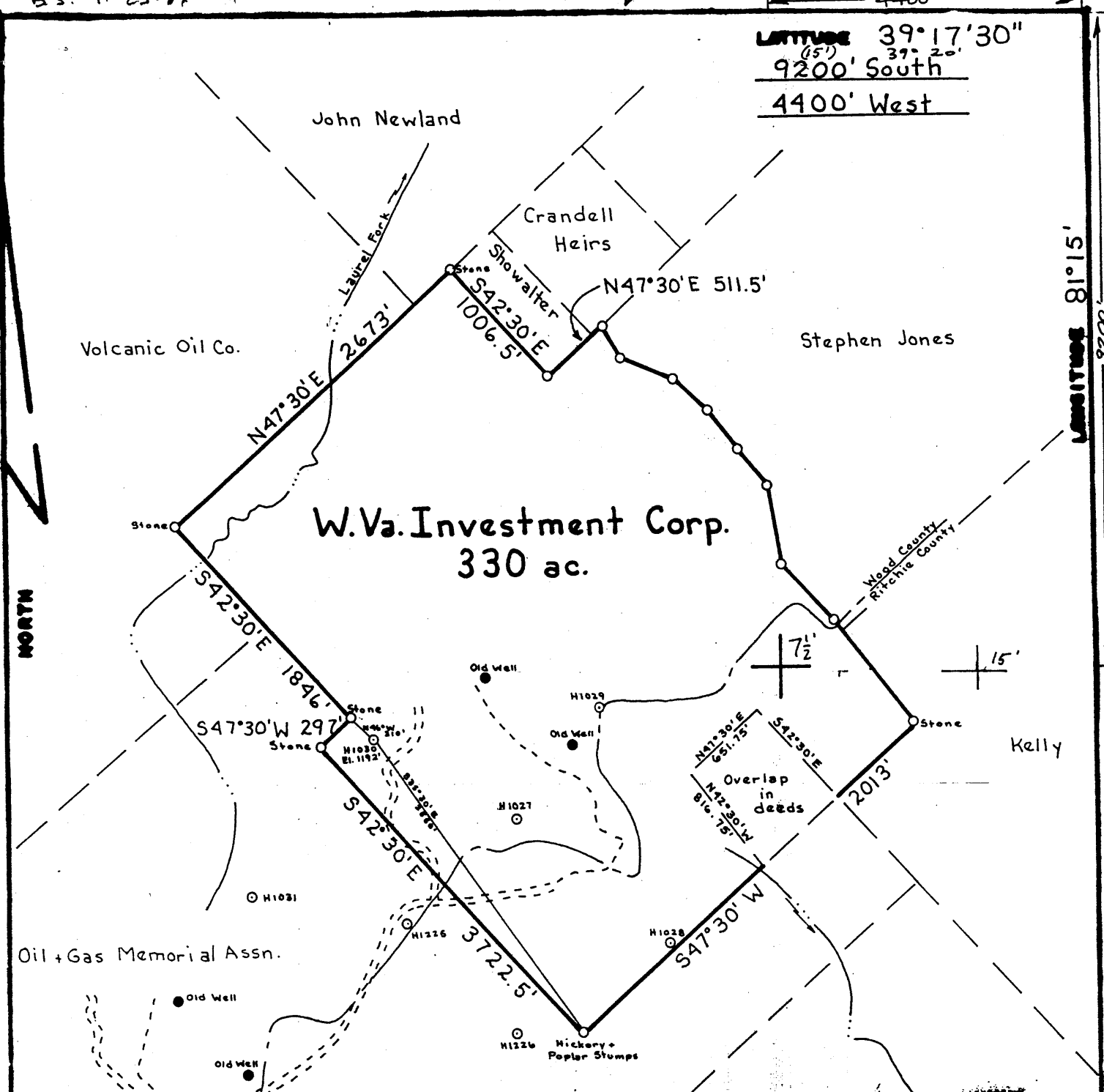


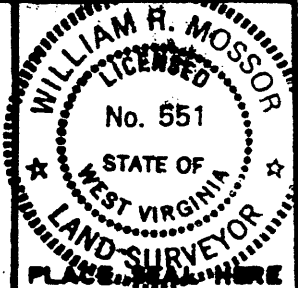
4400'
LATITUDE 39°17'30"
9200' South
4400' West



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION Road Int. 1223'

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. Mossor*
 R.P.E. _____ L.L.S. 551



