



1) Date: March 11, 19 83
 2) Operator's Well No. H-1394
 3) API Well No. 47 085 6335
 State County Permit

DRILLING CONTRACTOR:

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 863' Watershed: Left Fork of Dutchman Run
 District: Murphy County: Ritchie Quadrangle: Macfarlan,
- 6) WELL OPERATOR Haught, Inc. 11) DESIGNATED AGENT Warren R. Haught
 Address 4424 Emerson Avenue Address Rt. 3 Box 14
Parkersburg, WV 26104 Smithville, WV 26178
- 7) OIL & GAS ROYALTY OWNER Wm. Dawson Hrs. c/o Carl Dawson 12) COAL OPERATOR None
 Address Rt. 1 Box 6A Address _____
Mineral Wells, WV
- 8) SURFACE OWNER Grace Clark 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Macfarlan, WV 26148 Name _____
 Address _____
 Name _____
 Address _____
- 9) FIELD SALE (IF MADE) TO: Consolidated Gas Sup. Corp. 14) COAL LESSEE WITH DECLARATION ON RECORD:
Clarksburg, WV 26301 Name None
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Samuel N. Hersman Address _____
P.O. Box 66
Smithville, WV 26178
- 15) PROPOSED WORK: Drill / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Lower Devonian Shale
- 17) Estimated depth of completed well, 5000' feet
- 18) Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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									Kinds
Fresh water	8-5/8	K-55	20#	X		963'	963'	Cement to Surface	NEAT
Coal									Sizes
Intermediate									Depths set
Production	4 1/2"	J-55	10.5#	X			5000'	500 sacks	Perforations:
Tubing									Top Bottom
Liners									

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: Lenna B. Haught
 My Commission Expires May 18, 1986

Signed: Mark S. Mason
 Its: Well Administrative Agent

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-085-6335 Date March 17 19 83

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 November 17, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>ls</u>	Plat: <u>ad</u>	Casing: <u>ad</u>	Fee: <u>3764</u>
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Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

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 _____



DATE 22 FEBRUARY, 1983

WELL NO. #10 (H-1394)

API NO. 47 - 085 - 637

State of West Virginia

Department of Mines

Oil and Gas Division

Construction & Reclamation Plan

COMPANY NAME HAUGHT, INC.
ADDRESS SMITHVILLE, W.VA. 26178

DESIGNATED AGENT WARREN R. HAUGHT
ADDRESS SMITHVILLE, W.VA. 26178

Telephone (304) 477-3333

Telephone (304) 477-3333

LANDOWNER GRACE CLARK

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by WARREN R. HAUGHT (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 3-7-83

(Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure CROSS DRAIN (A)
Spacing 45' TO 400' (AS NEEDED)
Page Ref. Manual 2:1

Structure DIVERSION DITCH (1)
Material SOIL
Page Ref. Manual 2:12

Structure RIP-RAP (STONE 2/3 HAYBALES) (B)
Spacing SAME AS CROSS DRAIN
Page Ref. Manual 2:9

Structure RIP-RAP (2)
Material STONE 2/3 HAYBALES
Page Ref. Manual 2:9

Structure DRAINAGE DITCH (C)
Spacing _____
Page Ref. Manual 2:12

Structure _____ (3)
Material _____
Page Ref. Manual _____

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch HAY OR STRAW 2 Tons/acre
Seed* ORCHARD GRASS 12 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY 6 lbs/acre
BIRDSFOOT TREFOIL 10 lbs/acre

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch HAY OR STRAW 2 Tons/acre
Seed* ORCHARD GRASS 12 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY 6 lbs/acre
BIRDSFOOT TREFOIL 10 lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY WILLIAM R. MOSSOR, L.L.S.

