

RECEIVED

MAY 11 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES



Form IV-2
(Obverse)

(Revised 3-81)

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL and GAS DIVISION
OIL and GAS WELL PERMIT

WELL NO. A-1231
FARM NAME McMullan
API WELL NO. 47 - 083 - 0667
DATE May 3, 1982

WELL TYPE: Oil / Gas XXX /
If "Gas", Production / Underground storage / Deep / Shallow XXX /
LOCATION: Elevation: 2722' Watershed: Middle Fork River
District: Middle Fork County: Randolph Quadrangle: Cassity 7.5'

WELL OPERATOR Allegheny Land and Mineral Company
Address P. O. Drawer 1740
Clarksburg, West Virginia 26301

DESIGNATED AGENT Daniel L. Wheeler
Address P. O. Drawer 1740
Clarksburg, West Virginia 26301

OIL & GAS

ROYALTY OWNER Harry McMullan, Jr. John Davisson Trustee
Address P. O. Box 8 1 East 4th Street
Washington, D.C.27889 Weston, V 26452

COAL OPERATOR Amax Coal
Address International Coal Company

Acreage 1000

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Westvaco John Davison Trustee
Address 203 Randolph Avenue 1 East 4th Street
Elkins, WV 26241 Weston, WV 26452

Name Neva McMullan % Harry McMullan

Acreage 1000

Address P.O. Box 8

FIELD SALE (IF MADE) TO: Columbia Gas Transmission
Address P.O. Box 498
Washington, Penn. 15301

Washington, N.C. 27889

Name John G. Davisson, Trustee

Address 1 East 4th Street

Weston, WV 26452

OIL AND GAS INSPECTOR TO BE NOTIFIED:
Name Robert Stewart
Address P.O. Box 345
Jane Lew, West Virginia 26378

COAL LESSEE WITH DECLARATION ON RECORD:

Name Amax Coal Company Int.Coal Co

Address 105 South Meridan Street 105 S.Meridan

Indianapolis, Ind. 27889 Ind. In. 46225

The undersigned well operator is entitled to operate for oil or gas purposes as the above location under a deed / lease XXX / other contract / dated January 4, 1973, to the undersigned well operator from Columbia Gas Transmission Corporation

(If said deed, lease, or other contract has been recorded:)

Recorded on August 16, 1973 in the office of the Clerk of the County Commission of Randolph County, West Virginia in Lease Book 283 at page 408. A permit is requested as follows:

PROPOSED WORK: Drill XXX / Drill deeper / Redrill / Fracture or stimulate /

Plug off old formation / Perforate new formation /

Other physical change in well (specify)

-planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1613 WASHINGTON STREET, EAST
CHARLESTON, WV 25311

BLANKET BOND

10/20/2023

ALLEGHENY LAND AND MINERAL COMPANY

BY: Daniel L. Wheeler
Daniel L. Wheeler, Vice President
P. O. Drawer 1740
Clarksburg, West Virginia 26301

Telephone (304) 348-3092

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Union Drilling Company, Inc.
P. O. Drawer 1740
Buckhannon, West Virginia 26201

GEOLOGICAL TARGET FORMATION, Elk

Estimated depth of completed well 5300' feet Rotary XXX / Cable tools /

Approximate water strata depths: Fresh, 747 feet; salt, feet.

Approximate coal seam depths: Is coal being mined in the area? Yes / No /

CASING AND TUBING PROGRAM 94-102, 114-120, 172,176, 808-812

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP or SACKS (Cubic Feet)	PACKERS Kinds
	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"								Sizes
0001	8-5/8"		20#	X		1000'	1000'	cement to surface	
Intermediate									Depths set
Production	4-1/2"		J-55 10.50#	X		5300'	5300'	cement to 300' above producing horizon or as required by Rule 15.01	
Tubing									Perforations:
Liners									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the form prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9 "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form Iv-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued with fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements by the West Virginia Code and the governing regulations.

