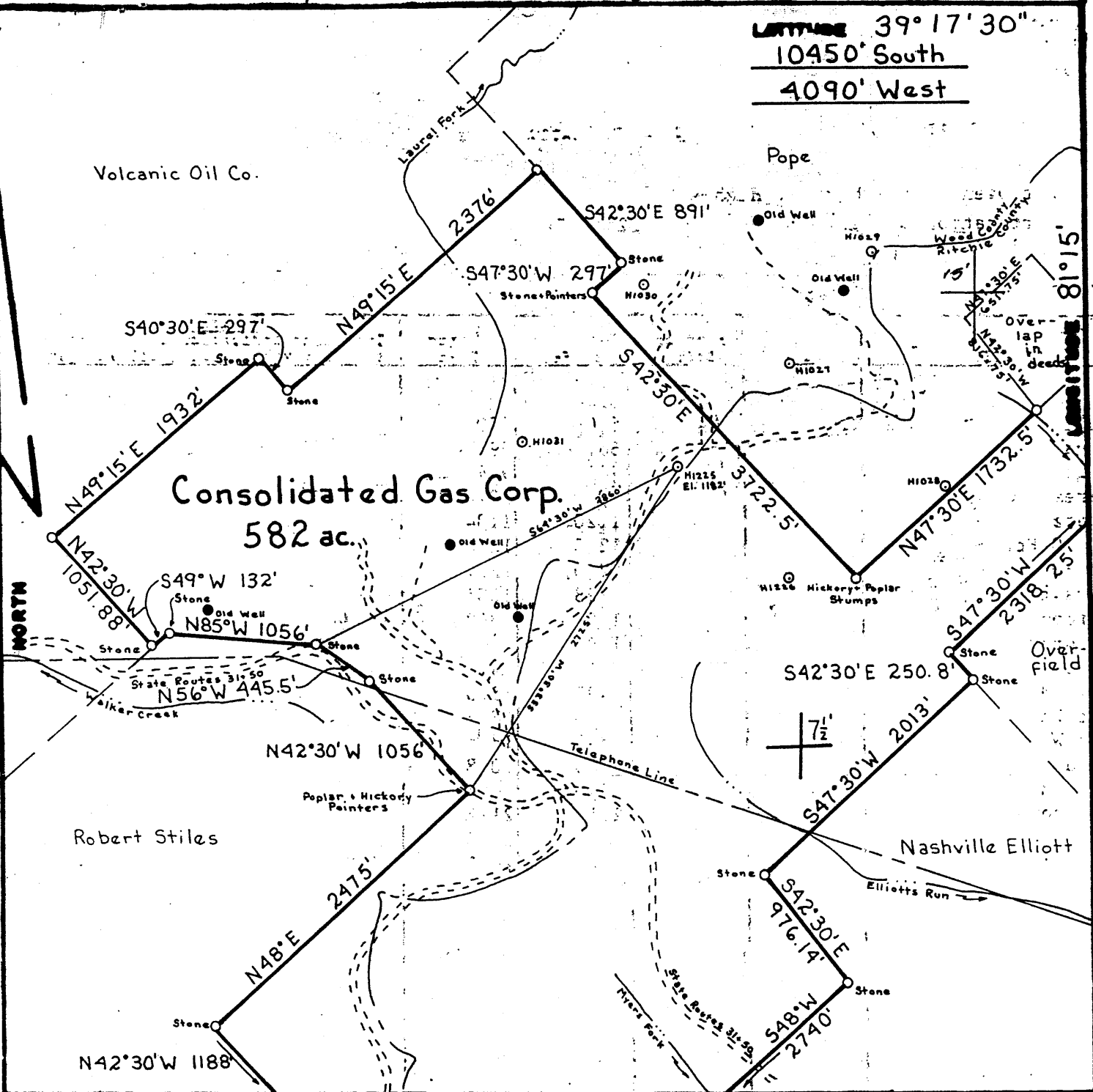


de 2/19

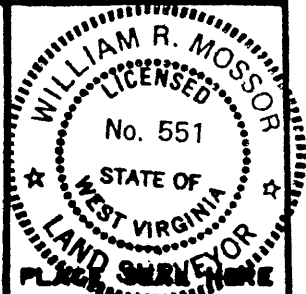
39° 20'

