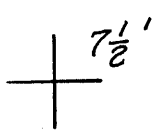
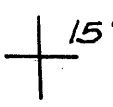


11/17/80 R7

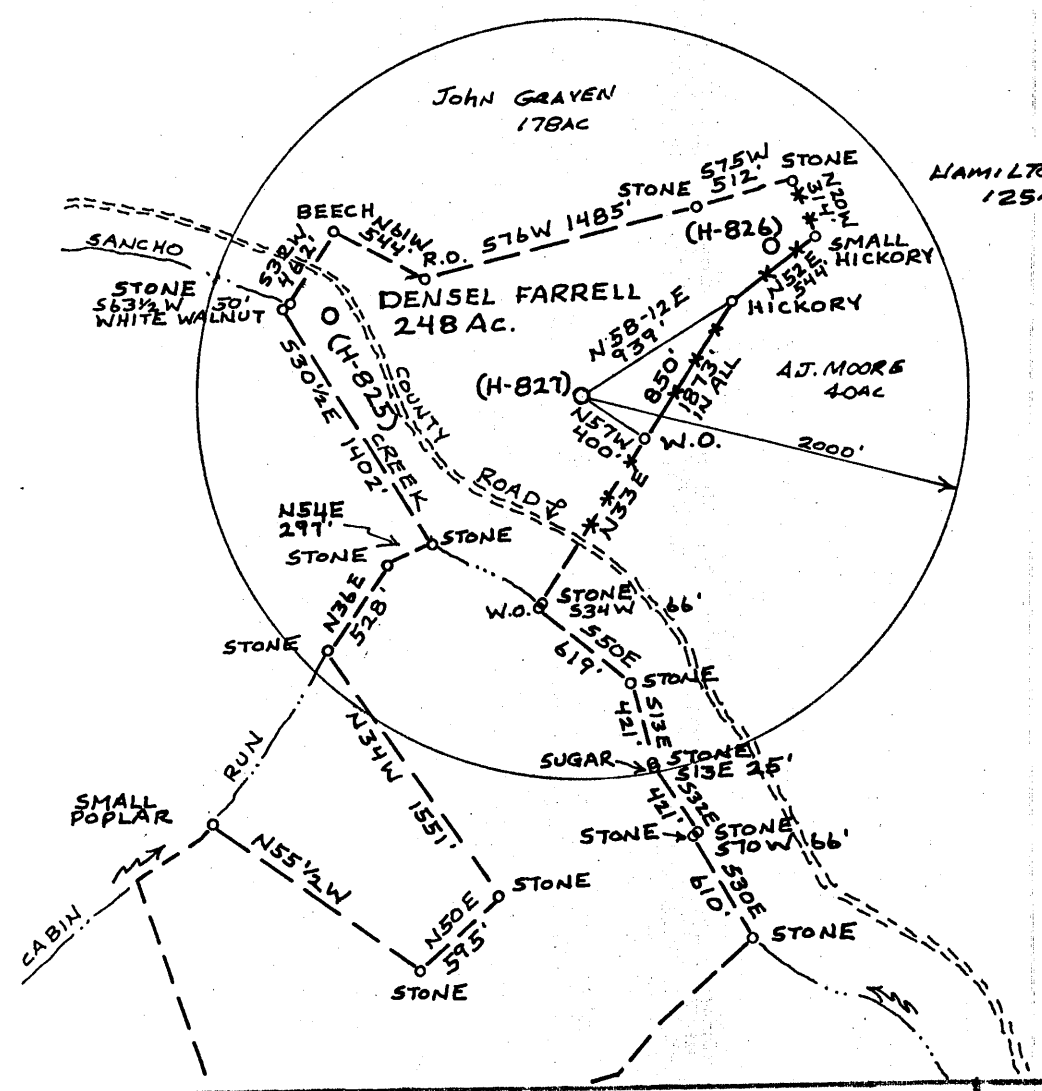
LATITUDE 39° 25'

2110' SOUTH
11320' WEST



(15') 80° 50'
LONGITUDE 80° 52 1/2'

NORTH



FILE NO. _____
DRAWING NO. _____
SCALE 1"=1000'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION ROAD ELE. 787'