Date: 19 BY:

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR Drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 1-13-83.
BY T. H. [Signature]

10/20/2023

file



Form IV-9.
[Rev 8-81]

State of West Virginia
Department of Mines
Oil and Gas Division

Date April 6, 1982
Well No. A-1231
API No. 47 - 083 -
State County Permit



CONSTRUCTION AND RECLAMATION PLAN

Company Name Allegheny Land & Mineral Co.
Address P. O. Box 1740
Clarksburg, West Virginia
Telephone 623-6671
Landowner Westvaco

Designated Agent J. Ronald Cullen
Address P. O. Box 1740
Clarksburg, West Virginia
Telephone 623-6671
Soil Cons. District Tygart's Valley

Revegetation to be carried out by Halls Reclamation, Inc. (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections
and additions become a part of this plan. 4-10-82 Junior Hedrick
(Date) (SCD Agent)

ACCESS ROAD	LOCATION
(A) Structure <u>Drainage Ditch</u> Spacing <u>Earthen</u> Page Ref. Manual <u>1-10</u>	(1) Structure <u>Drainage Ditch</u> Material <u>Earthen</u> Page Ref. Manual <u>1-10</u>
(B) Structure <u>Culverts</u> Spacing <u>12" Min. I. D. (Where needed)</u> Page Ref. Manual <u>1-8</u>	(2) Structure <u>Rip-Rap</u> Material <u>Rock</u> Page Ref. Manual <u>N/A</u>
(C) Structure <u>Rip-Rap</u> Spacing <u>Rock</u> Page Ref. Manual <u>N/A</u>	(3) Structure _____ 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

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)
Mulch Straw <u>2</u> Tons/acre
Seed* <u>Kentucky 31</u> 40 lbs/acre
<u>Domestic Ryegrass</u> 10 lbs/acre
<u>Birdsfoot Trefoil</u> 10 lbs/acre

TREATMENT AREA II

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)
Mulch Straw <u>2</u> Tons/acre
Seed* <u>Kentucky Fescue</u> 40 lbs/acre
<u>Domestic Ryegrass</u> 10 lbs/acre
<u>Birdsfoot Trefoil</u> 10 lbs/acre

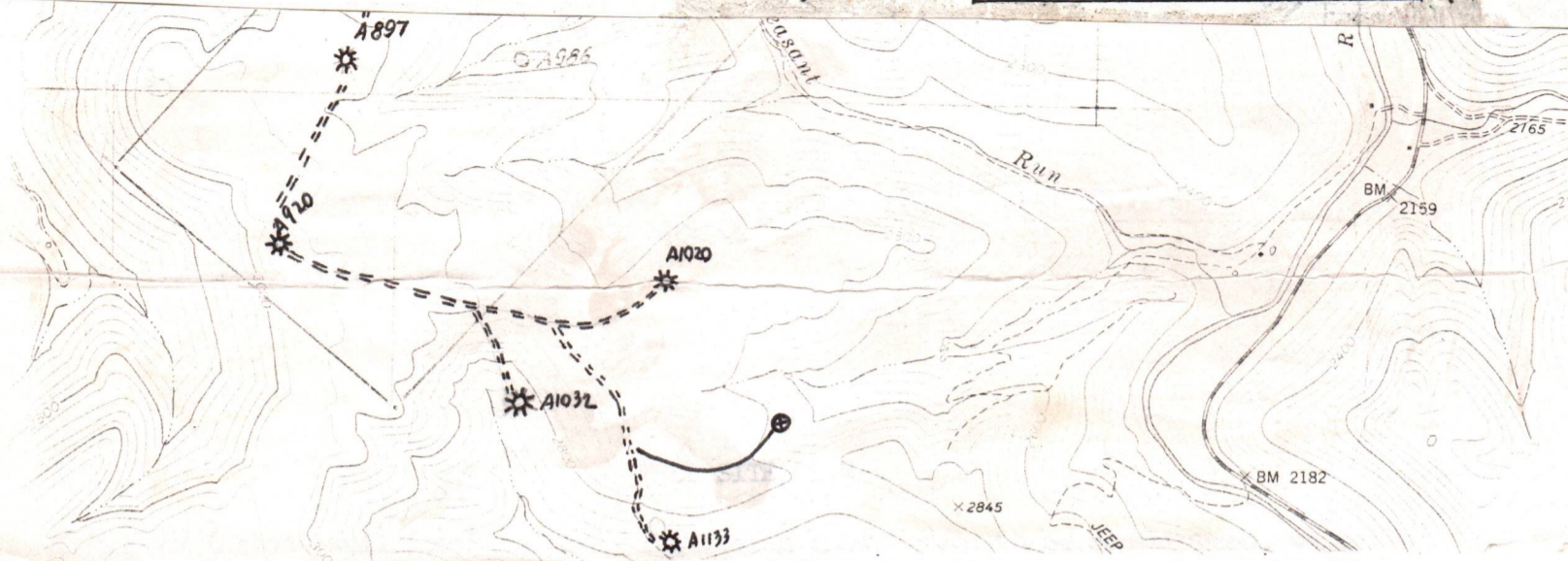
*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