LATITUDE 39° 17' 30"
10450' South
4090' 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. 19 81
 OPERATOR'S WELL NO H-1225
 API WELL NO. 47-107-1147P
 STATE COUNTY PERMIT

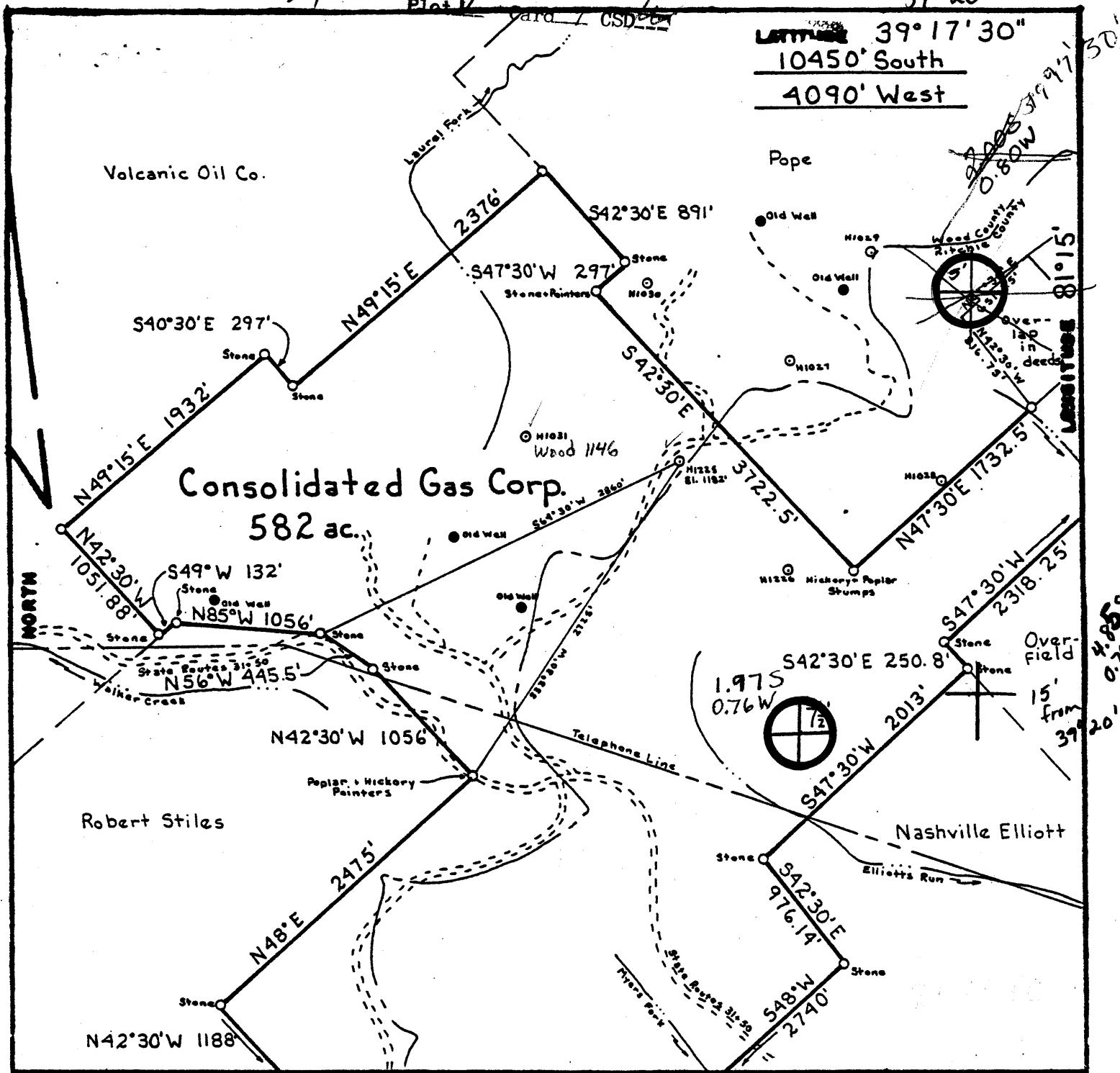
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1182' WATER SHED Laurel Fork
 DISTRICT Walker COUNTY Wood
 QUADRANGLE Willow Island, W. Va. 7 1/2 Quad.
 SURFACE OWNER Oil & Gas Memorial Association, Inc. ACREAGE 582
 OIL & GAS ROYALTY OWNER Consolidated Gas Corp. LEASE ACREAGE 582
 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 _____ ESTIMATED DEPTH 2500'
 TARGET FORMATION Shale
 WELL OPERATOR Haught, Inc. DESIGNATED AGENT Warren Haught
 ADDRESS Smithville, W. Va. 26178 ADDRESS Smithville, W. Va. 26178

