



1) Date: Oct. 20, 19 83
 2) Operator's Well No. A-1512 McMullan
 3) API Well No. 47 - 083 - 0835
 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 / Deep / Shallow XX /)
- 5) LOCATION: Elevation: 2600' Watershed: Three Forks Run
 District: Middle Fork 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 Stewart Name Development Drilling Corpn.
 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 / 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, 5200' feet
- 13) Approximate strata depths: Fresh, 270 feet; salt, feet.
- 14) Approximate coal seam depths: 84 - 88 Is coal being mined in the area? Yes XX

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15) CASING AND TUBING PROGRAM

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	
Fresh water	8-5/8"								
Coal	8-5/8"		20#	X		700'	700'	Cement to surface	By Rule 15.05
Intermediate			J.55						
Production	4-1/2"		10.50#	X		5200'	5200'	Required by Rule 15.01	
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-083-0835

November 7, 1983
 Date

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 7, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

BLANKET BOND

Bond:	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>14835</u>
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Michael Lewis
 Administrator, Office of Oil and Gas

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

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File



OFFICE USE ONLY

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

1) LOCATION: District: Middle West; County: Randolph; Elevation: 2800'; Well No.: 883-0233; Well Name: Three Wells Run; Underfoot strata: Shallow (XXX)

2) WELL OPERATOR: Address: P.O. Box 1740, Clarksburg, WV 26301; Name: Robert Stewart; Oil & Gas Inspector to be notified: Robert Stewart

3) DRILLING CONTRACTOR: Address: P.O. Box 1740, Clarksburg, WV 26301; Name: Development Drilling Company

4) PROPOSED WELL WORK: Plug old formation; Retain; Depth: 20'; Other physical change in well (specify):

5) GEOLOGICAL TARGET FORMATION: Estimated depth of completed well: 2500'; Approximate true depth: 2500'; Approximate coal seam depth: 84-88'; Coal being mined in the area: Yes

6) CASING AND TUBING PROGRAM: Casing or tubing type: Production; Size: 4-1/2"; Weight: 20.83; Material: 1.55; Casing or tubing type: Fresh water; Size: 8-5/8"; Weight: 20.83; Material: 1.55; Casing or tubing type: Cement to surface; Size: 20"; Weight: 20.83; Material: 1.55

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DEPT. OF MINE
OIL & GAS DIVISION

Case No.	Permit No.	Well No.	Well Name	Depth	Strata	Operator	Contractor	Inspector	Notes
883-0233			Three Wells Run	20'	Shallow	Development Drilling Co.	Robert Stewart		

OFFICE USE ONLY

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

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

OTHER INSPECTIONS

Reason: _____

Reason: _____

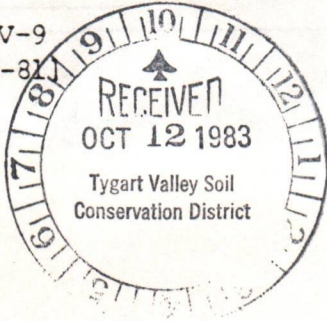
Permit No. 883-0233

Agent: _____

Inspector: _____

Permittee: _____

LANEY BOND



State of West Virginia
Department of Mines
Oil and Gas Division

Date Oct. 12, 1983
Well No. A-1512
API No. 47 - 083 - 0834
State County Permit
0835

CONSTRUCTION AND RECLAMATION PLAN

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

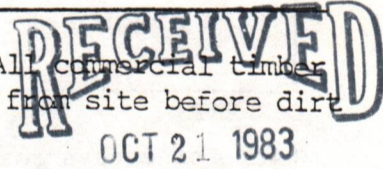
Designated Agent Daniel L. Wheeler
Address P. O. Box 1740
Clarksburg, West Virginia
Telephone 623-6671
Soil Cons. District TYGART VALLEY