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

PLAN PREPARED BY J. Ronald Cullen 10/20/2023
ADDRESS P. O. Drawer 1740
Clarksburg, West Virginia 26301-1740
PHONE NO. 623-6671

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Cassity 7.5

LEGEND	
Well Site	○
Access Road	_____

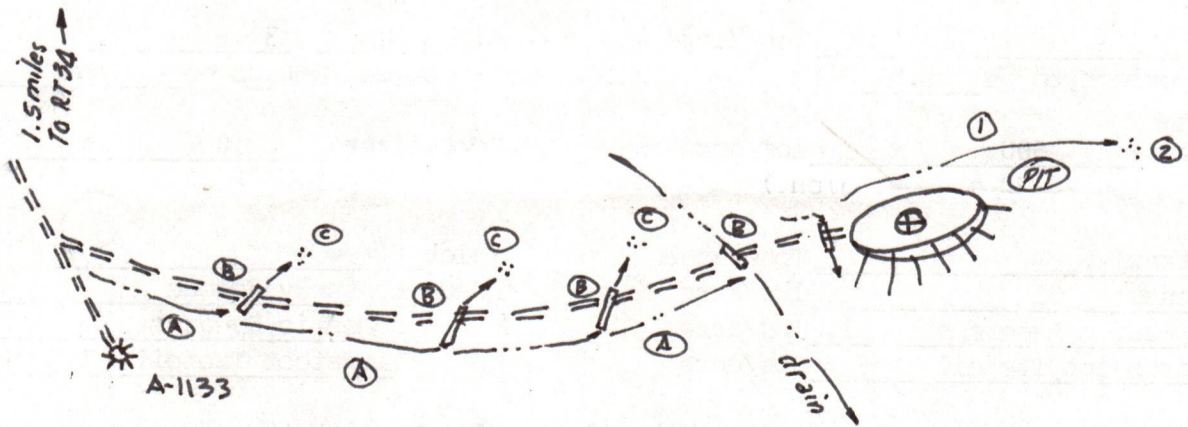


drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND			
Property boundary	▲▲▲▲▲	Diversion	//////
Road	====	Spring	○→
Existing fence	-x-x-	Wet Spot	☼
Planned fence	- / - / -	Building	■
Stream	~ ~ ~	Drain pipe	○→○→
Open ditch	- - - ->	Waterway	⇄

COMMENTS:

Slope of access road 12% -- Cuts to be on a 2:1 slope or less. Access road subject to change by company of landowner. All ditches and culverts will be maintained after construction is completed.



10/20/2023



1) Date: November 30, 19 82
 2) Operator's Well No. A-1231
 3) API Well No. 47 ~~000~~ 083-0667-REN
 State County Permit

DRILLING CONTRACTOR:

Development Drilling
P. O. Drawer 1730
Clarksburg, WV 26301

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas XX /
 B (If "Gas", Production / Underground storage / Deep / Shallow XX /)
- 5) LOCATION: Elevation: 2722' Watershed: Middle Fork River
 District: Middle Fork County: Randolph Quadrangle: Cassity 7.5'
- 6) WELL OPERATOR Allegheny Land & Mineral Co. 11) DESIGNATED AGENT Daniel L. Wheeler
 Address P. O. Box 1740 Address P. O. Box 1740
Clarksburg, WV 26301 Clarksburg, WV 26301
- 7) OIL & GAS ROYALTY OWNER Harry McMullan 12) COAL OPERATOR Amax Coal International Coal
 Address P. O. Box 8 Address 105 S. Meridan 119 Washington St.
Washington, N. C. 27889 Ind., Ind. 46275 Lewisburg, WV
 Acreage 1000
- 8) SURFACE OWNER Harry McMullan 13) COAL OWNER(S) WITH DECLARATION ON RECORD: 24901
 Address P. O. Box 8 Name Harry McMullan Jr.
Washington, N. C. 27889 Address P. O. Box 8
 Acreage 1000 Name John G. Davisson, Trustee
 Address 1 East 4th Street
Weston, WV 26452
- 9) FIELD SALE (IF MADE) TO:
 Address Columbia Gas Transmission
P. O. Box 1273, Charleston, WV
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED 25325 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name Robert Stewart Name International Coal Amax Coal
 Address P. O. Box 345 Address 119 Washington St. 105 S. Meridan
Jane Lew, WV 26378 Lewisburg, WV 24901 Ind. Ind. 46275
- 15) PROPOSED WORK: Drill XX / Drill deeper / Redrill / Fracture or stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Benson
- 17) Estimated depth of completed well, 5300' feet
- 18) Approximate water strata depths: Fresh, 908' feet; salt, feet.
- 19) Approximate coal seam depths: 808-812 Is coal being mined in the area? Yes / No XX /
- 20) CASING AND TUBING PROGRAM

RECEIVED
 DEC 01 1982
 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'		Kinds
Fresh water	8 5/8"								
Coal	8 5/8"			X		1100'	1100'	CTS	Sizes
Intermediate			20#						
Production	4 1/2"		J-55	X		5300'	5300'	420 SACS as req. by Rule 15.01	Depths set
Tubing			10.50#						Perforations:
Liners									Top Bottom

- 21) 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.)
- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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? Yes No
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.
- Notary: Signed: Daniel L. Wheeler
 My Commission Expires February 14, 1989 Its: Vice President

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-083-0667-REN. Date January 7 19 83
 Date 10/20/2023

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. 10) 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.)

Permit expires September 7, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>OK</u>	Plat: <u> </u>	Casing: <u> </u>	Fee: <u>21886</u>
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 Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

10/20/2023

Date: _____, 19____

By _____

Its _____

Renewal withdrawn since drilling started before expiration of original permit. Application and check returned to ALAMCO 9-6-83

Steel



1) Date: August 7, 1983
 2) Operator's Well No. A-1231
 3) API Well No. 47 State 083 County 0667 Permit

WEST VIRGINIA OIL AND GAS DIVISION

RENEWED

PERMIT APPLICATION

and storage _____ / Deep _____ / Shallow XX /

Middle Fork River
Randolph Quadrangle: Cassity 7.5'

11) DESIGNATED AGENT Daniel L. Wheeler
 Address P.O. Box 1740
Clarksburg, WV 26301

7) OIL & GAS ROYALTY OWNER Harry McMullan
 Address P.O. Box 8
Washington, NC 27889
 Acreage 1000

12) COAL OPERATOR Amax Coal International Coa
 Address 105 S. Meridan St., 119 Washington S
Ind., Ind. 46275 Lewisburg, WV

8) SURFACE OWNER Harry McMullan
 Address P.O. Box 8
Washington, NC 27889
 Acreage 1000

13) COAL OWNER(S) WITH DECLARATION ON RECORD: 24901
 Name Harry McMullan, Jr.
 Address P.O. Box 8
Washington, NC 27889

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 Address Columbia Gas Transmission
P.O. Box 1273, Charleston, WV

Name John G. Davisson
 Address 1 East 4th Street
Weston, WV 26452

10) OIL & GAS INSPECTOR TO BE NOTIFIED 25325
 Name Robert Stewart
 Address P.O. Box 345
Jane Lew, WV 26378

14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name International Coal Amax Coal
 Address 119 Washington ST., 105 S. Meridan
Lewisburg, WV Ind., Ind. 24901 46275

15) PROPOSED WORK: Drill XX / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____ /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____

16) GEOLOGICAL TARGET FORMATION, Benson

17) Estimated depth of completed well, 5300' feet
 18) Approximate water strata depths: Fresh, 908' feet; salt, _____ feet.
 19) Approximate coal seam depths: 808-812 Is coal being mined in the area? Yes _____ / No XX /

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP FOR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	16"				X	20'	20'		Kinds
Fresh water	8 5/8"								
Coal	8 5/8"		20#	X		1100'	1100'	Cement to Surface	
Intermediate									
Production	4 1/2"		J.55	X		5300'	5300'	420 sacks	Depths set
Tubing			10.50#					Req. by Rule	15.01
Liners									Perforations: Top Bottom

21) 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.)

