

FILE NO. _____
 DRAWING NO. _____
 SCALE **1"=500'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **RD. INT. ELEV. 1304'**

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) *William R. Shosor*
 R.P.E. _____ L.L.S. **551**

PLACE SEAL HERE

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



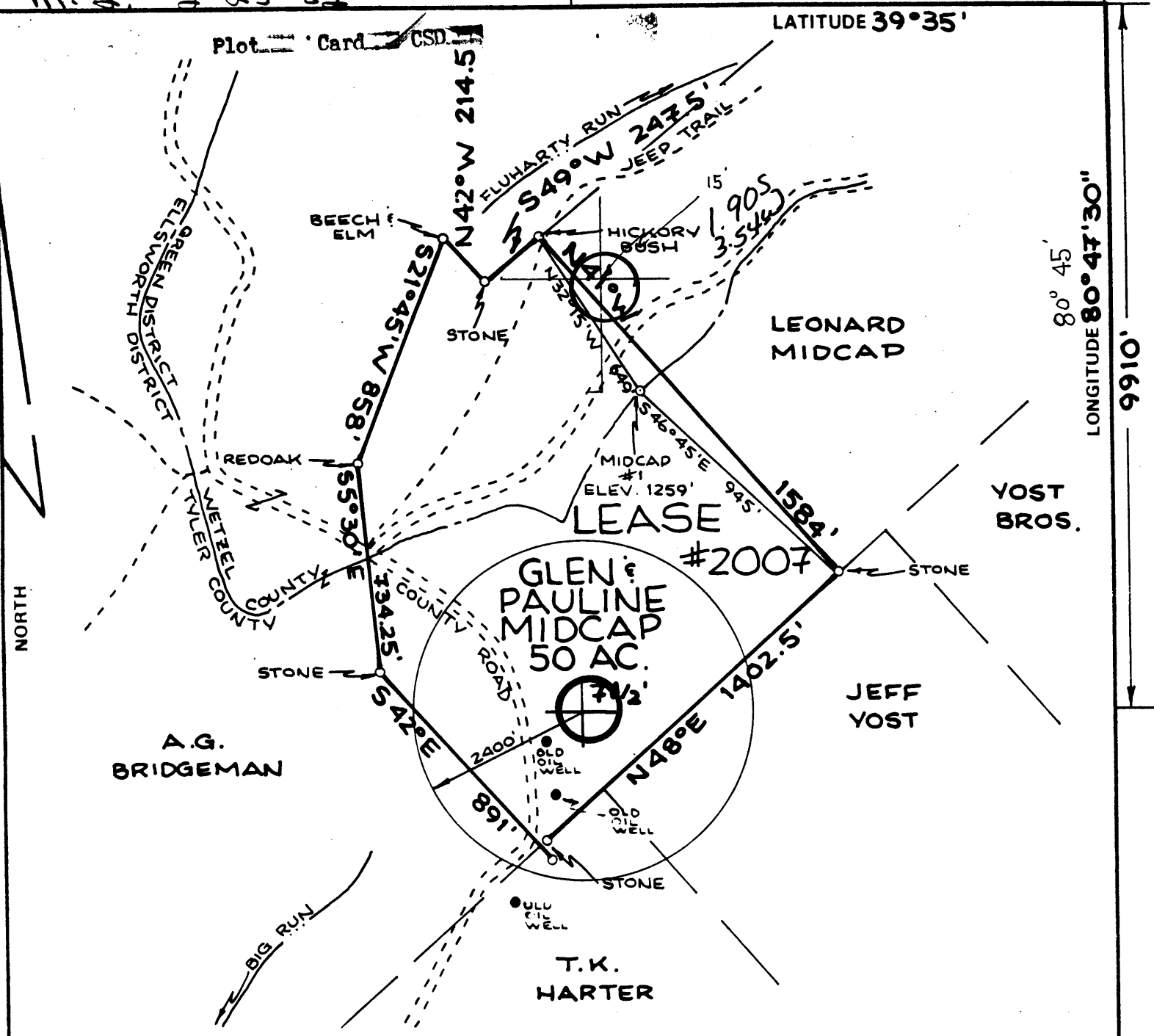
DATE **10 FEBRUARY**, 19 **82**
 OPERATOR'S WELL NO. **MIDCAP #1**
 API WELL NO. **47-095-0984**
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