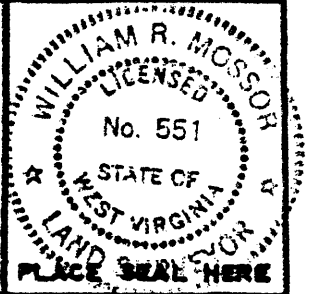
APR 21 1998

WOOD 1147-P



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-1225
 API WELL NO. 47-107-1147
 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 1182' WATER SHED Laurel Fork
 DISTRICT Walker COUNTY Wood
 QUADRANGLE Willow Island, W. Va. 7 1/2' Quad. Marietta SE
 SURFACE OWNER Oil & Gas Memorial Association ACRES 582
 OIL & GAS ROYALTY OWNER Consolidated Gas, Corp. LEASE ACRES 582
 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 Haught, Inc. DESIGNATED AGENT Warren Haught
 ADDRESS Smithville, W. Va. 26178 ADDRESS Smithville, W. Va. 26178

606 Volcano (111)

(08-79)

AUG - 2 1982

Operator's Well No. H-1225
App Well No. -107-1147
State County Permit

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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

WELL OPERATOR'S REPORT
OF
DRILLING, FRACURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil XX / Gas XX / Liquid Injection _____ Waste Disposal _____
(If "Gas", Production XX / Underground storage _____ / Deep _____ / Shallow _____)
LOCATION: Elevation: 1182' Watershed: Laurel Fork
District: Walker County: Wood Quadrangle: Willow Island 7 1/2'

WELL OPERATOR Haught, Inc. Consolidated (Volcanic) H-1225
Address 4424 Emerson Ave. Designated Agent Warren R. Haught
Parkersburg, WV 26104 Address 4424 Emerson Ave.
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 February 18, 1981 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
Sandridge, WV 25274

GEOLOGICAL TARGET FORMATION: Shale Depth 2152-2525 feet
Depth of completed well, 2525 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 March 24, 1981, and completed March 28, 1981

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILLING OR SACKS (Cubic feet)	REMARKS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Rands
Fresh water	8-5/8	K-55	20#	X		1382'	1382'	Cement to Surface
Coal								Sizes
Intermediate								
Production	4 1/2	J-55	10.5	X			2525'	200 Sacks Cement set
Tubing								
Liners								Perforations: Top Bottom: 2280-2525

OPEN FLOW DATA
Producing formation: Huron Shale Pay zone depth 2280 2152-2525 feet
Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
Final open flow, 130,000 Mcf/d 130MCF Final open flow, _____ Bbl/d
Time of open flow between initial and final tests, 8 hours
Static rock pressure, 220 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

AUG 9 1982

Continued on reverse side.