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. 561

PLACE SEAL HERE

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



DATE 5 SEPTEMBER, 1979
OPERATOR'S WELL NO H-827
API WELL NO. 47-095-0765
STATE COUNTY PERMIT

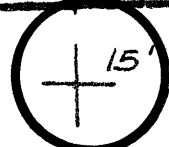
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Cancelled

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION STORAGE _____ DEEP _____ SHALLOW
LOCATION: ELEVATION 955' WATER SHED SANCHO CREEK
DISTRICT CENTERVILLE COUNTY TYLER
QUADRANGLE MIDDLEBOURNE, W.VA. 7 1/2' QUAD, WEST UNION 15'
SURFACE OWNER DENSEL FARRELL ACREAGE 248
OIL & GAS ROYALTY OWNER DENSEL FARRELL LEASE ACREAGE 248
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 GORDON ESTIMATED DEPTH 3100' FEB 9 1987
WELL OPERATOR GLENN L. HAUGHT & SONS DESIGNATED AGENT WARREN HAUGHT
ADDRESS SMITHVILLE, W.VA. 26178 ADDRESS SMITHVILLE, W.VA. 26178

LATITUDE 39° 25'

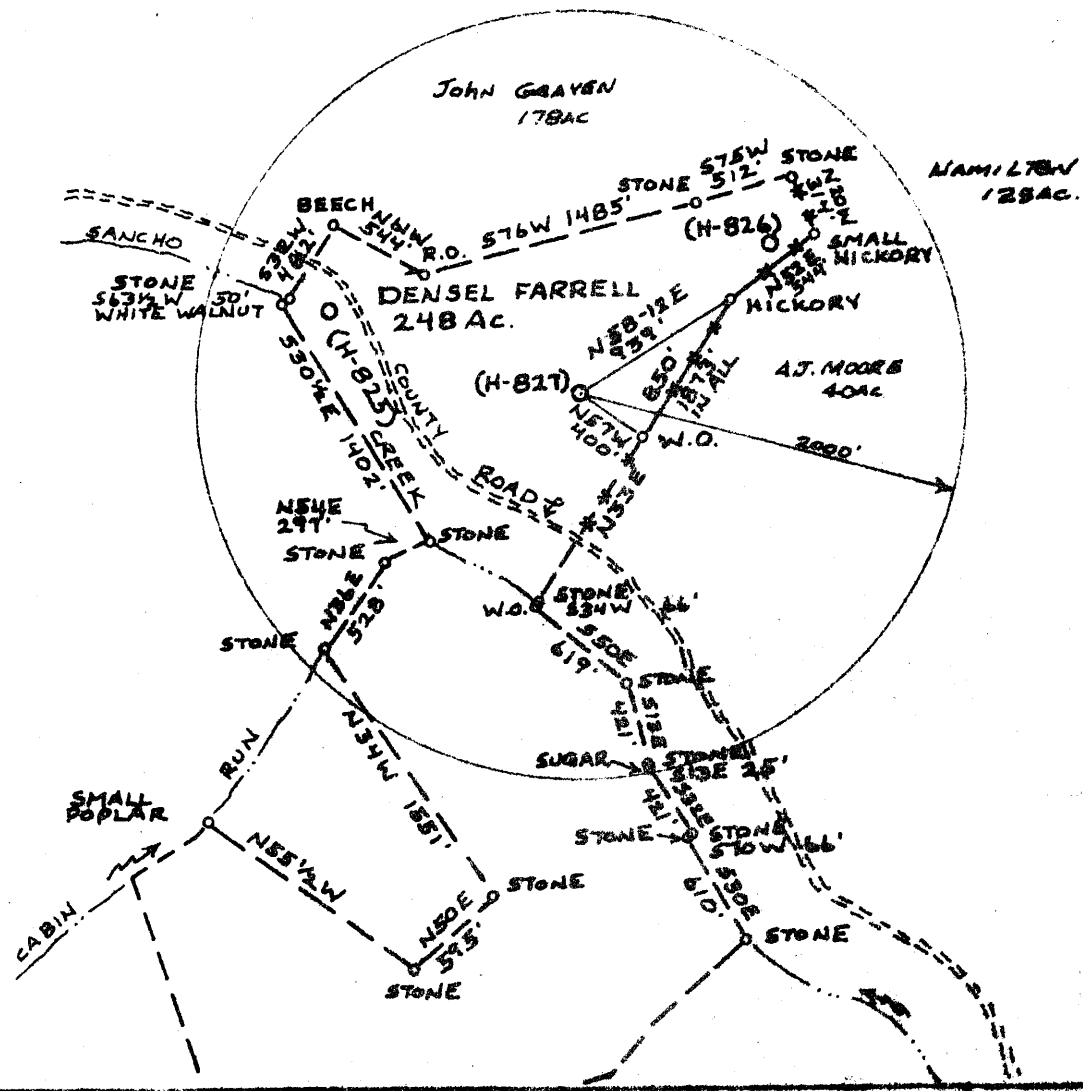
2110' SOUTH
11320' WEST



7 1/2' 0.395
4.17W
4.40W

11/17/80
(15') 80° 50'
LONGITUDE 80° 52 1/2'

NORTH



FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION ROAD ELE. 787'

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

PLACE SEAL HERE

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



DATE 5 SEPTEMBER, 1979
OPERATOR'S WELL NO H-827
API WELL NO. 47-095-0765
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 955' WATER SHED SANCHO CREEK
DISTRICT CENTERVILLE COUNTY TYLER
QUADRANGLE MIDDLEBOURNE, W.VA. 7 1/2' QUAD. WEST UNION 15' C
SURFACE OWNER DENSEL FARRELL ACREAGE 248
OIL & GAS ROYALTY OWNER DENSEL FARRELL LEASE ACREAGE 248
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 REPLUS _____
TARGET FORMATION GORDON ESTIMATED DEPTH 3100'
WELL OPERATOR GLENN L. HAUGHT & SONS DESIGNATED AGENT WARREN HAUGHT
ADDRESS SMITHVILLE, W.VA. 26178 ADDRESS SMITHVILLE, W.VA. 26178

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

OIL AND GAS WELL PERMIT APPLICATION
JAN 16 1980

WELL TYPE: Oil X / Gas X /
(If "Gas", Production X / Underground storage / Shallow X)
LOCATION: Elevation: 955' Watershed: Sancho Creek
District: Centerville County: Tyler Quadrangle: Middlebourne, WV

