



1) Date: June 22, 1983
 2) Operator's Well No. A-1379 (McMullan)
 3) API Well No. 47 - 083 - 0806
 State County Permit

DRILLING CONTRACTOR:
 Development Drilling, Inc.
 P. O. Drawer 1740
 Clarksburg, West Virginia 26301

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas XXX /
 B (If "Gas", Production / Underground storage / Deep / Shallow XXX /)
- 5) LOCATION: Elevation: 3011' Watershed: Light Run
 District: Middle Fork County: Randolph Quadrangle: Adolph 7.5'
- 6) WELL OPERATOR ALAMCO
 Address P. O. Drawer 1740
Clarksburg, WV 26301
- 7) OIL & GAS ROYALTY OWNER Harry McMullan
 Address P. O. Box 8
Washington, NC 27889
 Acreage 9.757
- 8) SURFACE OWNER Westvaco
 Address 203 Randolph Avenue
Elkins, West Virginia 26421
 Acreage 9.757
- 9) FIELD SALE (IF MADE) TO:
 Address Columbia Gas Transmission Corp.
P. O. Box 1273
Charleston, West Virginia 25325
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Stewart
 Address P. O. Box 345
Jane Lew, West Virginia 26378
- 11) DESIGNATED AGENT Daniel L. Wheeler
 Address P. O. Drawer 1740
Clarksburg, WV 26301
- 12) COAL OPERATOR n/a
 Address
- 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name Henry L. Davis Estate
 Address c/o First Pennsylvania Nat'l Bank
Tower Center Square
Philadelphia, Pennsylvania
 Name Harry McMullan, etal
 Address P. O. Box 8
Washington, NC 27889
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name n/a
 Address
- 15) PROPOSED WORK: Drill XXX / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, ELK
- 17) Estimated depth of completed well, 5350' feet
- 18) Approximate water strata depths: Fresh, feet; salt, 756' feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes XXX

RECEIVED
 JUL 11 1983

OIL & GAS DIVISION
 DEPT. OF MINES

20) 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'	235 sacks	Sizes <u>By Rule 15-05</u>
Intermediate									
Production	4-1/2"		J-55 10.50#	X		5350'	5350'	Req. by Rule	Depths set
Tubing								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: [Signature] Signed: Daniel L. Wheeler
 My Commission Expires February 14, 1989 Its: Vice President

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-083-0806 Date August 16, 19 83

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. 100 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 August 16, 1985 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u> </u>
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Michael Lewis
 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.

Date: _____, 19_____

By _____

Its _____



Date JUNE 2, 1983
Well No. A-1379
API No. 47-083-0806
State County Permit

State of West Virginia
Department of Mines
Oil and Gas Division

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 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 Halls Reclamation, Inc. (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections
and additions become a part of this plan. 6-4-83 (Date) J. Wheeler (SCD Agent)

ACCESS ROAD		LOCATION	
Structure <u>DRAINAGE DITCH</u>	(A)	Structure <u>DRAINAGE DITCH</u>	(1)
Spacing <u>EARTHEN</u>		Material <u>EARTHEN</u>	
Page Ref. Manual <u>2:12</u>		Page Ref. Manual <u>2:12</u>	
Structure <u>CULVERTS</u>	(B)	Structure <u>RIPRAP</u>	(2)
Spacing <u>16" I.D. (WHERE NEEDED)</u>		Material <u>ROCK</u>	
Page Ref. Manual <u>2:5</u>		Page Ref. Manual <u>N/A 1983</u>	
Structure <u>RIPRAP</u>	(C)	Structure _____	(3)
Spacing <u>ROCK</u>		Material _____	
Page Ref. Manual <u>N/A</u>		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 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

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* 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.