ADDRESS 106 NORTH SPRING STREET

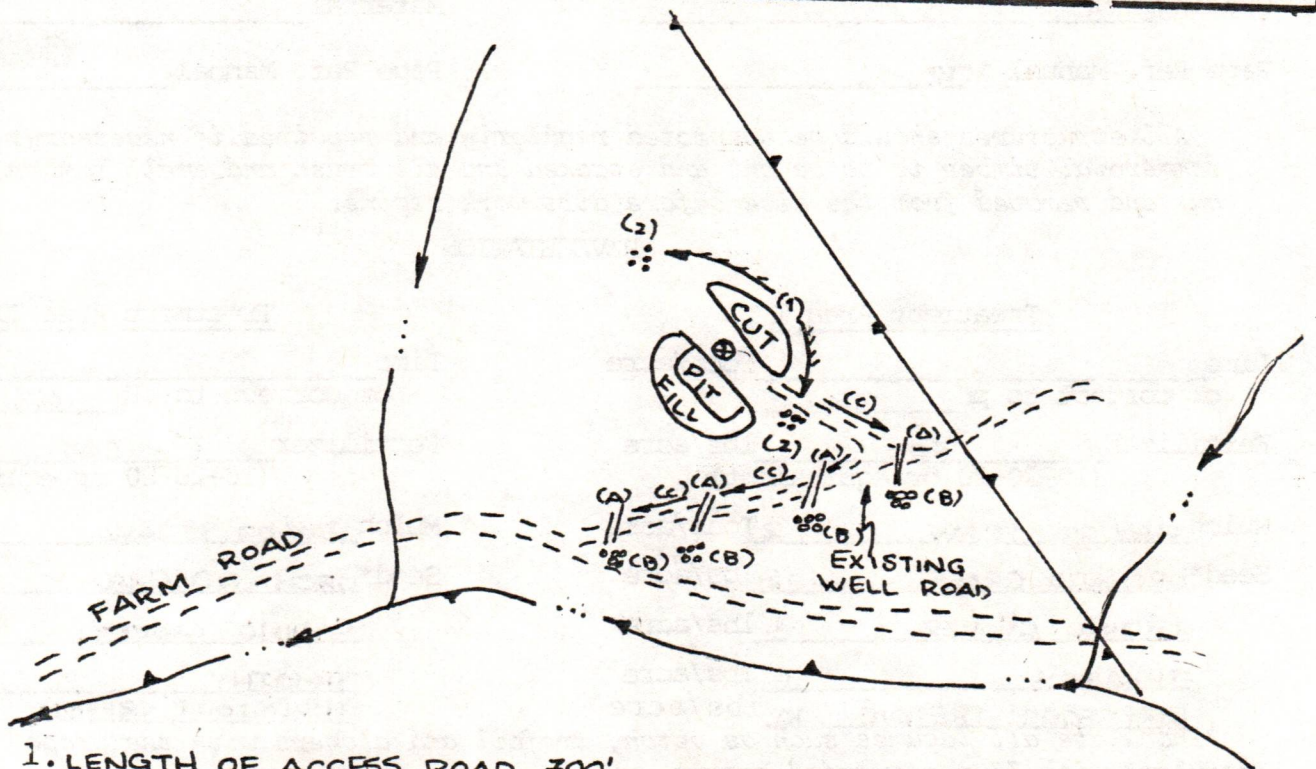