OIL & GAS DIVISION
DEPT. OF MINES

WELL OPERATOR Glenn L. Haught & Sons
Address Smithville, WV 26178

DESIGNATED AGENT Warren R. Haught
Address Smithville, WV 26178

OIL & GAS ROYALTY OWNER Densel Ferrell
Address Middlebourne, WV 26149

COAL OPERATOR None
Address

ACREAGE 248
SURFACE OWNER Densel Ferrell
Address Middlebourne, WV 26149
ACREAGE 248

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name
Address
Name
Address

FIELD SALE (IF MADE) TO:
Name
Address

COAL LESSEE WITH DECLARATION ON RECORD:

Name None
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phillip Lee Tracy
Address P. O. Box 173 Dodd Street
Middlebourne, WV 26149

Phone: 758:4573
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 August 20, 1977, to the undersigned well operator from Densel Ferrell & Esther Ferrell, his wife

[If said deed, lease, or other contract has been recorded:]

Recorded on August 26, 1977, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 213 at page 358. 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, 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) 543-3092

Glenn L. Haught & Sons
Well Operator

By Warren R. Haught
Partner

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Glenn L. Haught & Sons
Address Smithville, WV 26178

GEOLOGICAL TARGET FORMATION, Gordon

Estimated depth of completed well, 3100 feet Rotary X / Cable tools _____

Approximate water strata depths: Fresh, 50 feet; salt, _____ feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes _____ No: X

CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS | | | | | FOODAGE INTERVALS | | CEMENT FILL-UP OR SACKS ('Cable 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 | | 200' | 200' | 75 sacks | |
| Coal | | | | | | | | | Sizes |
| Intermediate | | | | | | | | | |
| Production | 4 1/2 | J-55 | 10.5# | X | | | 3100' | 100 sacks | Depths set |
| Tubing | | | | | | | | | |
| Liners | | | | | | | | | 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 plan 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 § 22-4-3a 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 9-18-80.

Robert L. [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 _____