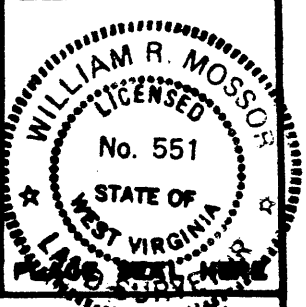


Richard W. Warner  
307 ac.

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION Road Int. 616'

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. Mosser  
R.P.E. \_\_\_\_\_ L.L.S. 551



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



DATE 3 Feb. 1981  
OPERATOR'S WELL NO H-1220  
API WELL NO. 47-107-1142  
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

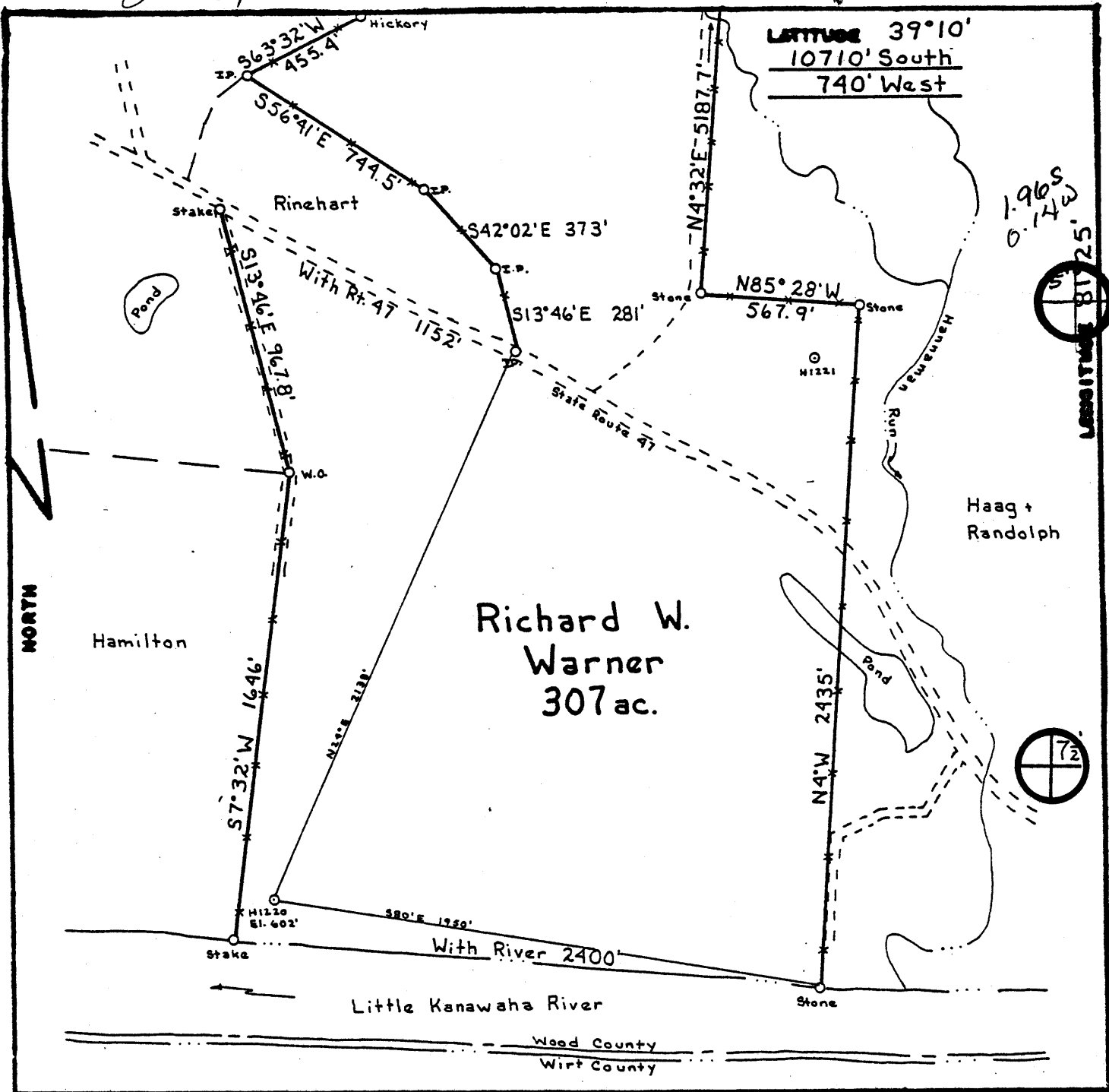
**CANCELLED**

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
( IF "GAS", PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW  )  
LOCATION: ELEVATION 602' WATER SHED Little Kanawaha River  
DISTRICT Clay COUNTY Wood  
QUADRANGLE Kanawaha, W. Va. 7 1/2' Quad. E2 15'  
SURFACE OWNER Richard W. + Sharon S. Warner ACREAGE 307  
OIL & GAS ROYALTY OWNER Richard W. + Sharon S. Warner LEASE ACREAGE 307  
LEASE NO. \_\_\_\_\_  
PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUS OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
PLUS AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
TARGET FORMATION Devonian Shale ESTIMATED DEPTH 4500'  
WELL OPERATOR Haught, Inc. DESIGNATED AGENT Warren Haught  
ADDRESS Smithville, W. Va. 26178 ADDRESS Smithville, W. Va. 26178