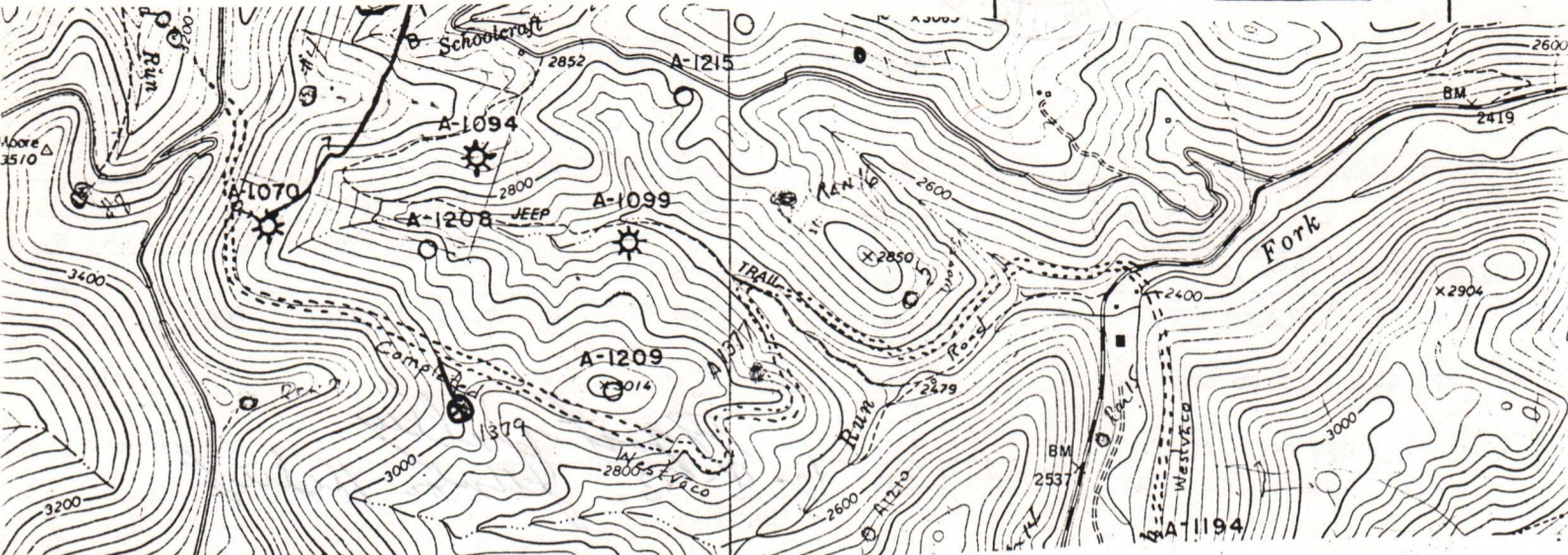
PLAN PREPARED BY Daniel L. Wheeler
ADDRESS P. O. Drawer 1740
Clarksburg, West Virginia 26301-1740
PHONE NO. 623-6671

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

LEGEND

Well Site ○

Access Road _____



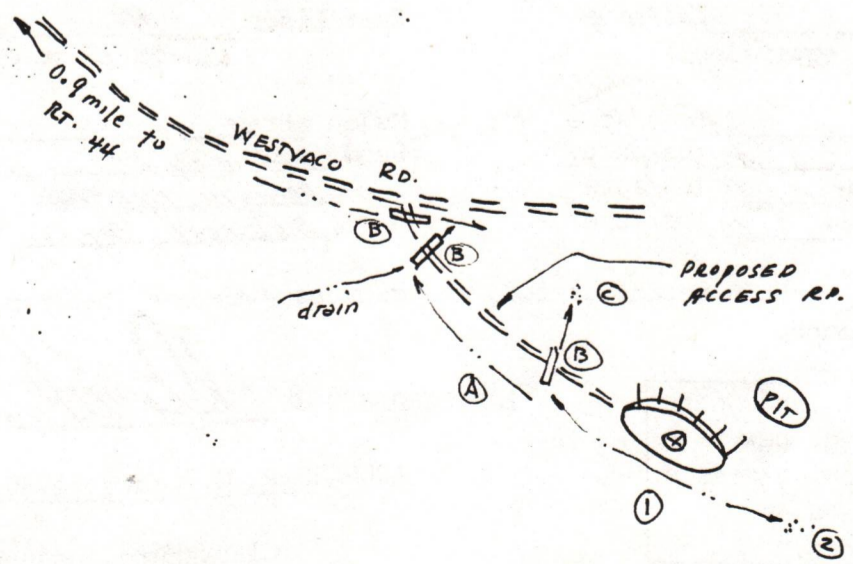
SKETCH TO INCLUDE well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary	—▲—▲—▲—▲—	Diversion	=====
Road	=====	Spring	○→
Existing fence	—x—x—	Wet Spot	♂
Planned fence	—/—/—	Building	■
Stream	~...~...~...~...~	Drain pipe	—○—→○—→
Open ditch	—→→→→→→→→→→	Waterway	←=====

COMMENTS:

Slope of access road 4 % -- 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. If revision is made, revised plan will be submitted.



1) Date: June 22, 19 83

2) Operator's Well No. A-1379

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 26421 (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 Heirs Address P. O. Box 8 Washington, NC 27889 Name Henry L. Davis, Estate Address First Pennsylvania Nat'l Bank Tower Center Square Philadelphia, Pa

5(iii) COAL LESSEE WITH DECLARATION ON RECORD: Name 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.