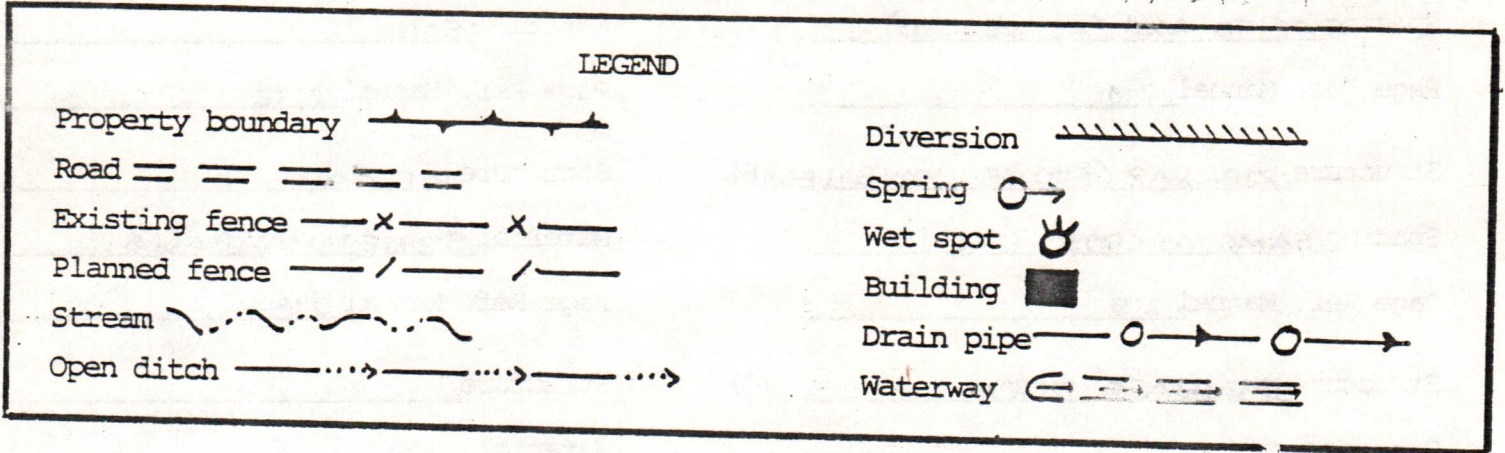
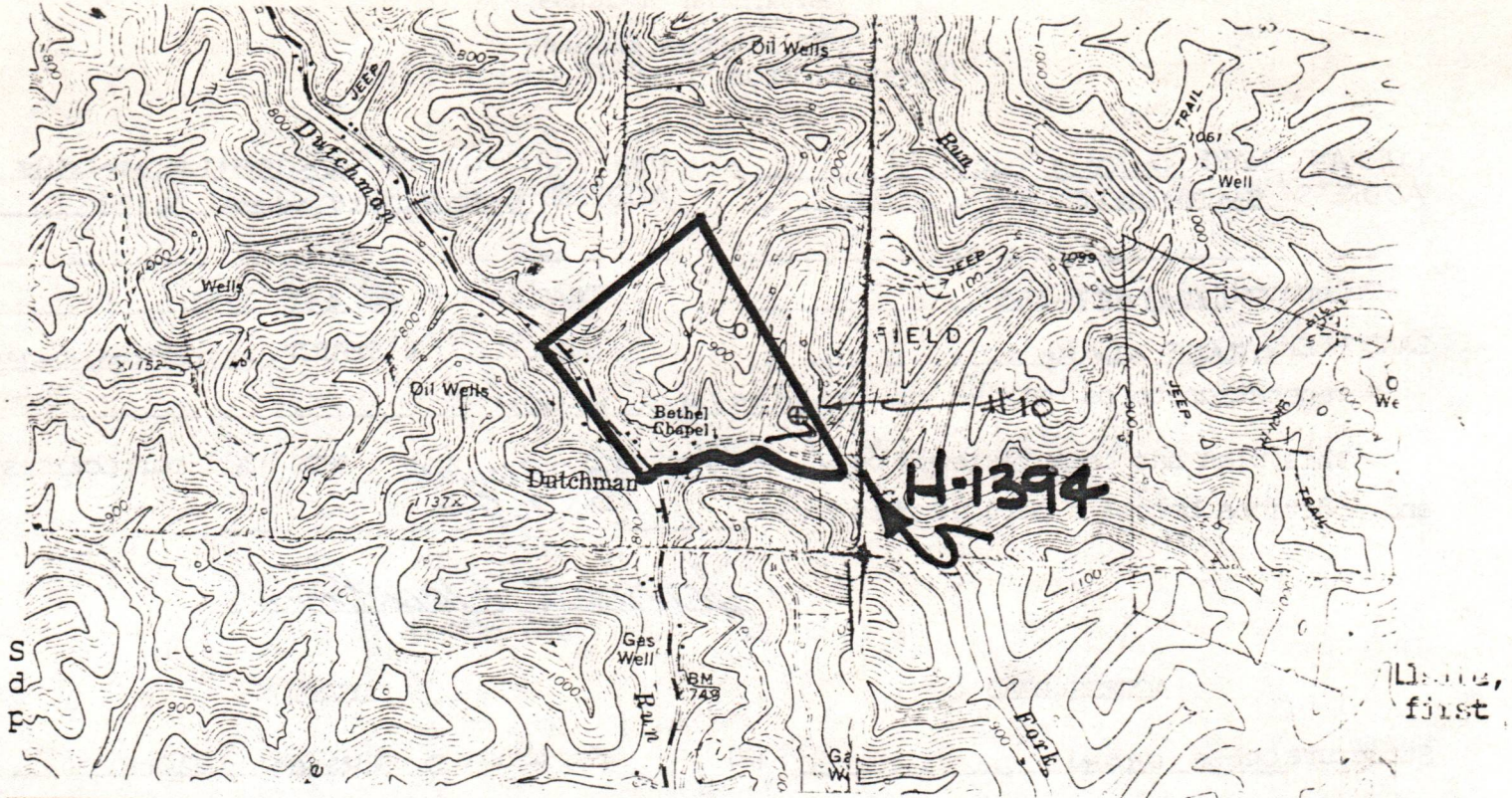
HARRISVILLE, W.VA. 26362

