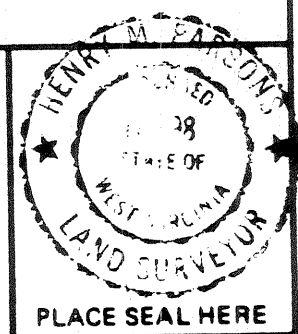


FILE NO. 80-5749-0
 DRAWING NO. 80-5749-0
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION B.M. 1106 AT VILLAGE OF WEST ON WILEYVILLE TOP

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) Henry M. Parsons
 R.P.E. _____ L.L.S. 98



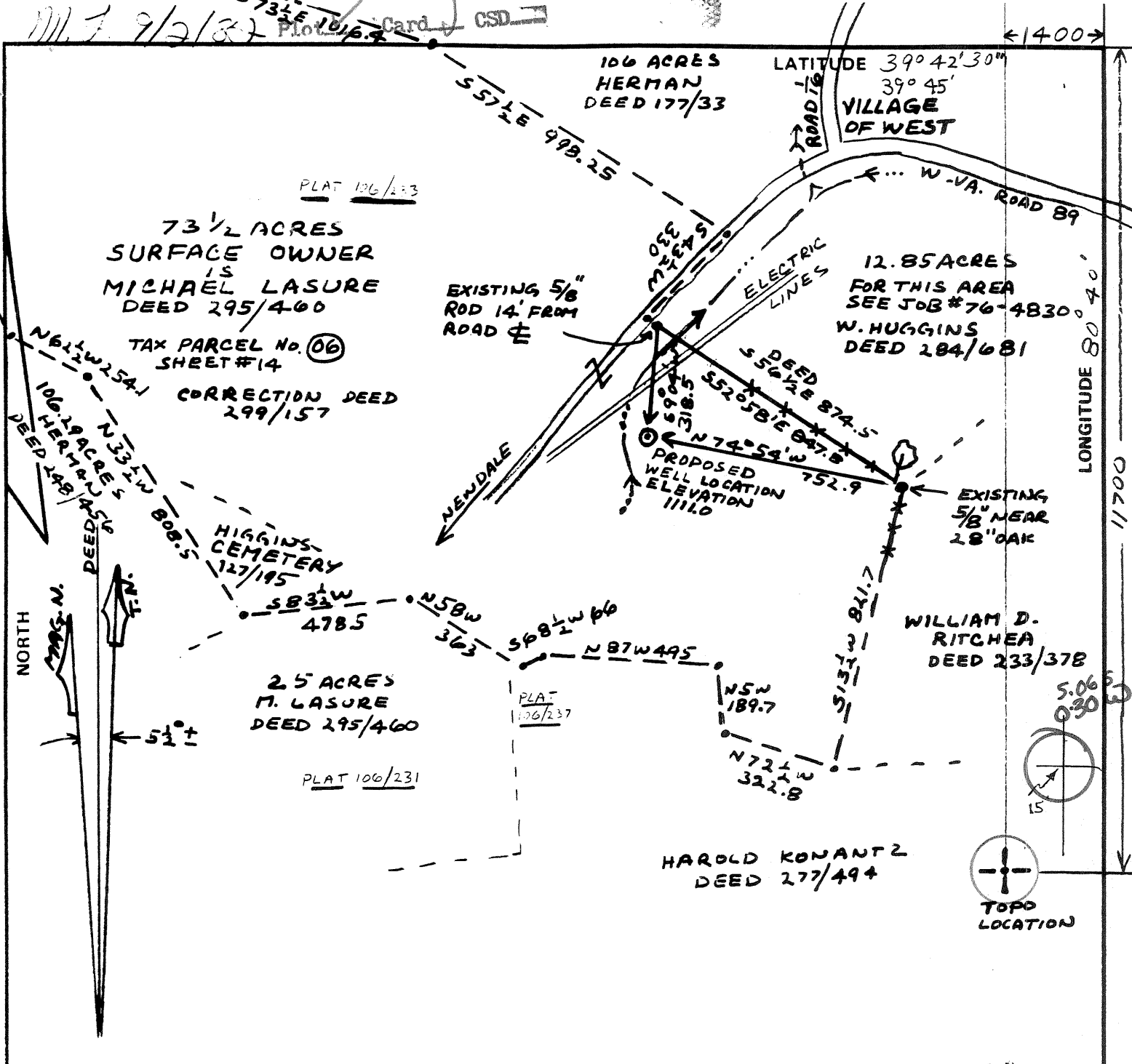
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE JUNE 23, 1982
 OPERATOR'S WELL NO. LASURE 41
 API WELL NO. 47-103-1285
 STATE COUNTY PERMIT
CANCELLED
 Formerly Wet-1265