RECEIVED

JUN 28 1983

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.

[X] 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? Yes 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

this 22 day of June, 19 83. My commission expires 2-14, 19 84.

Notary Public, Harrison County, State of West Virginia

WELL OPERATOR ALAMCO

By Daniel L. Wheeler Its Daniel L. Wheeler, 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.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)
I N L I E U O F F I L I N G L E A S E (S) A N D O T H E R C O N T I N U I N G C O N T R A C T (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, etal unto Columbia Gas		1/8	B-284	P-408

Columbia Gas by virtue of a farmout agreement dated August 11, 1980.
(Agreement Not Recorded) unto Allegheny Land and Mineral Company (ALAMCO)

1) Date: June 22 1983
 2) Operator's Well No. A-1379 (McMullan)
 3) API Well No. 47 083 State County Permi:

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

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A. Oil ___ / Gas XX /
 B. (If "Gas", Production ___ / Underground storage ___ / Deep ___ / Shallow XX /
 5) LOCATION: Elevation: 3011' Watershed Light Run
 District: Middle Fork County: Randolph Quadrangle: Adolph 7.5'
 6) WELL OPERATOR ALAMCO
 Address P. O. Drawer 1740
Clarksburg, WV 26301
 7) DESIGNATED AGENT Daniel L. Wheeler
 Address P. O. Drawer 1740
Clarksburg, WV 26301
 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Stewart
 Address P. O. Box 345
Jane Lew, WV 26378
 9) DRILLING CONTRACTOR:
 Name Development Drilling
 Address P. O. Box 1740
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 (or actual depth of existing well), 5350' feet
 13) Approximate water strata depths: Fresh, ___ feet; salt, 756 feet.
 14) Approximate coal seam depths: none Is coal being mined in the area? Yes ___ / No XX
 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	Kinds
Fresh water	8 5/8"								
Coal	8 5/8"		20#	X		700'	700'	235 sacks	Sizes
Intermediate									
Production	4 1/2"		10.55#	X		5350'	5350'	Required by Rule 15.01	Depths set
Tubing									
Liners									Perforations: Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application (or less than 5 days if the Application is to plug a well), if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: ALAMCO

By Daniel L. Wheeler
Daniel L. Wheeler
 Its Vice President Date: June 22, 1983

 (Signature) Date: _____

 (Signature) Date: _____

INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) Permit will be good for 24 months. See Chapter 22, Article 4 of the W. Va. Code.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, WV 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be personally served or mailed to you on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. (This time is changed to FIVE (5) DAYS from the filing date if the permit is only to plug a well.) You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments should include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the Application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

P 349 335 381
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
STREET AND NO. *First Fb Nat'l Bank*
P.O. STATE AND ZIP CODE *First Center Square*
Philadelphia PA 19127

POSTAGE	\$
CERTIFIED FEE	¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
RETURN RECEIPT SERVICE	¢
OPTIONAL SERVICES	¢
CONSULT POSTMASTER FOR FEES	¢

TOTAL POSTAGE AND FEES \$ *26307*

POSTMARK OR DATE
CLARKSBURG, WV
JUN 24 1983

ALLEGHENY LAND AND MINERAL COMPANY

A-1379

P 349 335 391
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
STREET AND NO. *Abney McMullan,*
P.O. STATE AND ZIP CODE *P. O. Box 8*
Washington, North Carolina 27889

POSTAGE	\$
CERTIFIED FEE	¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
RETURN RECEIPT SERVICE	¢
OPTIONAL SERVICES	¢
CONSULT POSTMASTER FOR FEES	¢

TOTAL POSTAGE AND FEES \$ *26307*

POSTMARK OR DATE
CLARKSBURG, WV
JUN 24 1983

ALLEGHENY LAND AND MINERAL COMPANY

A-1379

RECEIVED
JUN 28 1983

**OIL & GAS DIVISION
DEPT. OF MINES**

No. 227468
RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO
STREET AND NO. *Will Vau*
P.O. STATE AND ZIP CODE *203 Randolph Avenue*
Elkins, West Virginia 26241
Samuel Lewis

POSTAGE	\$
CERTIFIED FEE	¢
SPECIAL DELIVERY	¢
RESTRICTED DELIVERY	¢
RETURN RECEIPT SERVICE	¢
OPTIONAL SERVICES	¢
CONSULT POSTMASTER FOR FEES	¢

TOTAL POSTAGE AND FEES \$ *26301*

POSTMARK OR DATE
CLARKSBURG, WV
JUN 24 1983

ALLEGHENY LAND AND MINERAL COMPANY

Lebe

A-1379



Date November 22, 1983
 Operator's
 Well No. A- 1379
 Farm McMullan
 API No. 47 - 083 - 0806