PHONE NO. (304) 643-4572

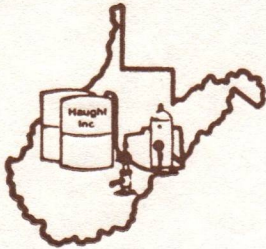
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE MACFARLAN

LEGEND
WELL SITE ⊕ ACCESS ROAD —



- Comments:
1. LENGTH OF ACCESS ROAD 700'.
 2. BRUSH TO BE CUT AND PILED AT SITE.
 3. WILL USE EXISTING WELL ROAD.
 4. _____
 5. _____



HAUGHT, INC.

4424 Emerson Avenue
Parkersburg, WV 26104
(304) 424-5075

OFFICE OF OIL & GAS

TO: ▷

DATE

SUBJECT

In lieu of filing the lease we are submitting the following:

1. The tract of land is 99 acres situated in Ritchie county, Murphy district.
2. & 3. An assignment from Penova Interest to Warren Associates, Inc., dated the 15th day of December, 1978, recorded in Deed Book 189, page651.
4. A 1/8 royalty will be paid.

Sincerely,

Mark S. Mason

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS
NOTICE OF EXPIRED PERMIT

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NOV 12 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Permit number:47- 85-6335
Company:HAUGHT INC.
Date:27-Jun-85
Date issued: 3/17/83

County:RITCHIE
Farm:GRACE CLARK #10 (H-1394)
Well no.:
Date expired:/ / 0

I have inspected the above wellsite and found no well work done. Please
cancel this well work permit.

Signed: Samuel N. Heroman

Date: 11-8-85



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 1615 Washington Street, East
 Charleston, West Virginia 25311
 Telephone: 348-3500

John Johnston
 Director

ARCH A. MOORE, JR.
 Governor

November 20, 1985
 985

Haight, Incorporated
 4424 Emerson Avenue
 Parkersburg, West Virginia 26104

In Re: Permit No: 47-085-6335
 Farm: Grace Clark
 Well NO: H-1394
 District: Murphy
 County: Ritchie
 Issued: 3-17-83

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

The well designated by the above captioned permit number has been released under XXXX your Blanket Bond.

Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond _____ in your behalf, in order that they may give you credit on their records.

Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under _____ bond coverage for life of the well.

XXXX PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit
 Deputy Director--Inspection & Enforcement