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. 10-15-83 (Date) Junior H. Hines (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A) Spacing <u>Earthen</u> Page Ref. Manual <u>2:12</u>	Structure <u>DRAINAGE Ditch</u> (1) Material <u>Earthen</u> Page Ref. Manual <u>2:12</u>
Structure <u>CULVERT</u> (B) Spacing <u>16" I.D. (WHERE NEEDED)</u> Page Ref. Manual <u>2:5</u>	Structure <u>RIPRAP</u> (2) Material <u>ROCK</u> Page Ref. Manual <u>N/A</u>
Structure _____ (C) Spacing _____ Page Ref. Manual _____	Structure _____ (3) 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.



TREATMENT AREA I	TREATMENT AREA I
Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>	Lime <u>3</u> Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Straw</u> 2 Tons/acre	Mulch <u>Straw</u> 2 Tons/acre
Seed* <u>DOMESTIC RYEGRASS</u> 10 lbs/acre	Seed* <u>KENTUCKY 31</u> 40 lbs/acre
<u>KENTUCKY 31</u> 40 lbs/acre	<u>DOMESTIC RYEGRASS</u> 10 lbs/acre
<u>BIRDSFOOT TREFOIL</u> 10 lbs/acre	<u>BIRDSFOOT TREFOIL</u> 10 lbs/acre

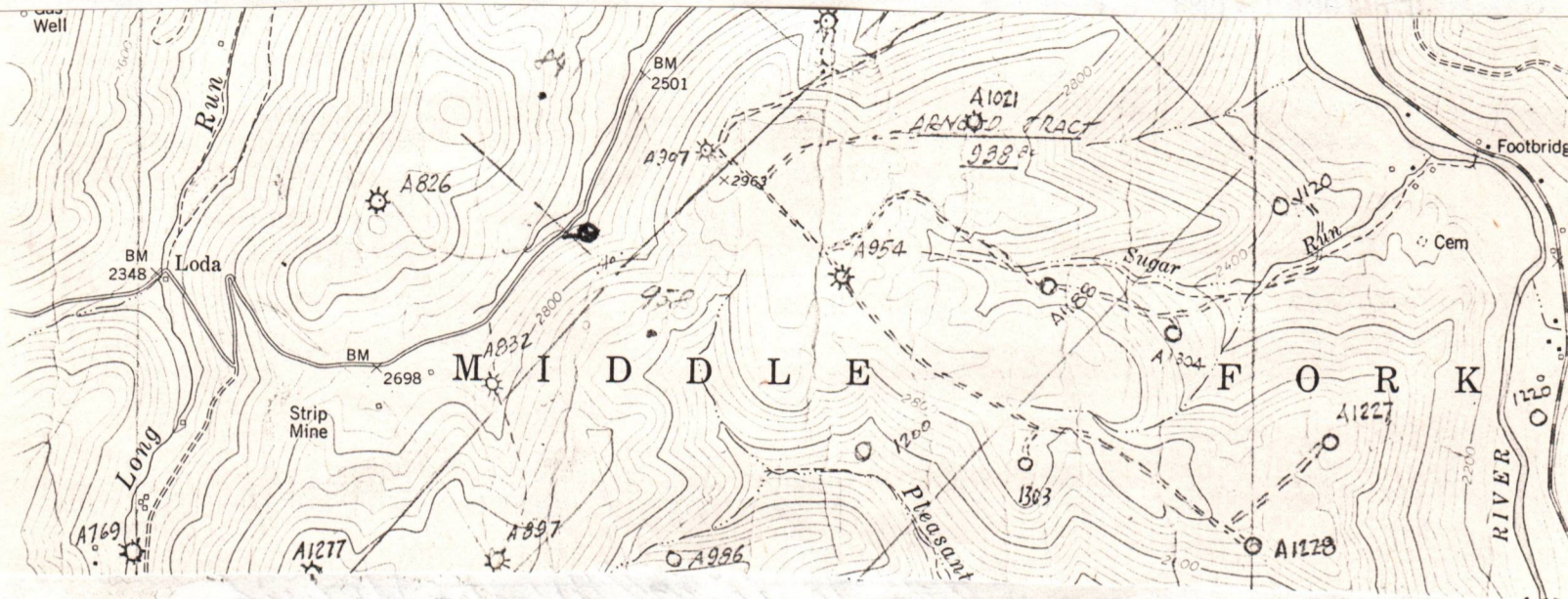
*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