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES

OIL and GAS DIVISION

WELL OPERATOR'S REPORT
 OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

RECEIVED
 NOV 30 1983

WELL TYPE: OIL / GAS X / LIQUID INJECTION / WASTE DISPOSAL /
 (If "Gas", Production / Underground Storage / Deep / Shallow XX01) & GAS DIVISION

LOCATION: Elevation: 3011' Watershed Light Run
 District: Middle Fork County: Randolph Quadrangle: Adolph 7.5'

DEPT. OF MINES

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 26241

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 26378

PERMIT ISSUED August 16, 1983

DRILLING COMMENCED September 12, 1983

DRILLING COMPLETED September 17, 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"	1009'	1009'	to surface
7"			
5 1/2"			
4 1/2"	5060'	5060'	w/91 saks 460'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMAION Elk DEPTH 5350' FEET

Depth of completed well 5311' feet Rotary XX / Cable Tools
 Water Strata depth: Fresh 1319' feet Salt feet
 Coal seam depth: N/R Is coal being mined in this area?

OPEN FLOW DATA

Producing formation Elk Pay zone depth (see back) feet
 Gas: Initial open flow 47.13 Mcf/d Oil: Initial open flow Bbl/d
 Final open flow 959 Mcf/d Final open flow Bbl/d
 Time of open flow between initial and final tests 2 hours
 Static rock pressure 1500 psig (surface measurement after 53 hours shut-in
 (If applicable due to multiple completion--))
 Second producing formaiton Pay zone dpeth 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)

Randolph 806

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

Well was fractured Perforations: September 23, 1983

First Elk 4934'-47'

RECEIVED
 NOV 30 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

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	15	
Sand	15	175	
Sand & Shale	175	220	
Sand	220	227	Hole Damp @ 1319'
Shale	227	240	
Sand & Shale	313	373	Check Gas @ 1383 No show
Sand	373	458	Check Gas @ 1476 No show
Sand & Shale	484	553	Check Gas @ 1571 No show
Sand	553	776	Check Gas @ 1665 No show
Red Rock	776	800	
Sand & Shale	800	810	Check Gas @ 2043 No show
Shale	810	822	Check Gas @ 2200 No show
Sand	822	873	Check Gas @ 2200 110.56 MCF/D
Red Rock	873	993	Check Gas @ 2420 99.99 MCF/D
Sand & Shale	993	1047	Check Gas @ 2698 57.73 MCF/D
Red Rock	1047	1235	Check Gas @ 2857 57.73 MCF/D
Little Lime	1235	1250	Check Gas @ 2951 53.73 MCF/D
Big Lime	1250	1555	Check Gas @ 3202 51.63 MCF/D
Injun	1555	1710	Check Gas @ 3896 57.73 MCF/D
Sand & Shale	1710	2090	Check Gas @ 4745 64.96 MCF/D
Fourth Sand	2090	2225	
Fifth Sand	2215	2393	Check Gas @ 4990 47.13 MCF/D
Sand & Shale	2393	2575	
Speechley	2575	2630	
Sand & Shale	2630	2853	
Balltown	2853	2995	
Benson	3780	3796	
Shale	3796	4930	
First Elk	4930	4990	
Second Elk	4990	5000	
Sand & Shale	5000	5311 T.D.	

(Attach separate sheets as necessary)

ALAMCO, Inc.

Well Operator

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

Date: 11/29/83

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."

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

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

Permit No. 083-0806 County Randolph
Company ALAMCO, INC. District Middle Fork
Inspector PHILLIP TRACY Farm Harry McMullan
Date December 6, 1983 Well No. A-1379 Issued 8-16-83

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
DATE: 11-20-84



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

WALTER N. MILLER
 DIRECTOR

THEODORE M. STREIT
 ADMINISTRATOR

January 10, 1985

Alamco, Inc.
 P. O. Drawer 1740
 Clarksburg, WV 26301

In Re: PERMIT NO: 47-083-0806
 FARM: Harry McMullan
 WELL NO: A-1379
 DISTRICT: Middle Fork
 COUNTY: Randolph
 ISSUED: 8-16-83

Gentlemen:

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

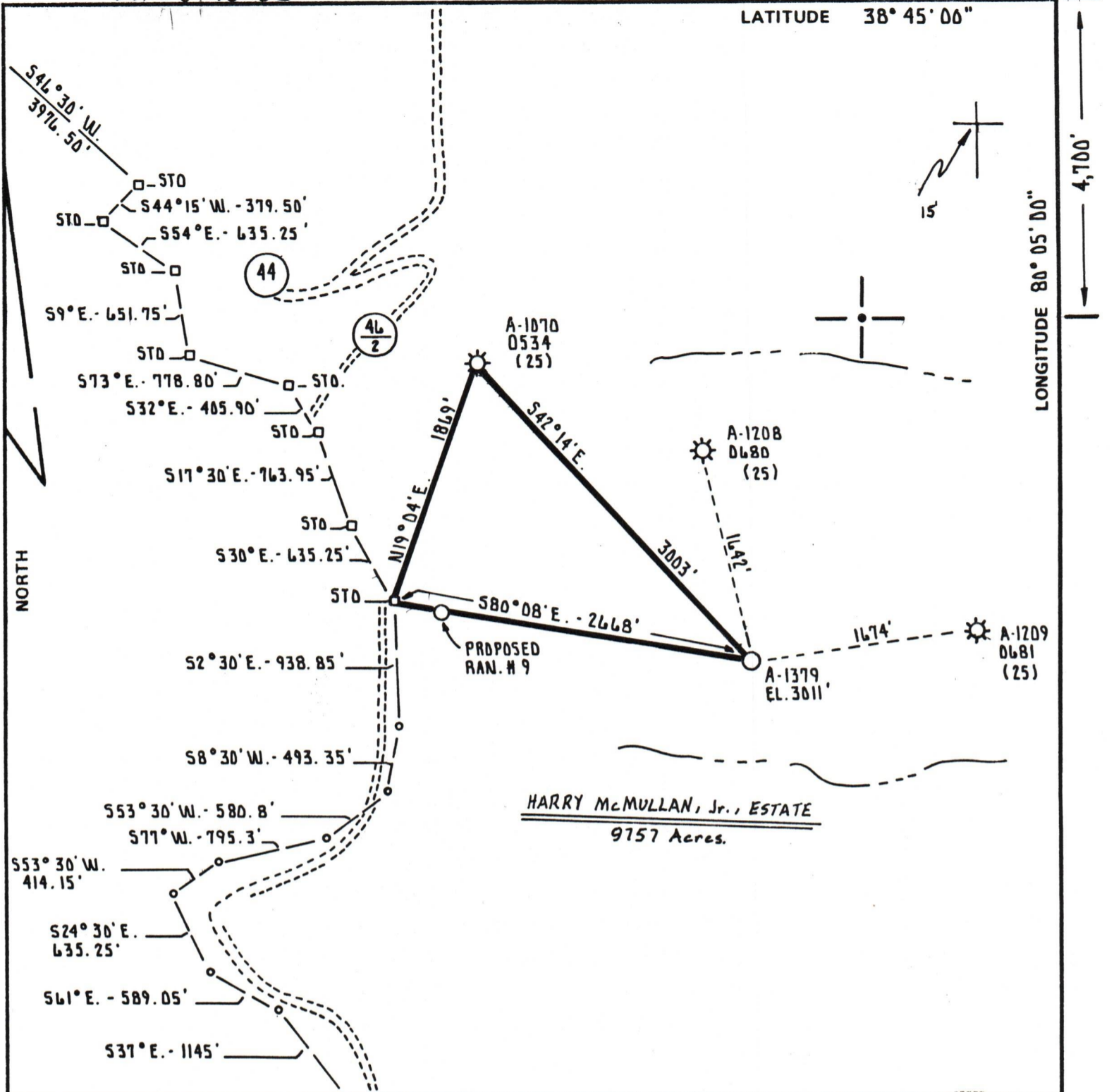
The well designated by the above permit number has been released under your Blanket Bond.

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.

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.

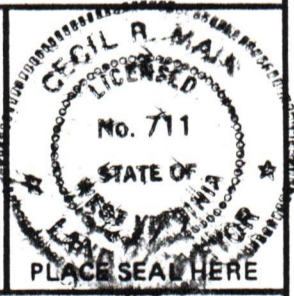
Very truly yours,

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



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-1209 ELEV. 3005'

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 JUNE 3rd, 19 83
 OPERATOR'S WELL NO. A-1379
 API WELL NO. _____
47 - D83 - 0806
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 3011' WATER SHED LIGHT RUN
 DISTRICT MIDDLE FORK COUNTY RANDOLPH
 QUADRANGLE ADDLPH 7.5'
 SURFACE OWNER WESTVACO ACREAGE 9157 Ac.
 OIL & GAS ROYALTY OWNER HARRY McMULLAN, JR. ESTATE LEASE ACREAGE 9157 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 5,350'
 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

RAND. 0806