TMS/ nw

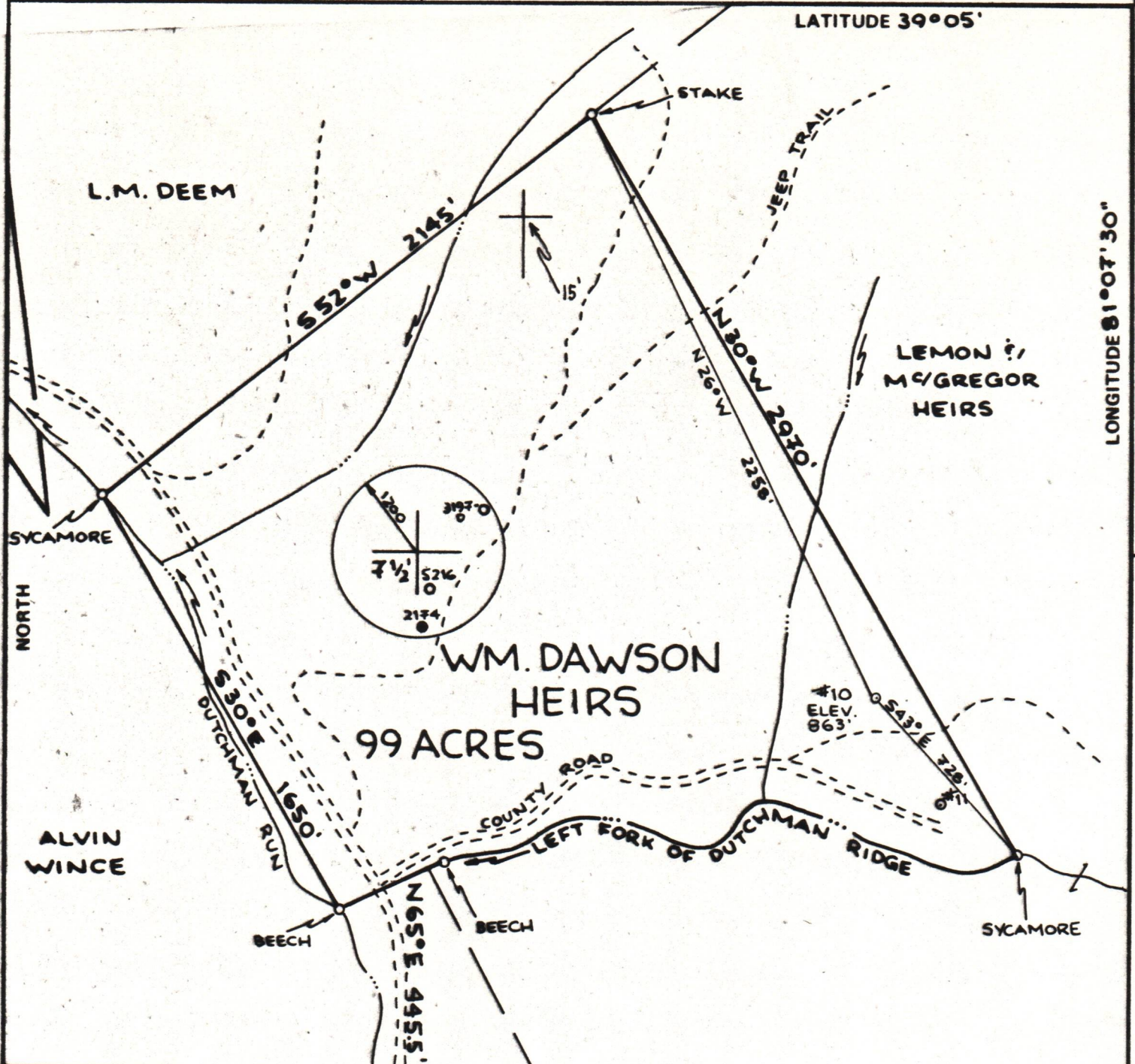
3-17-83

9899'

LATITUDE 39°05'

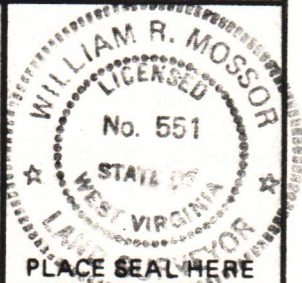
LONGITUDE 81°07'30"

0797'



FILE NO. _____
 DRAWING NO. _____
 SCALE **1"=500'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **RD. INT. ELEV. 713'**

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)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE **22 FEBRUARY**, 19 **83**
 OPERATOR'S WELL NO. **#10 (H-1394)**
 API WELL NO. _____
47 - **085** - **6335**
 STATE COUNTY PERMIT
Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION **863'** WATER SHED **LEFT FORK OF DUTCHMAN RUN**
 DISTRICT **MURPHY** COUNTY **RITCHIE**
 QUADRANGLE **MACFARLAN 7 1/2' QUAD.**
 SURFACE OWNER **GRACE CLARK** ACREAGE **99**
 OIL & GAS ROYALTY OWNER **WM. DAWSON HEIRS** LEASE ACREAGE **99**
 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 **LOWER DEVONIAN SHALE** ESTIMATED DEPTH **5000'**
 WELL OPERATOR **HAUGHT, INC.** DESIGNATED AGENT **WARREN R HAUGHT**
 ADDRESS **SMITHVILLE, W.VA. 26178** ADDRESS **SMITHVILLE, W.VA. 26178**

RIT. 6335