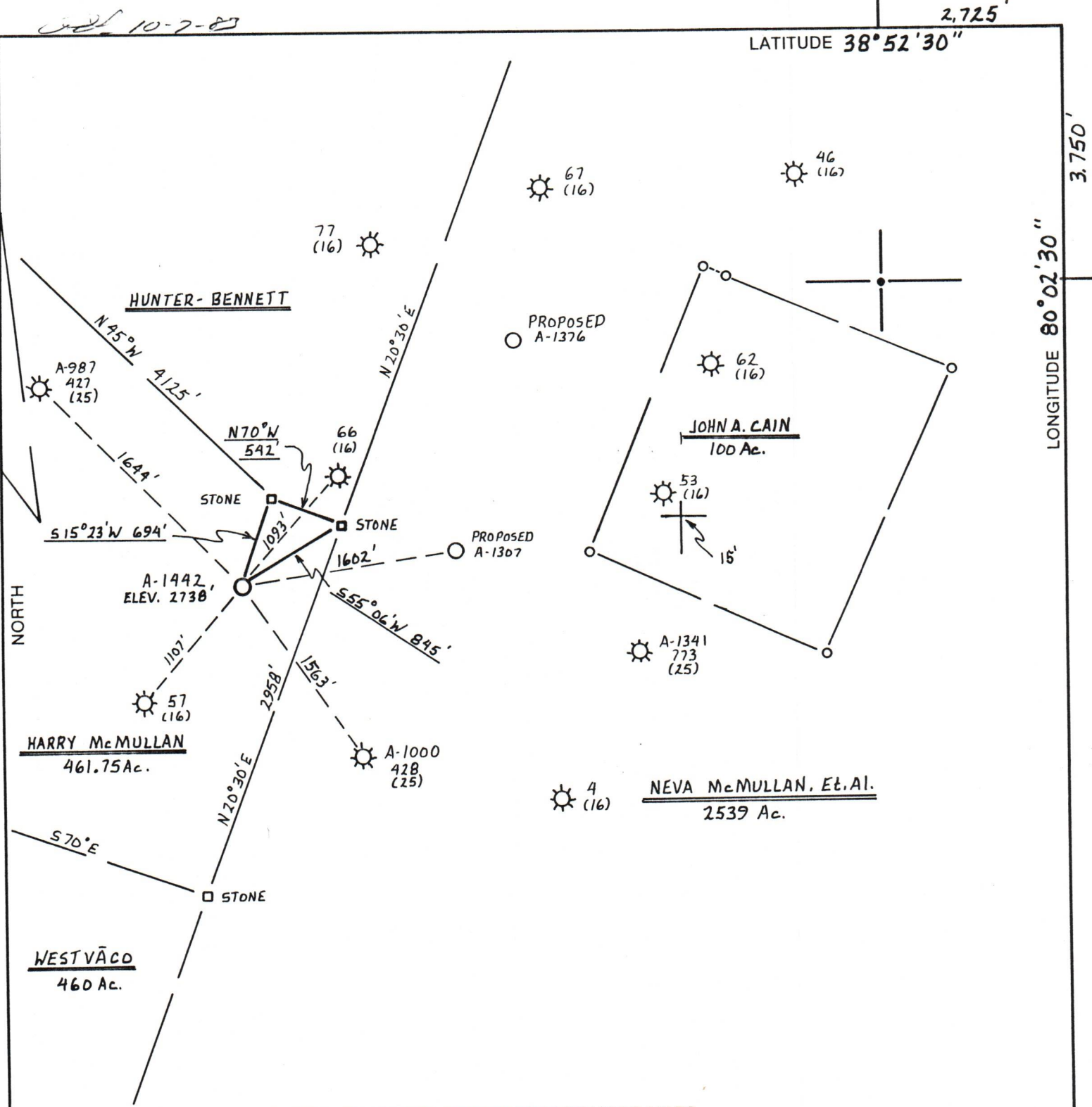
DATE 8-7-84

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. v. B.  
Administrator-Oil & Gas Division

August 21, 1984

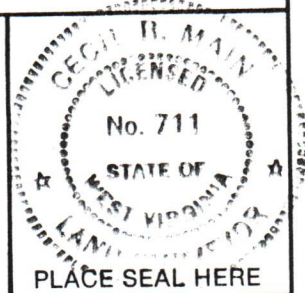
DATE



(+) 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 ALAMCO A-1000  
API 428 ELEV 2740'

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 OCTOBER 4, 1983  
 OPERATOR'S WELL NO. A-1442  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 2738' WATERSHED KETTLE RUN  
 DISTRICT ROARING CREEK COUNTY RANDOLPH  
 QUADRANGLE CASSITY 7.5'  
 SURFACE OWNER WESTVACO ACREAGE 461.75 Ac.  
 OIL & GAS ROYALTY OWNER HARRY McMULLAN LEASE ACREAGE 461.75 Ac.  
 LEASE NO. 1755  
 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 5,450'  
 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 0833

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