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



DATE 30 Jan. 1981
 OPERATOR'S WELL NO H-1030
 API WELL NO. 47-107-1190 P
 STATE COUNTY PERMIT

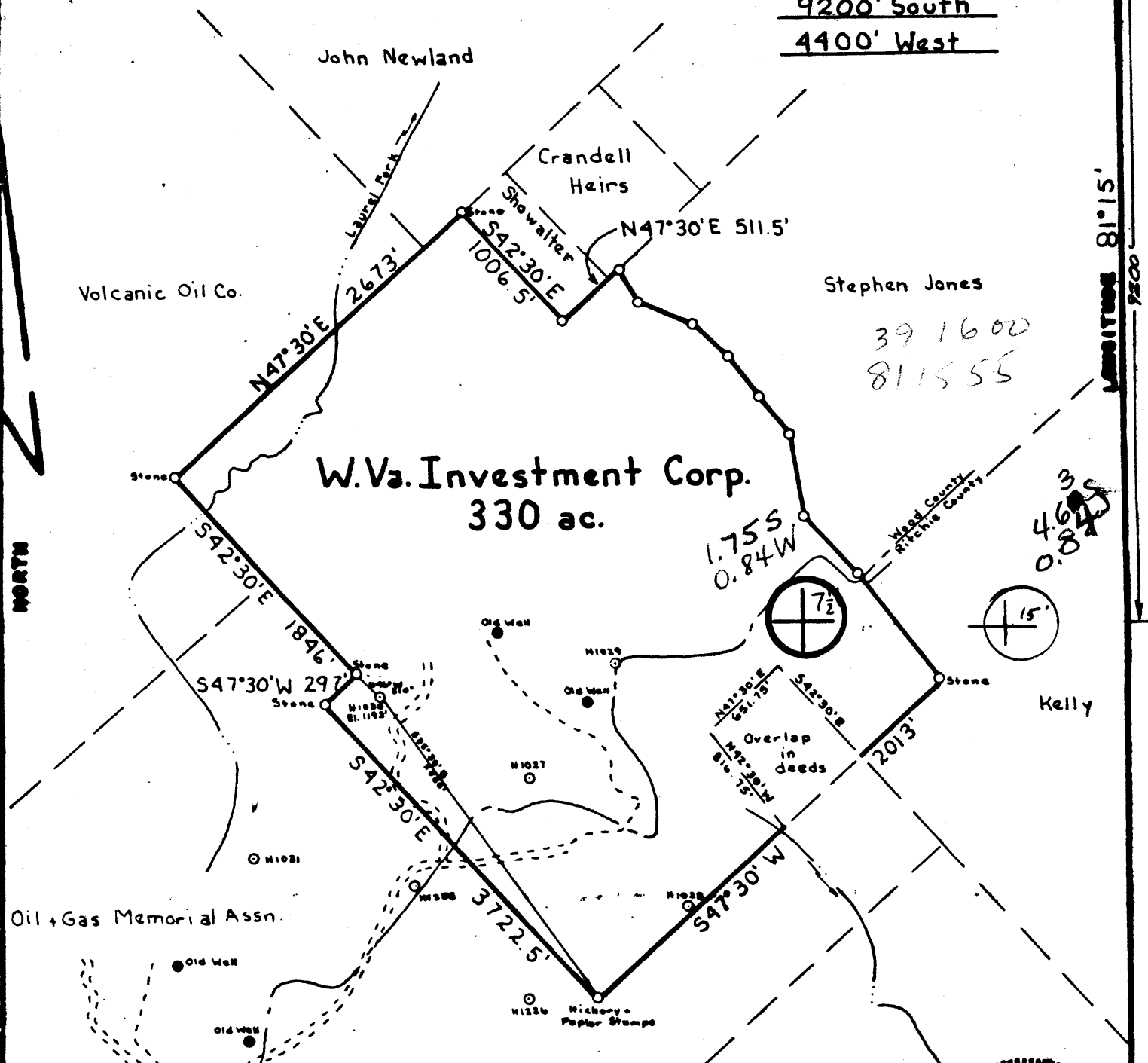
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1192' WATER SHED Laurel Fork
 DISTRICT Walker COUNTY Wood
 QUADRANGLE Willow Island, W.Va. 7 1/2' Quad.
 SURFACE OWNER W.Va. Investment Corp. ACREAGE 330
 OIL & GAS ROYALTY OWNER W.Va. Investment Corp. LEASE ACREAGE 330
 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 Shale ESTIMATED DEPTH 2500'
 WELL OPERATOR Haught, Inc. DESIGNATED AGENT Warren Haught
 ADDRESS Smithville, W.Va. 26178 ADDRESS Smithville, W.Va. 26178