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1111 WATER SHED HEAD WATERS OF MIDDLE FORK OF LYNN CAMP RUN
 DISTRICT PROCTOR COUNTY WETZEL
 QUADRANGLE WILEYVILLE 7.5 min.
 SURFACE OWNER MICHAEL LASURE ACREAGE 73 1/2
 OIL & GAS ROYALTY OWNER Ray C. & Dail A. Herman LEASE ACREAGE 73 1/2
 LEASE NO. 507
 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 WARREN ESTIMATED DEPTH 4400'
 WELL OPERATOR Hedden and Brooks Inc. DESIGNATED AGENT Henry Parsons
 ADDRESS 905 Washington Rd. Box 714 ADDRESS 121 Glenview Drive
Washington, Pa. 15301-1153 New Martinsville W. Va. 26155



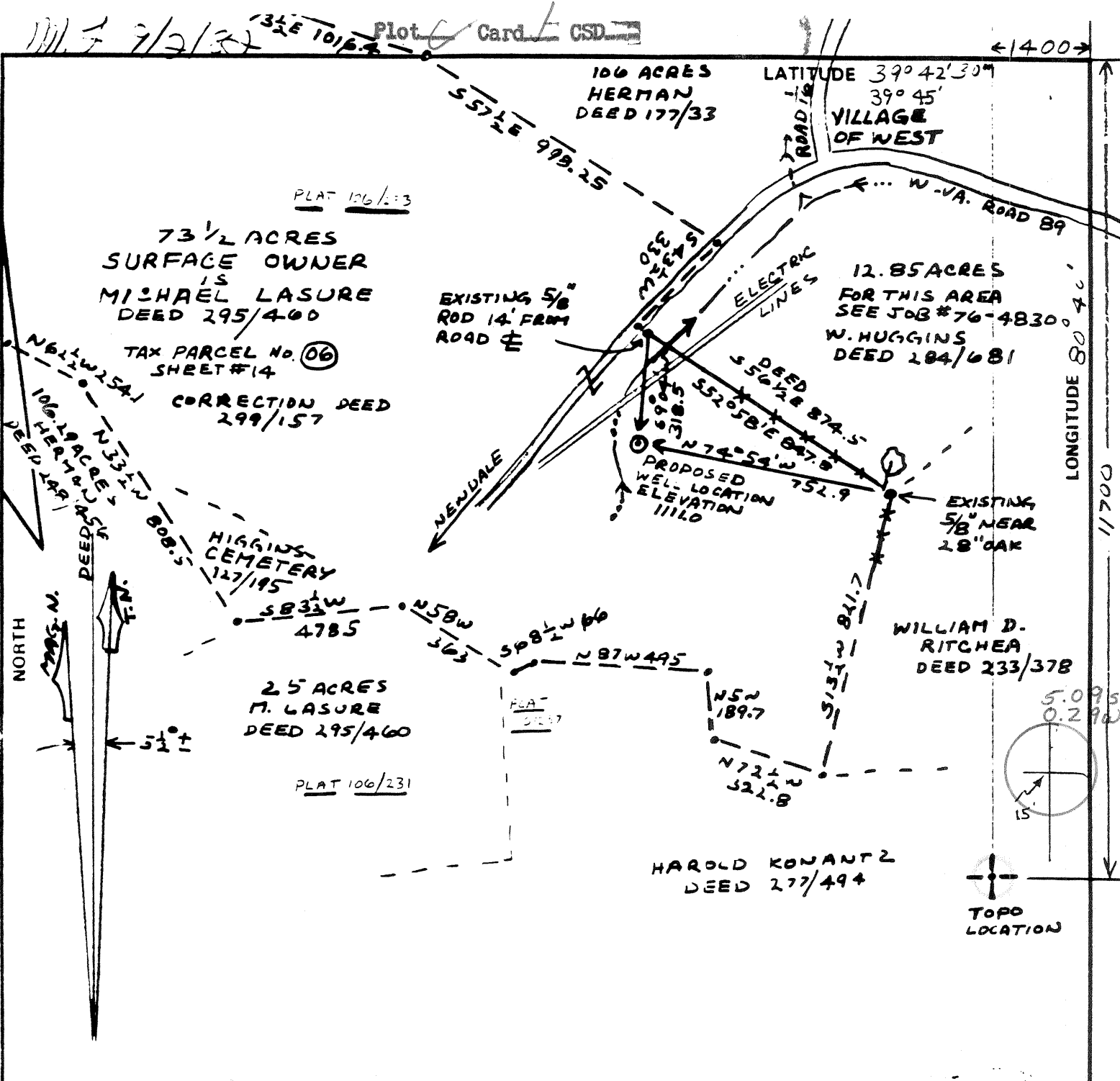
FILE NO. 80-5749-0
 DRAWING NO. 80-5749-0
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION B.M. 1106 AT VILLAGE OF WEST ON WILEYVILLE TOP

