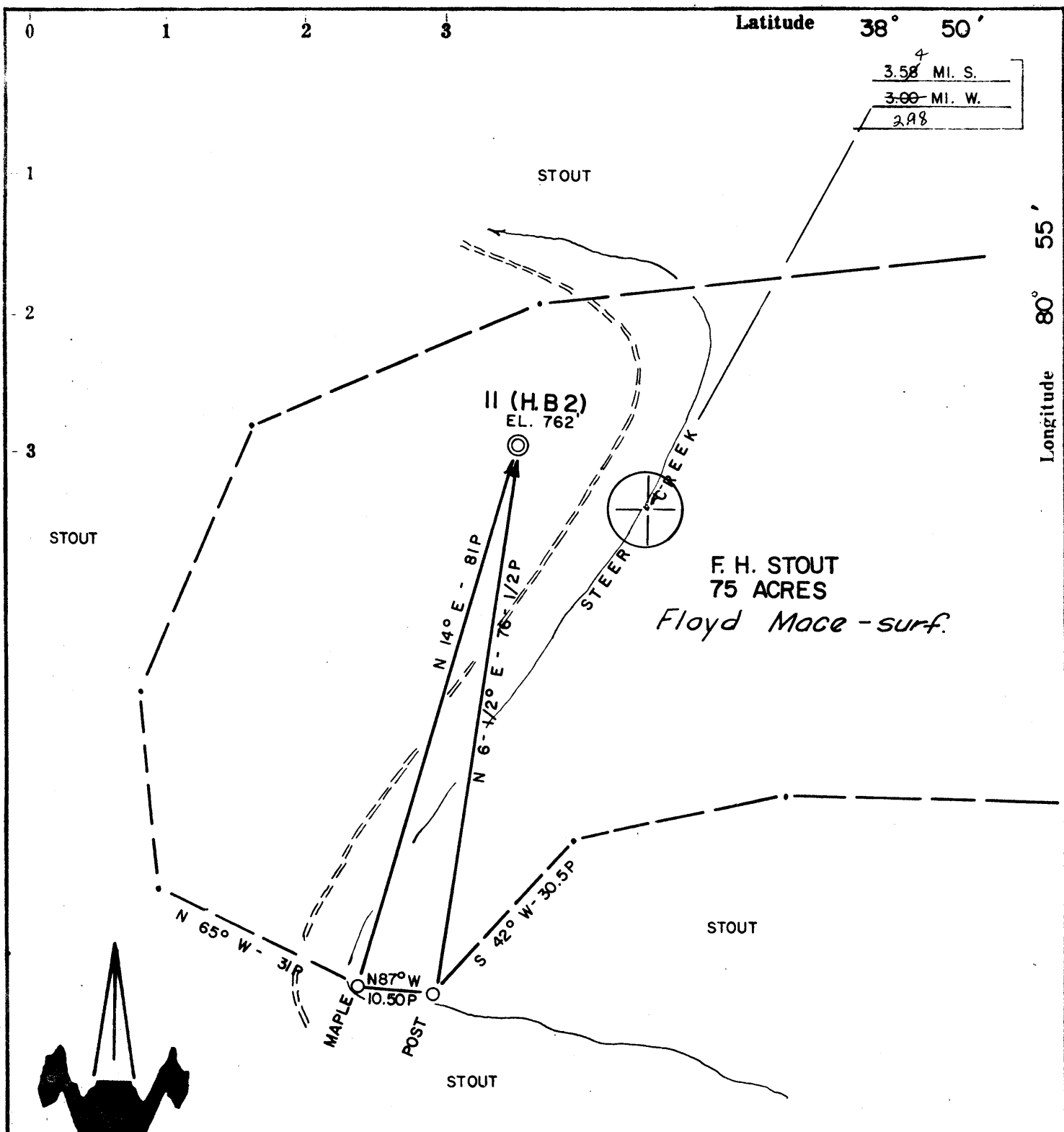


3/2/76



3.58⁴ MI. S.
3.00 MI. W.
2.98

ACCURACY: 1P / 200P

Source of Elevation SHOCK (747')

- New Location
- Drill Deeper
- Abandonment
- Fracture
- Redrill

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Chet Waterman

Company GLEN L. HAUGHT & SONS
 Address SMITHVILLE, WV
 Farm F. H. ~~STOUT~~ STOUT
 Tract Acres 75 Lease No.
 Well (Farm) No. II (H.B.2) Serial No.
 Elevation (Spirit Level) 762'
 Quadrangle GLENVILLE SW
 County GILMER District CENTER
 Engineer CHET WATERMAN
 Engineer's Registration No. 3788
 File No. 76003-402 Drawing No.
 Date 9/28/76 Scale 1" = 20P

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

WELL LOCATION MAP
 FILE NO. **GIL-2795**

Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.