WOOD 1190-P

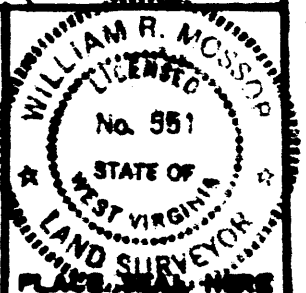
APR 21 1981

LATITUDE 39°17'30"
9200' South
4400' West



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION Reed Int. 1223'

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 30 Jan. 1981
 OPERATOR'S WELL NO. H-1030
 API WELL NO. 47-107-1190
 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 1192' WATER SHED Laurel Fork
 DISTRICT Walker COUNTY Wood
 QUADRANGLE Willow Island, W. Va. 7 1/2' Quad. Marietta 15' SE
 SURFACE OWNER W.Va. Investment Corp. ACREAGE 330
 OIL & GAS ROYALTY OWNER W.Va. Investment Corp. LEASE ACREAGE 330
 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) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Shale ESTIMATED DEPTH 2500'
 WELL OPERATOR Haight, Inc. DESIGNATED AGENT Warren Haight
 ADDRESS Smithville, W. Va. 26178 ADDRESS Smithville, W. Va. 26178

DEC 4 1981
 VOLCANO

100-78 **RECEIVED**

Plot Card **CSD**

Operator's Well No. H-1030
APD Well No. - 107 - 1190
State County Form

JUL 1 - 1982

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

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATION, OR PHYSICAL CHANGE

WELL TYPE: Oil XX / Gas XX / Liquid Injection / Waste Disposal
(If "Gas", Production XX / Underground storage / Deep / Shallow XX /
LOCATION: Elevation: 1192' / Watershed: Laurel Fork
District: Walker / County: Wood / Quadrangle: Willow Island, WV
WELL OPERATOR: Haight, Inc. W.Va. Investment Corp. H-1030
DESIGNATED AGENT: Warren R. Haight
Address: 4424 Emerson Ave. / Address: 4424 Emerson Ave.
Parkersburg, WV 26104 / Parkersburg, WV 26104

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

PERMIT ISSUED ON November 20, 19 81 , OIL & GAS INSPECTOR FOR THIS WORK:
(IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Name Deo Mace
Address Rt. 1, Box 5
 , 19 Sandridge, WV 25325

GEOLOGICAL TARGET FORMATION: Devonian Shale / Depth 1038-2975 feet
Depth of completed well, 2975 feet / Rotary XX / Cable Tools
Water strata depth: Fresh, 75 feet; salt, feet.
Coal seam depths: None / Is coal being mined in the area? No
Work was commenced May 7, 1982, and completed May 12, 1982

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACS (Cubic feet)	PACKERS
	Size	Grade	Weight per Ft	New	Used	For drilling		
Conductor								Rands
Fresh water	8-5/8	K-55	20#	X		660'	660'	Cement to Surface
Coal								Stops
Intermediate								
Production	N/A							Cement set
Tubing								
liners								Perforations:
								See notes
								N/A

OPEN FLOW DATA

Producing formation: Devonian Shale / Pay zone depth: 1038-2975 feet
Gas: Initial open flow, Mcf/d / Oil: Initial open flow, Bbl/d
Final open flow, 60,000 Mcf/d / Final open flow, Bbl/d
Time of open flow between initial and final tests, 8 hours
Static rock pressure, 260 psig (surface measurement) after 12 hours shut in

[If applicable due to multiple completion--]

Second producing formation: / Pay zone depth: 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

Continued on reverse side.

JUL 12 1982

DETAILS OF PERFORATED INTERVALS, FRACTURING OF WELLBORES, PHYSICAL CHANGE, ETC.

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	REMARKS Including indication of all fresh and salt water, sand, oil and gas
Sand			0	10	
Slate			10	64	
Sand			64	125	
Slate			125	135	
Sand			135	269	
Slate			269	323	
Sand			323	341	
Slate			341	404	
Sand			404	412	
Slate			412	418	
Big Lime			418	516	
Big Injun			516	586	
Slate/Sand			586	642	
Shale			642	750	
Slate/Sand			750	765	
Shale			765	800	
Slate			800	849	
Shale			849	1037	
Slate			1037	1075	
Shale/Sand			1075	1227	
Slate			1227	1250	
Shale			1250	1362	
Slate			1362	1465	
Shale			1465	1550	
Shale/Slate			1550	1600	
Shale			1600	1780	
Slate			1780	1875	
Shale			1875	2023	
Slate			2023	2035	
Shale			2035	2125	
Slate			2125	2175	
Shale			2175	2296	
Shale/Slate			2296	2975	T.D.