22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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? Yes No
 If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)
 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: *Felice D. Cox*

Signed: Daniel L. Wheeler Vice-President

February 14 1983

ALLEGHENY LAND & MINERAL COMPANY
LAND DEPARTMENT
 P. O. BOX 1740
 CLARKSBURG, WV 26301

Returned 9/6/83

24398

August 5 1983 69-87 515

PAY TO THE ORDER OF State of West Virginia \$ 350.00
Department of Mines - Oil & Gas Division

Three Hundred Fifty and 00/100 DOLLARS

THIS CHECK IS DELIVERED FOR PAYMENT ON THE FOLLOWING ACCOUNTS

Application fee for permit	
A-1231	

Lowndes Bank
 One Lowndes Square
 Clarksburg, West Virginia 26301

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

Well was fractured September 16, 1983

Perforations:

Riley 3655'-58'
3779'-84'
3822'-24'
First Elk 4939'-46'

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand	0	215	Check Gas @ 1720 No show
Sand & Shale	215	405	Check Gas @ 2166 No show
Sand	405	499	
Sand & Shale	499	575	Hole Damp @ 1655'
Sand	575	830	
Shale	830	845	
Red Rock	845	870	
Shale	870	930	
Red Rock	930	938	Check Gas @ 2891 No show
Sand	938		Check Gas @ 3142 No show
Little Lime	1000	1095	Check Gas @ 3512 No show
Red Rock	1095	1130	Check Gas @ 4053 No show
Red Sand	1130	1275	Check Gas @ 4241 No show
Big Lime	1380	1560	Check Gas @ 4869 No show
Injun	1560	1655	Check Gas @ 5120 No show
Brown Sand	1655	1726	
Red Rock	1726	1760	
Shale	1760	1900	
Red Rock	1900	2000	
Shale & Sand	2348	2360	
Shale	2361	3035	
Shale	3035	3260	
Sand & Shale	3260	3582	
Riley	3582	3713	
Benson	3713	3820	
Shale	3820	4882	
First Elk	4882	4890	
Sand & Shale	4890	5200 T.D.	

(Attach separate sheets as necessary)

ALAMCO, Inc.

Well Operator

By: Raymond A. Dues
Vice President Oil & Gas Operations

Date: 10/20/2023

10/20/2023

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

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

OIL & GAS DIVISION
 DEPT. OF MINES

Permit No. 083-0667 County Randolph
 Company ALAMCO, INC. District Middle Fork
 Inspector PHILLIP TRACY Farm Harry McMullan
 Date December 6, 1983 Well No. A-1231 Issued 1-7-83

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.	—	—
5.03	Adequate fresh water casing	—	—
15.02	Adequate coal casing	—	—
15.01	Adequate production casing	—	—
15.04	Adequate cement strength	—	—
23.02	Maintained access roads	—	—
25.01	Necessary equipment to prevent waste	—	—
23.03	Reclaimed drilling site	—	—
23.04	Reclaimed drilling pits	—	—
23.05	No surface or underground pollution	—	—
7.05	Identification markings	—	—

COMMENTS: _____

I have inspected the above well and have found it to be in compliance with the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia, and the well can be released from the permitted work.

SIGNED: Phillip Tracy 10/20/2023
 DATE: 7-6-84



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

July 23, 1984

ALAMCO, Inc.
P. O. Box 1740
Clarksburg, W. Va. 26301

In Re: PERMIT NO: 47-083-0667-REN. 1/83
FARM: Harry McMullan
WELL NO: A-1231
DISTRICT: Middle Fork
COUNTY Randolph

Gentlemen:

The FINAL INSPECTION REPORT for the above described well has been received in this office. Only the column check below applies:

_____ The well designated by the above permit number has been released under your Blanket Bond.

_____ Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours,

Theodore M. Streit, Administrator
Office of Oil & Gas-Dept. Mines

TMS/rl

10/20/2023

M.J. 5/13/82

3,300'