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 200 West Main St.
Clarksburg, W. Va. 26301
PHONE NO. 623-6671

LEGEND
WELL SITE
ACCESS ROAD _____

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

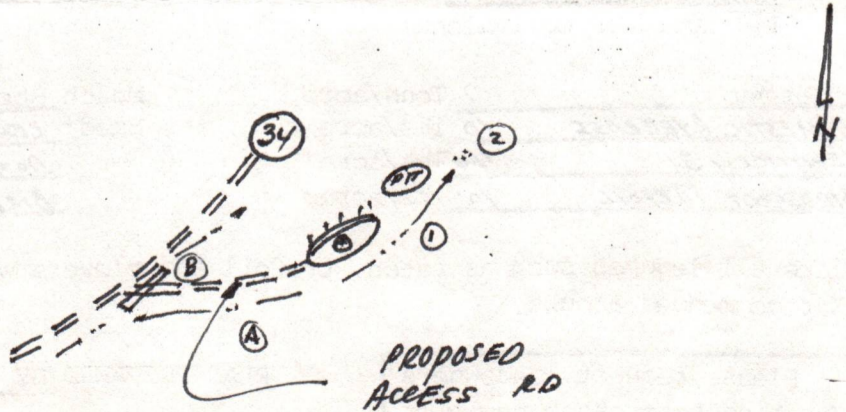


Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

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

COMMENTS

Slope of access road 4 % -- 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: Oct. 20, 19 83
2) Operator's
Well No. A-1512 McMullan
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 26241
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR N/A
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Amax Coal Company
Address 105 S. Meridan Street
Indianapolis, Inc. 46225
Name International Coal Co.
Address Greenbrier Valley Bldg.
Lewisburg, WV 24901
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.

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.

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- 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

OIL & GAS DIVISION
DEPT. OF MINES

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 20 day of October, 19 83.
My commission expires 11-19, 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>
Columbia Gas Corp.	ALAMCO	1/8	17	701

A-1512
 P 406 789 600

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

Westvaco
 203 Randolph Avenue
 Elkins, West Virginia 26241

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	

THIS INSTRUMENT PREPARED BY:
 ALAN L. CO. INC. WVA
 P. O. Box 1749, Marlinton, WV 26301

PS Form 3800, Feb. 1982

A-1512
 P 406 789 622

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to International Coal Co.
 Street Greenbrier Valley Bldg.
 Lewisburg, WV 24901

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	

THIS INSTRUMENT PREPARED BY:
 ALAN L. CO. INC. WVA
 P. O. Box 1749, Marlinton, WV 26301

PS Form 3800, Feb. 1982

A-1512
 P 349 346 179

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO
 Anax Coal Company
 105 S. Meridan Street
 Indianapolis, Indiana 46225

POSTAGE		
OPTIONAL SERVICES RETURN RECEIPT SERVICE	CERTIFIED FEE	€
	SPECIAL DELIVERY	€
	RESTRICTED DELIVERY	€
	SHOW TO WHOM AND DATE DELIVERED	€
	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	€
	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	€
	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	€

TOTAL POSTAGE AND FEES
 POSTMARK OR DATE

OCT 21 1983
 263

THIS INSTRUMENT PREPARED BY:
 ALAN L. CO. INC. WVA
 P. O. Box 1749, Marlinton, WV 26301

PS Form 3800, Apr. 1976

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OIL & GAS DIVISION
 DEPT. OF MINES