47-021



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

Quadrangle Glenville

Permit No. GIL-2795

Rotary XX Oil _____
Cable _____ Gas X _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Glenn L. Haught & Sons
Address Smithville, W.Va. 26178
Farm F. H. Stout Acres 75
Location (waters) Steer Creek
Well No. 11-HB-2 Elev. 762'
District Center County Gilmer
The surface of tract is owned in fee by _____
Floyd Mace, Shock W.Va.
Address Shock, W. Va.
Mineral rights are owned by Overt Hardman
Address Glenville, W.Va. 26351
Drilling Commenced 3/22/77
Drilling Completed 3/24/77
Initial open flow 100,000 cu. ft. 00 bbls.
Final production 100,000 cu. ft. per day 00 bbls.
Well open 12 hrs. before test 200 RP.

| Casing and Tubing | Used in Drilling | Left in Well | Cement fill up Cu. ft. (Sks.) |
|-------------------|------------------|--------------|-------------------------------|
| Size | | | |
| 20-16 | | | |
| Cond. | | | |
| 13-10" | | | |
| 9 5/8 | | | |
| 8 5/8 | 249' | 249' | 85 Sacks |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | 1258' | 1258' | Hook Wall Packer |
| 3 | | | |
| 2 | | | |
| Liners Used | | | |

Well treatment details:

Attach copy of cementing record.

NATURAL-----NO TREATMENT

Coal was encountered at None Feet _____ Inches _____
Fresh water 100' Feet _____ Salt Water _____ Feet _____
Producing Sand Salt Sands Depth 1260'

| Formation | Color | Hard or Soft | Top Feet | Bottom Feet | Oil, Gas or Water | * Remarks |
|------------------|-------|--------------|----------|-------------|-------------------|---------------|
| Slate & Red Rock | | | 0 | 525 | | |
| Slate & Shells | | | 525 | 1075 | | |
| Sand | | | 1075 | 1125 | | |
| Slate & Shells | | | 1125 | 1250 | | |
| Salt Sand | | | 1250 | 1375 | Gas | 1260' 100,000 |
| Slate & Shells | | | 1375 | 1485 | | |
| Sand | | | 1485 | 1560 | | |
| Slate | | | 1560 | 1585 | | |
| Little Lime | | | 1585 | 1620 | | |
| Slate | | | 1620 | 1643 | | |
| Big Lime | | | 1643 | 1760 | | |
| Injun Sand | | | 1760 | 1812 | | |
| Slate | | | 1812 | 1850 TD | No Show | |

(over)

* Indicates Electric Log tops in the remarks section.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAR 21 1977

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE March 21, 1977
Company Glenn L. Haught & Sons,
Address Smithville, W. Va. 26178
Farm F. H. Stout Acres 75
Location (waters) Steer Creek
Well No. 11-HB-2 Elevation 762'
District Center County Gilmer
Quadrangle GlenvilleS-W

Surface Owner Floyd Mace
Address Shock, W. Va.
Mineral Owner Overt Hardman
Address Glenville, W.Va. 26351
Coal Owner None
Address _____
Coal Operator _____
Address _____

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 7-21-77.

INSPECTOR TO BE NOTIFIED Kenneth P. Goodnight
ADDRESS Smithville, W. Va. 26178
PHONE 477-2455

[Signature]
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated Sept. 22, 1976 by National Oil & Gas, Inc. made to Haught Bros. Drilg. Co. and recorded on the _____ day of _____ 19____, in _____ County, Book _____ Page _____

XX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, GLENN L. HAUGHT & SONS
(Sign Name) BY: Warren P. Haught Partner
Well Operator

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address of Well Operator _____ Street _____
Smithville, W. Va. 26178
City or Town _____

I have read and understand the reclamation requirements as set forth in Chap. 22, Art. 1, Section 12--b, and will carry out the specified requirements:

SIGNED: Warren P. Haught

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

Gil-2795 PERMIT NUMBER
47-021

[Signature]

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME HAUGHT BROTHERS DRILLING CO. NAME Warren R. Haught,
 ADDRESS Smithville, W.Va. 26178 ADDRESS Smithville, W.Va. 26178
 TELEPHONE 477-5555 TELEPHONE 477-5555
 ESTIMATED DEPTH OF COMPLETED WELL: 1900 ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL _____ GAS _____ COMB. XX STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

| CASING AND TUBING SIZE | USED FOR DRILLING | LEFT IN WELL | CEMENT FILL UP OR SACKS - CUBIC FT. |
|------------------------|-------------------|--------------|-------------------------------------|
| 20 - 16 | | | |
| 13 - 10 | | | |
| 9 - 5/8 | | | |
| 8 - 5/8 | 225' | 225' | 80 Sacks |
| 7 | | | |
| 5 1/2 | | | |
| 4 1/2 | | 1900' | 80 Sacks |
| 3 | | | Perf. Top |
| 2 | | | Perf. Bottom |
| Liners | | | Perf. Top |
| | | | Perf. Bottom |

APPROXIMATE FRESH WATER DEPTHS 35' FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS NO COAL
 IS COAL BEING MINED IN THE AREA? _____ BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title