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) Henry M. Parsons
 R.P.E. _____ L.L.S. 98



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)
 WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1111 WATER SHED HEAD WATERS OF MIDDLE FORK OF LYNN CAMP RUN
 DISTRICT PROCTOR COUNTY WETZEL
 QUADRANGLE WILEYVILLE 7.5 min. Littleton 15' NW
 SURFACE OWNER MICHAEL LASURE ACREAGE 73 1/2
 OIL & GAS ROYALTY OWNER Ray C. & Dail A. Herman LEASE ACREAGE 73 1/2
 LEASE NO. 587
 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 WARREN ESTIMATED DEPTH 4400'
 WELL OPERATOR Hedden and Brooks Inc. DESIGNATED AGENT Henry Parsons
 ADDRESS 905 Washington Rd. Box 714 Washington, Pa. 15301-1153 ADDRESS 121 Glenview Drive New Martinsville Wva 26155

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 DATE JUNE 23 1982
 OPERATOR'S WELL NO. LASURE #1
 API WELL NO. _____
47 - 103 - 1285
 STATE COUNTY PERMIT
 Formerly Wet-1265
 JUN 13 1983
 JUN 13 1983



FILE NO 80-5749-0
 DRAWING NO 80-5749-0
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION B.M. 1106 AT VILLAGE OF WEST ON WILEYVILLE TOPO

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) Henry M. Parsons
 R.P.E. _____ L.L.S. 98

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

DATE JUNE 23 1982
 OPERATOR'S WELL NO. LASURE #1
 API WELL NO. 47-103-1265
 STATE COUNTY PERMIT now 1245

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION ELEVATION 1111 WATER SHED HEAD WATERS OF MIDDLE FORK OF LYNN CAMP RUN
 DISTRICT PROCTOR COUNTY WETZEL
 QUADRANGLE WILEYVILLE 7.5 min. Littleton 15' NW
 SURFACE OWNER MICHAEL LASURE ACREAGE 73 1/2
 OIL & GAS ROYALTY OWNER Ray C & Dail A Herman LEASE ACREAGE 73 1/2
 LEASE NO. 587

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 WARREN ESTIMATED DEPTH 4400'
 WELL OPERATOR Inverness Petroleum, Inc. DESIGNATED AGENT Otis L. C' Connor
 ADDRESS 140500-4 Ave. S.W. Calgary Alberta ADDRESS PC Box 1588, Charleston, WV 25326
Canada T2 2V6

NOV 8 1982

(Obverse)

(Revised 3-81)



Farm Lasure
API # 47-103-1265
Date _____

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X /

(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /

LOCATION: Elevation: 1111.0' Watershed: Headwaters of Middle Fork of Lynn Camp Run
District: Proctor County: Wetzel Quadrangle: Wileyville 7.5 min.