13120200

108-78

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

Nitrogen fraced by B.J. Hughes

Perforations: Open hole

2280-2525

top of Huron shale

•ELL 203

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	REMARKS Including indication of all gases and sand water, sand, etc. and fill
Injun			640	670	
Squaw			685	692	
Weir			904	914	
• Berea			1010	1016	
Gantz			1120	1134	
50 Ft.			1240	1250	
30 Ft.			1260	1267	
Stray			1298	1305	
Gordon			1353	1362	
4th			1392	1400	
5th			1430	1438	
Bayard			1495	1505	
1st Warren			1790	1796	
2nd Warren			1842	1856	
Tiona			2000	2008	
Speechly			2040	2050	
Balltown			2115	2125	
Riley			2325	2336	
Benson			2420	2425	T.D.

T.D. 2525

1400' Berea
1800' Tiona

Wood 1120 1st deeper
Devi oil, this area.

(Attach separate sheets as complete as necessary)

Haught, Inc.
Well Operator
By Wanda R. Haught
Its President

NOTE: Regulation 2.02.2: provides as follows:
"The term 'top' of 'well log' shall mean a systematic, detailed geologic record of all formations, including sand, encountered in the drilling of a well."

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 _____ Shallow X /)
LOCATION: Elevation: 1182' Watershed: Laurel Fork
District: Walker County: Wood Quadrangle: Willow Island, W.V. 7 1/2'

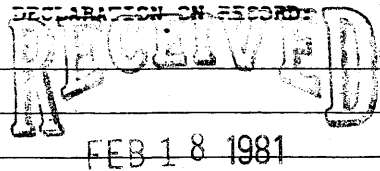
WELL OPERATOR Haught, Inc. DESIGNATED AGENT Warren R. Haught
Address Route 3, Box 14 Address Smithville, WV 26178
Smithville, WV 26178

OIL & GAS ROYALTY OWNER Consolidated Gas Supply Corp. COAL OPERATOR None
Address 445 West Main St. Address _____
Clarksburg, WV

ACREAGE 582 COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Oil & Gas Memorial Assoc., Inc. Name _____
Address Parkersburg, WV 26101 Address _____
ACREAGE 582 Name _____
Address OIL & GAS DIVISION

FIELD SALE (IF MADE) TO: Name Consolidated Gas Supply Corp. Address 445 West Main St.
Clarksburg, WV Name _____ Address DEPT. OF MINES

OIL & GAS INSPECTOR TO BE NOTIFIED Name K. Paul Goodnight 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 ___/ other contract X / dated December 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 the County Commission of Wood County, West Virginia, in _____ Book 716 at page 557. 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 § 22-1-3 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) 348-3092

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

PROPOSED WORK ORDER

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

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

GEOLOGICAL TARGET FORMATION, Shale
Estimated depth of completed well, 2500' feet Rotary Cable tools
Approximate water strata depths: Fresh, 25 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 'Cable feet'	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water	B 5/8	K-55	20#	X		200'	200'	75 SACKS Cement to Surface
Coal								Sizes
Intermediate								
Production	4 1/2	J-55	10.5#	X			2500'	100 sacks Depths set
Lines								
Wires								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-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 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 10-24-81.

[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 _____

[Handwritten signature]

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 or gas operator their respective addresses.

DEC 06 1999
WV Division of Environmental Protection
Office of Oil and Gas Permitting

Farm name: Consolidated Gas Supply Operator Well No.: H-1225

LOCATION: Elevation: 1,182.00 Quadrangle: WILLOW ISLAND
District: WALKER County: WOOD
Latitude: 10450 Feet South of 39 Deg. 20 Min. 0 Sec.
Longitude 4090 Feet West of 81 Deg. 15 Min. 0 Sec.

Well Type: OIL X GAS _____

Company: Haught Inc.
HC 68 Box 14
Smithville, WV 26178

Coal Operator N/A
or Owner Consolidated Gas
Clarksburg, WV

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 13th day of MAY, 1999, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement Plug	2285'	2185'		
Cement Plug	1425'	1325'		
Cement Plug	615'	515'		
Cement Plug	64'	Surface		
8 5/8" casing				565'

Description of monument: 8 5/8" pipe - 30" High with API number 12/8/99 Screwed onto casing.
and that the work of plugging and filling said well was completed on the 17th day of MAY, 1999.

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 1147-9