1981

APR 2

Ch 2/17

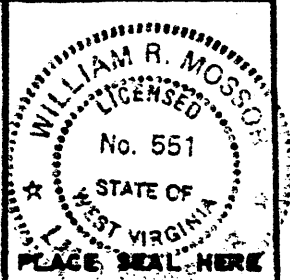


1.965  
0.142  
LESS THAN 81.25'



FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION Road Int. 606'

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. Moss*  
R.P.E. \_\_\_\_\_ L.L.S. 551



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



DATE 3 Feb. 1981  
OPERATOR'S WELL NO H-1220  
API WELL NO. 47-107-1142  
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 602' WATER SHED Little Kanawaha River  
DISTRICT Clay COUNTY Wood  
QUADRANGLE Kanawaha, W. Va. 7 1/2' Quad. Elizabeth WC  
SURFACE OWNER Richard W. + Sharon S. Warner ACREAGE 307  
OIL & GAS ROYALTY OWNER Richard W. + Sharon S. Warner LEASE ACREAGE 307  
LEASE NO. \_\_\_\_\_  
PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUS OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
PLUS AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
TARGET FORMATION Devonian Shale ESTIMATED DEPTH 4500'  
WELL OPERATOR Haught, Inc. DESIGNATED AGENT Warren Haught  
ADDRESS Smithville, W. Va. 26178 ADDRESS Smithville, W. Va. 26178

Operator's Well No. H-1220  
APE Well No. 107 - 1142  
State County Permit

[01-76]

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X /  
 (If "Gas", Production X / Underground storage \_\_\_\_\_ Deep \_\_\_\_\_  
 LOCATION: Elevation: 602' Watershed: Little Kanawha River  
 District: Clay County: Wood Quadrangle: Kanawha V. 71'

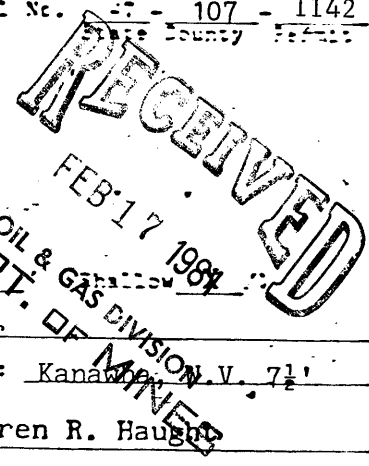
WELL OPERATOR Haught, Inc. DESIGNATED AGENT Warren R. Haught  
 Address Route 3, Box 14 Address Smithville, WV 26178  
Smithville, WV 26178

OIL & GAS ROYALTY OWNER Richard & Sharon Warner COAL OPERATOR None  
 Address P.O. Box 1783 Address \_\_\_\_\_  
Parkersburg, WV 26101

Acres 307 COAL OWNER(S) WITH DECLARATION ON RECORD:  
 SURFACE OWNER Richard & Sharon Warner Name \_\_\_\_\_  
 Address P.O. Box 1783 Address \_\_\_\_\_  
Parkersburg, WV 26101 Name \_\_\_\_\_  
 Acres 307 Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
 Name Cabot Corporation Address \_\_\_\_\_  
 Address P.O. Box 1473 COAL LESSEE WITH DECLARATION ON RECORD:  
Charleston, WV 25325 Name None  
 Address \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name K Paul Goodnight Address \_\_\_\_\_  
 Address Smithville, WV 26178



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 November 15, 1980, to the undersigned well operator from Richard & Sharon Warner

[If said deed, lease, or other contract has been recorded:]  
 Recorded on December 8, 1980, in the office of the Clerk of the County Commission of Wood County, West Virginia, in \_\_\_\_\_ Book 748 at page 75. A permit is requested as follows:

PROPOSED WORK: Drill X / 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  
 1615 WASHINGTON STREET EAST  
 CHARLESTON, WV 25311  
 TELEPHONE: (304) 342-3092

Haught, Inc.  
 Well Operator  
 By Warren R. Haught  
 President

BLANKET BOND

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Haight, Inc.  
Address Smithville, WV 26178

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 4500' feet Rotary  Cable tools   
Approximate water strata depths: Fresh, 75 feet; salt,        feet.  
Approximate coal seam depths: None Is coal being mined in the area? Yes  No

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		
Conductor								Kinds
Fresh water	B 5/8	K-55	20#	X		200'	200'	<del>75 X 55 X 55 X</del> Cement to Surface
Coal								Sizes
Intermediate								
Production	4 1/2	J-55	10.5#	X			4500'	100 sacks Depths set
Perforations								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 pict 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-3, "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 § 22-4-3c from the owner of any water well or drilling 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, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 10-20-81.

*[Signature]*  
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a Reclamation 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 regulations.

Date:       , 19      

By         
Its