WELL OPERATOR Inverness Petroleum, Inc.
Address Suite 1410, 500 4th Ave., SW
Calgary, Alberta, Canada T2P 2V6

DESIGNATED AGENT Otis L. O'Connor
Address P. O. Box 1588
Charleston, WV 25326

OIL AND GAS ROYALTY OWNER Ray C. Herman & Dail A. Herman
Address Doolin Route, Box 116
New Martinsville, WV 26155
Acreage 76

COAL OPERATOR Atlantic Richfield Company
c/o Anaconda Minerals Corp.
Address 1616 Glenarm Place
Security Life Building
Denver, CO 80202

SURFACE OWNER Michael Lasure & Velva Lasure
Address Beber Road
New Martinsville, WV 26155
Acreage 76

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME Atlantic Richfield Company
Address same as above

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

NAME _____
Address _____
RECEIVED
AUG 10 1982

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Robert A. Lowther
Address General Delivery
Middlebourne, WV 26149
Telephone 304-758-4764

COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

The lease or leases on which this well is located provide for standard 1/8th royalty and not a flat royalty.

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease X / other contract ___ / dated July 8, 1980, to the undersigned well operator from Ray C. Herman and Dail A. Herman.

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

Recorded on July 31, 1980, in the office of the Clerk of County Commission of Wetzel County, West Virginia, in 60A Book at page 143. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper ___ / Redrill ___ / Fracture or stimulate X / 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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this 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 ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

INVERNESS PETROLEUM INC.
Well Operator
By: _____
Its: Vice-President

BLANKET BOND

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION Warren

Estimated depth of completed well 4400 feet. Rotary / Cable tools /
Approximate water strata depths: Fresh, N/A feet; salt, 2400 feet.
Approximate coal seam depths: 1400'
Is coal being mined in this area: Yes / No /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drilling	Left in Well		
Conductor	11 3/4"					60'	60'	35 sacks	Kinds
Fresh water									
Coal									Sizes
Intermed.	8 5/8"					1450'	1450'	400 sacks	
Production Tubing	4 1/2"					4400'	4400'	440 sacks or as required	Depths set
Liners								by rule 15.	Perforations: 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 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.

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.

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 6-27-83,
BY Fred Bumpelle

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:

W A I V E R

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 regularions.

Date: _____, 19____.
By: _____
Its: _____



1) Date: _____, 19____
 2) Operator's Well No. #1
 3) API Well No. 47 103 1285
 State _____ County _____ Permit _____

DRILLING CONTRACTOR:
Not yet known

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil X / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1111.0' Watershed: Headwaters of Middle Fork of Lynn Camp Run
 District: Proctor County: Netzel Quadrangle: Wileyville 7.5
- 6) WELL OPERATOR Haddad & Brooks, Inc. 11) DESIGNATED AGENT Henry M. Parsons
 Address 905 Washington Rd., P.O. Box #14 Address 121 Glenview Drive
Washington, PA 15301-1153 New Martinsville, WV 26155
- 7) OIL & GAS ROYALTY OWNER Max C. Herman & Darl A. Herman 12) COAL OPERATOR Atlantic Richfield Company
 Address Doolin Route, Box 116 Address c/o Anacosta Minerals Corp.
New Martinsville, WV 26155 1616 Glenarm Place
Security Life Bldg., Denver, CO
- 8) SURFACE OWNER Michael Lasure & Velva Lasure 13) COAL OWNER(S) WITH DECLARATION ON RECORD: 80202
 Address Heber Road Name Atlantic Richfield Co.
New Martinsville, WV 26155 Address Same as above
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert A. Lowther 304-758-4764
 Address General Delivery
Middlebourne, WV 26149
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name _____
 Address _____
- 15) PROPOSED WORK: Drill X / Drill deeper _____ / Redrill _____ / Fracture or stimulate X /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Warren
- 17) Estimated depth of completed well, 4400' feet
- 18) Approximate water strata depths: Fresh, N/A feet; salt, 2400' feet.
- 19) Approximate coal seam depths: 1400' Is coal being mined in the area? Yes _____ / No X /

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	<u>11 3/4"</u>					<u>60'</u>	<u>60'</u>	<u>35 sacks</u>	Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8"</u>					<u>1450'</u>	<u>1450'</u>	<u>400 sacks</u>	
Production	<u>4 1/2"</u>					<u>4400'</u>	<u>4400'</u>	<u>440 sacks or as required</u>	Depths set
Tubing								<u>by Rule 15,</u>	
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: _____
 My Commission Expires 12-31-1983

Signed: _____
 Its: Executive Vice President

OFFICE USE ONLY
 DRILLING PERMIT

Permit number _____ 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. 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 _____ unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee

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 _____