CANCELLED
 NOV 6 1982

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION **1259'** WATER SHED **LEFT FORK-BIG RUN/FLUHARTY RUN**
 DISTRICT **ELLSWORTH COUNTY TYLER**
 QUADRANGLE **PORTERS FALLS New Martinsville 15' SE**
 SURFACE OWNER **GLEN & PAULINE MIDCAP** ACREAGE **50**
 OIL & GAS ROYALTY OWNER **GLEN & PAULINE MIDCAP** LEASE ACREAGE **50**
 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 **MIDDLE DEVONIAN SHALES** ESTIMATED DEPTH **5999'**
 WELL OPERATOR **LAUDERMAN OIL & GAS** DESIGNATED AGENT **PHILLIP MORGAN**
 ADDRESS **311 SOUTH 4TH AVENUE** ADDRESS **311 SOUTH 4TH AVENUE**
PADEN CITY, W.VA. 26159 **PADEN CITY, W.VA. 26159**



FILE NO. _____
 DRAWING NO. _____
 SCALE **1"=500'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **RD. INT. ELEV. 1304'**

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) *William R. Mossoe*
 R.P.E. _____ L.L.S. **551**

PLACE SEAL HERE

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



DATE **10 FEBRUARY**, 19 **82**
 OPERATOR'S WELL NO. **MIDCAP #1**
 API WELL NO. _____
47 - 095 - 0984
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION **1259'** WATER SHED **LEFT FORK-BIG RUN / FLUHARTY RUN**
 DISTRICT **ELLSWORTH COUNTY TYLER**
 QUADRANGLE **PORTERS FALLS new Martinsville 15' SE**
 SURFACE OWNER **GLEN & PAULINE MIDCAP** ACREAGE **50**
 OIL & GAS ROYALTY OWNER **GLEN & PAULINE MIDCAP** LEASE ACREAGE **50**
 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 **MIDDLE DEVONIAN SHALES** ESTIMATED DEPTH **5999'**
 WELL OPERATOR **LAUDERMAN OIL & GAS** DESIGNATED AGENT **PHILLIP MORGAN** MAR 18 1982
 ADDRESS **311 SOUTH 4TH AVENUE** ADDRESS **311 SOUTH 4TH AVENUE**
PADEN CITY, W.VA. 26159 **PADEN CITY, W.VA. 26159**

(Obverse)
(Revised 3-81)

RECEIVED
FEB 23 1982



Farm GLEN & PAULINE MIDCAP
API # 47-095-0984
Date 2/19/82

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES
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 X / Shallow ___)

LOCATION: Elevation: 1259' Watershed: LEFT FORK-BIG RUN/FLEHARTY RUN
District: ELLSWORTH County: Tyler (TAXED IN TYLER COUNTY) Quadrangle: PORTERS FALLS 7 1/2

WELL OPERATOR LAUDERMAN OIL & GAS DRILLING DESIGNATED AGENT PHILLIP MOREAN
Address P.O. BOX 266 Address JAME
PADEN CITY, W.VA. 26159

OIL AND GAS ROYALTY OWNER GLEN & PAULINE MIDCAP COAL OPERATOR N/A
Address Box 704 Address _____
SHORT CREEK, W.VA. 26058
Acreage 50

SURFACE OWNER JAME AS ABOVE COAL OWNER(S) WITH DECLARATION ON RECORD:
Address _____ NAME N/A
Address _____

Acreage 50 NAME N/A
Address _____

FIELD SALE (IF MADE) TO:
NAME N/A
Address _____
COAL LESSEE WITH DECLARATION ON RECORD:
NAME N/A
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Robert A. Lowther
Address: General Delivery
Middlebourne, W.Va. 26149
Telepl: PH: 758-4764

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 MAY 15, 1981, to the undersigned well operator from X GLEN & PAULINE MIDCAP.

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

Recorded on MAY 28, 1981, in the office of the Clerk of County Commission of TYLER County, West Virginia, in 229 Book at page 491. 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

BLANKET BOND LAUDERMAN OIL & GAS DRILLING
Well Operator
By: Phillip Morean
Its: Agent

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) OVERJOHN CORP.

Address RT. 3 Box 2

ST. MARYS, W.VA. 26170

GEOLOGICAL TARGET FORMATION MIDDLE DEVONIAN SHALE

Estimated depth of completed well 5999 feet. Rotary X Cable tools 1

Approximate water strata depths: Fresh, 310 feet; salt, 1700 feet.

Approximate coal seam depths: N/A

Is coal being mined in this area: Yes 1 No X

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 Drill-ling	Left in Well		
Conductor									Kinds
Fresh water	<u>8 5/8"</u>	<u>ERW</u>	<u>20</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>0600</u>	<u>FOR MID ROTARY</u>		<u>CTS</u>
Coal						<u>1350'</u>	<u>FOR AIR ROTARY</u>		Sizes
Intermed.									
Production Tubing	<u>4 1/2"</u>	<u>CW</u>	<u>10.5</u>	<input checked="" type="checkbox"/>			<u>CEMENTED FROM T.O. TO APPX. 1200 FT. FROM SURFACE</u>		Depths set
Liners									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 10-26-82

BY [Signature]

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: _____