LATITUDE 38° 41' 30"
38° 50'

3,425'

LONGITUDE 80° 02' 30"

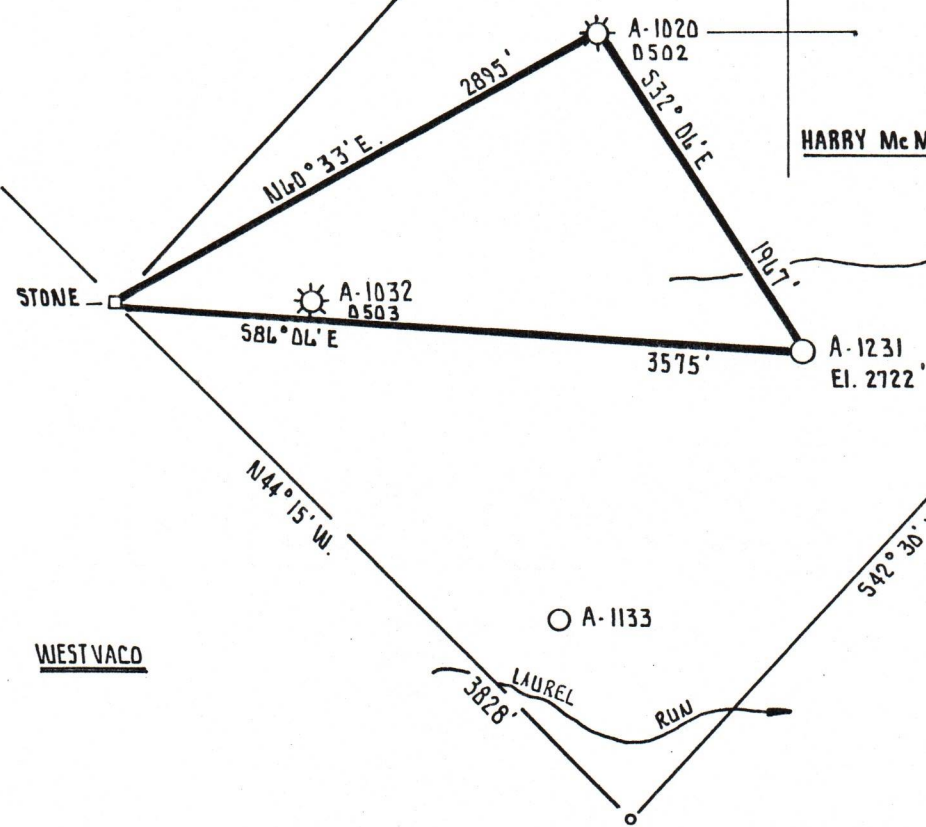
REBECCA A. ARNOLD, ET. AL.
950 Ac.

A-1011
0441

PROPOSED
A-1230

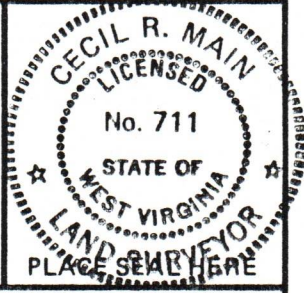
HARRY McMULLAN, JR. ESTATE, ET. AL.
1000 Ac.

NORTH



FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 PART IN 200
PROVEN SOURCE OF ELEVATION ALLEGHENY LAND and MINERAL CO. -- WELL # A-1020 ELEVATION 2920'

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 APRIL 2nd, 19 82
OPERATOR'S WELL NO. A-1231
API WELL NO. _____
47 - 083 - 0667 - Pen
STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 2722' WATER SHED MIDDLE FORK RIVER
DISTRICT MIDDLE FORK COUNTY RANDOLPH
QUADRANGLE CASSITY 7.5'
SURFACE OWNER WESTVACO, ET. AL. ACREAGE 1000 Ac.
OIL & GAS ROYALTY OWNER HARRY McMULLAN, JR. ESTATE, ET. AL. LEASE ACREAGE 1000 Ac. 10/20/2023
LEASE NO. _____
PROPOSED WORK: DRILL 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 5300'
WELL OPERATOR ALLEGHENY LAND and MINERAL CO. 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