(Attach separate sheets as complete as necessary)

Haught, Inc.

Well Operator

Warren R. Haught

By

President

Its

NOTE: Regulation 2.0211 provides as follows:

"The term 'log' as used in this section shall mean a systematic, detailed geological record of all formations, including sand, encountered in the drilling of a well."

1000-1182
(Obverse)
(Revised 3-81)



H-1030
Form WV Investment Corp.
API #47 707 - 1190
Date December 16, 1981

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: 1192' Watershed: Laurel Fork
District: Walker County: Wood Quadrangle: Willow Island, WV

WELL OPERATOR Haught, Inc.
Address Rt. 3 Box 14
Smithville, WV 26178

DESIGNATED AGENT Warren R. Haught
Address Smithville, WV 26178

OIL AND GAS
ROYALTY OWNER W.Va. Investment Corp.
Address 3 Penn Center Plaza
Philadelphia, Pa. 19100
Acreage 330

COAL OPERATOR None
Address _____

SURFACE OWNER WV Investment Corp.
Address 3 Penn Center Plaza
Philadelphia, Pa. 19100
Acreage 330

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME _____
Address _____

FIELD SALE (IF MADE) TO:
NAME Consolidated Gas Supply Corp.
Address 445 West Main Street
Clarksburg, WV 26301

NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Deo Mace
Address Rt. 1 Box 65
Sandridge, WV
Telephone 655-8693

COAL LESSEE WITH DECLARATION ON RECORD:
NAME None
Address _____

RECEIVED

NOV 20 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease ___ / other contract X / dated Dec. 30, 1978, to the undersigned well operator from Jack M. Cunningham.

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

Recorded on Jan. 31, 1979, in the office of the Clerk of County Commission of Wood County, West Virginia, in Lease Book/at page 557 ⁷¹⁶. 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 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 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

Haught, Inc.
Well Operator

By: Warren R. Haught

Its: President

(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) Haight, Inc.
Address Rt. 3 Box 14
Smithville, WV 26178

GEOLOGICAL TARGET FORMATION Devonian Shale
Estimated depth of completed well 2500 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, feet; salt, feet.
Approximate coal seam depths: None
Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS Kinds
	Size	Grade	Weight per ft	New	Used	For Drilling	Left in Well		
Conductor									
Fresh water	8 5/8	K-55	20#	X		200	200	Cement to	Surface
Coal									Sizes
Intermed.									
Production	4 1/2	J-55	10.5	X			2500	100 Sacks	Depths set
Tubing								or as needed by	
Liners								rule 15.01	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, of the W. Va. Code, the location is hereby approved for Drilling. This permit shall expire if operations have not commenced by 7-24-82.

[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 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

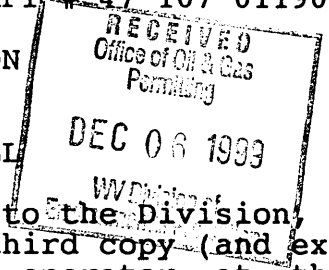
The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be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

Date: , 19 .

By:

Its:

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS



AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: WV Investment Corp. Operator Well No.: H-1030

LOCATION: Elevation: 1,192.00 Quadrangle: WILLOW ISLAND
District: WALKER County: WOOD
Latitude: 9200 Feet South of 39 Deg. 17 Min. 30 Sec.
Longitude 4400 Feet West of 81 Deg. 15 Min. 0 Sec.

Well Type: OIL X GAS X

Company: Haught Inc.
HC 68 Box 18
Smithville, W.V. 26178

Coal Operator N/A
or Owner _____

Agent: Warren R. Haught

Coal Operator _____
or Owner _____

Permit Issued: 04/13/98

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Ritchie ss:

Warren R. Haught and Robert Barker being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Glenn Robinson Oil and Gas Inspector representing the Director, say that said work was commenced on the 12th day of MAY, 1999, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement Plug	2183'	2083'		
Cement Plug	710'	610'		
Cement Plug	100'	Surface		
8 5/8" CASING			40'	620'

Description of monument: 7" casing - 30" high with API number welded in 10' below
and that the work of plugging and filling said well was completed on
the 13th day of MAY, 1999. ground

And further deponents saith not.

Sworn and subscribe before me this 9th day of June, 1999
My commission expires: May 21, 2006

Robert E. Barker
Warren R. Haught

John P. Cook
Notary Public

Oil and Gas Inspector: Glenn Robinson

WOOD 1190-P