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FEB 10 1984



Date February 3, 1984
Operator's
Well No. A-1512
Farm McMullan
API No. 47 - 083 - 0835

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 / LIQUID INJECTION / WASTE DISPOSAL /
(If "Gas", Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 2600' Watershed Three Forks Run
District: Middle Fork 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 Ave., 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 7, 1983

DRILLING COMMENCED December 15, 1983

DRILLING COMPLETED December 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"	823'	823'	to surface
7"			
5 1/2"			
4 1/2"	4921'	4921'	w/500 sks 1600'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk DEPTH 5200 FEET

Depth of completed well 5059 feet Rotary x / Cable Tools _____
Water Strata depth: Fresh 65 & 107 feet Salt _____ feet
Coal seam depth: 218-222, 420-423 Is coal being mined in this area? No

OPEN FLOW DATA

Producing formation 1st & 2nd Elk, Balltown Pay zone depth See back feet
Gas: Initial open flow 190 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 3160 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 2 hours

Static rock pressure 950 psig (surface measurement after 70 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)

RAW 835

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

Well was fractured January 27, 1984
 Perforations: 2313 - 2322
 2444 - 2454 Balltown

 4813 - 4817
 4823 - 4826
 4882 - 4884 1st & 2nd 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	8	Hole damp @ 65'
Sand & Shale	8	218	1" stream water @ 107'
Coal	218	222	Gas check @ 1575' No show
Sand & Shale	222	420	Gas check @ 1928' No show
Coal	420	423	Gas check @ 2376' 245 MCF/D
Sand & Shale	423	595	Gas check @ 2954' 200 MCF/D
Shale & Red Rock	595	744	Gas check @ 3551' 200 MCF/D
Sand	744	750	Gas check @ 4422' 190 MCF/D
Shale & Red Rock	750	857	
Sand & Shale	857	1028	
Lime & Shale	1028	1105	
Big Lime	1105	1360	
Shale	1360	1368	
Injun	1368	1435	
Sand & Shale	1435	1664	
4th Sand	1664	1700	
Red Rock	1700	1833	
5th Sand	1833	1925	
Red Rock	1925	1985	
Speechley	1985	2010	
Shale	2010	2320	
Sand & Shale	2320	3336	
Riley	3336	3350	
Sand & Shale	3350	3540	
Brown Sand	3540	3590	
Shale	3590	4802	
1st Elk	4802	4844	
Shale	4844	4866	
2nd Elk	4866	4900	
Shale	4900	5010	
3rd Elk	5010	5026	
Shale	5026	5059 T.D.	

(Attach separate sheets as necessary)

ALAMCO, INC.

Well Operator

By: Raymond C. Maza
 Vice President Oil & Gas Operations

Date: February 3, 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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NOV 26 1984

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
February 15, 1984

COMPANY Alamco, Inc.
200 West Main Street
Clarksburg, West Virginia 26301

PERMIT NO 083-0835
FARM & WELL NO McMullan #A-1512
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 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:

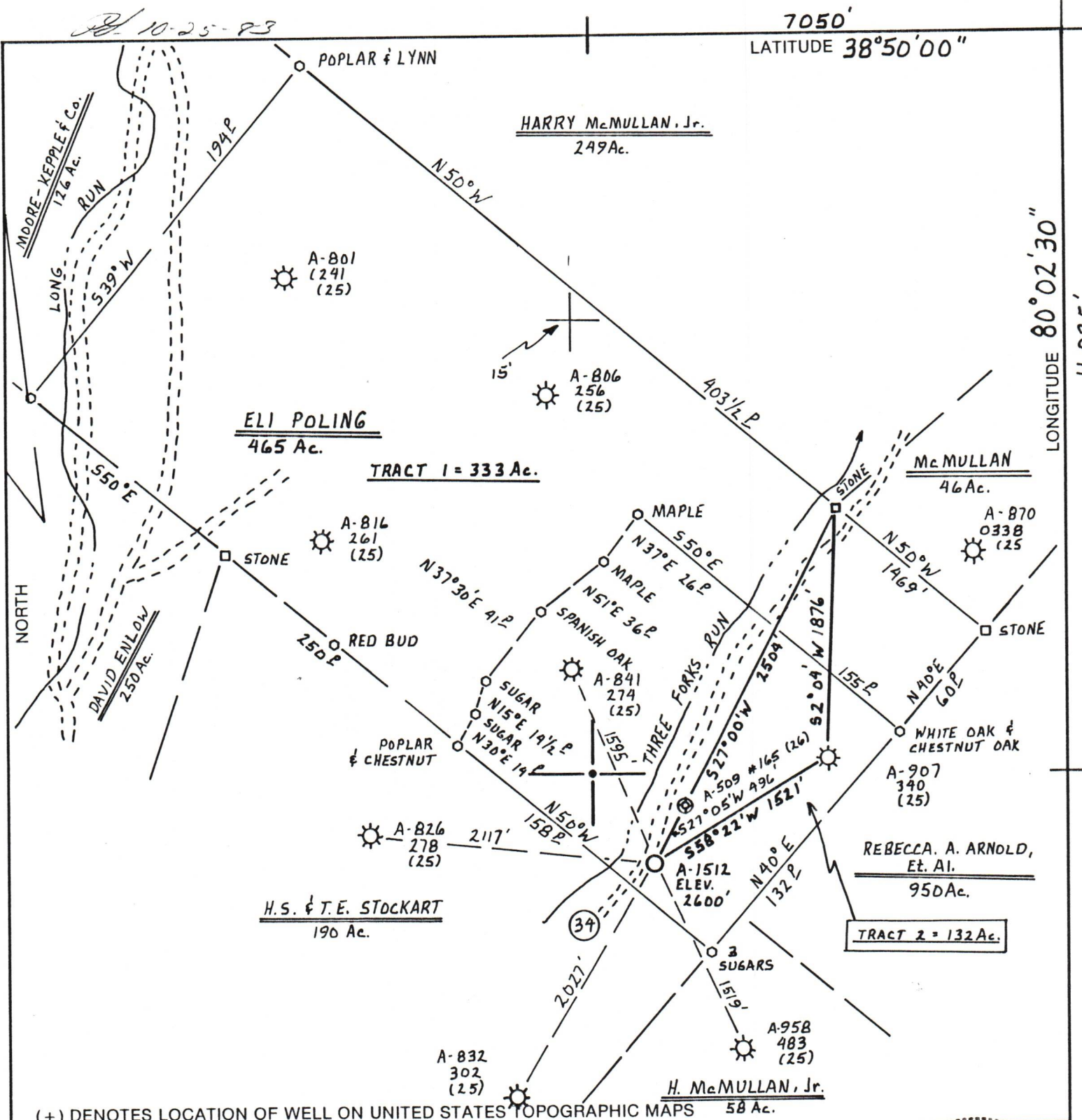
SIGNED Phillip Gray
DATE 11-20-84

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. ...
Administrator-Oil & Gas Division

January 10, 1985

DATE



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION ALAMCO A-832
API 302 ELEV. 2717'

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 19, 1983
 OPERATOR'S WELL NO. A-1512
 API WELL NO. 47-083-0835
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 2,600' WATERSHED THREE FORKS RUN
 DISTRICT MIDDLE FORK COUNTY RANDOLPH
 QUADRANGLE CASSITY 7.5'
 SURFACE OWNER WESTVACO ACREAGE 465 Ac.
 OIL & GAS ROYALTY OWNER NEVA McMULLAN, EXEC. TRUSTEE LEASE ACREAGE 465 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 5,200'
 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

LONGITUDE 80° 02' 30" LONGITUDE 80° 02' 30" COUNTY NAME 083 RANDOLPH PERMIT 735

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