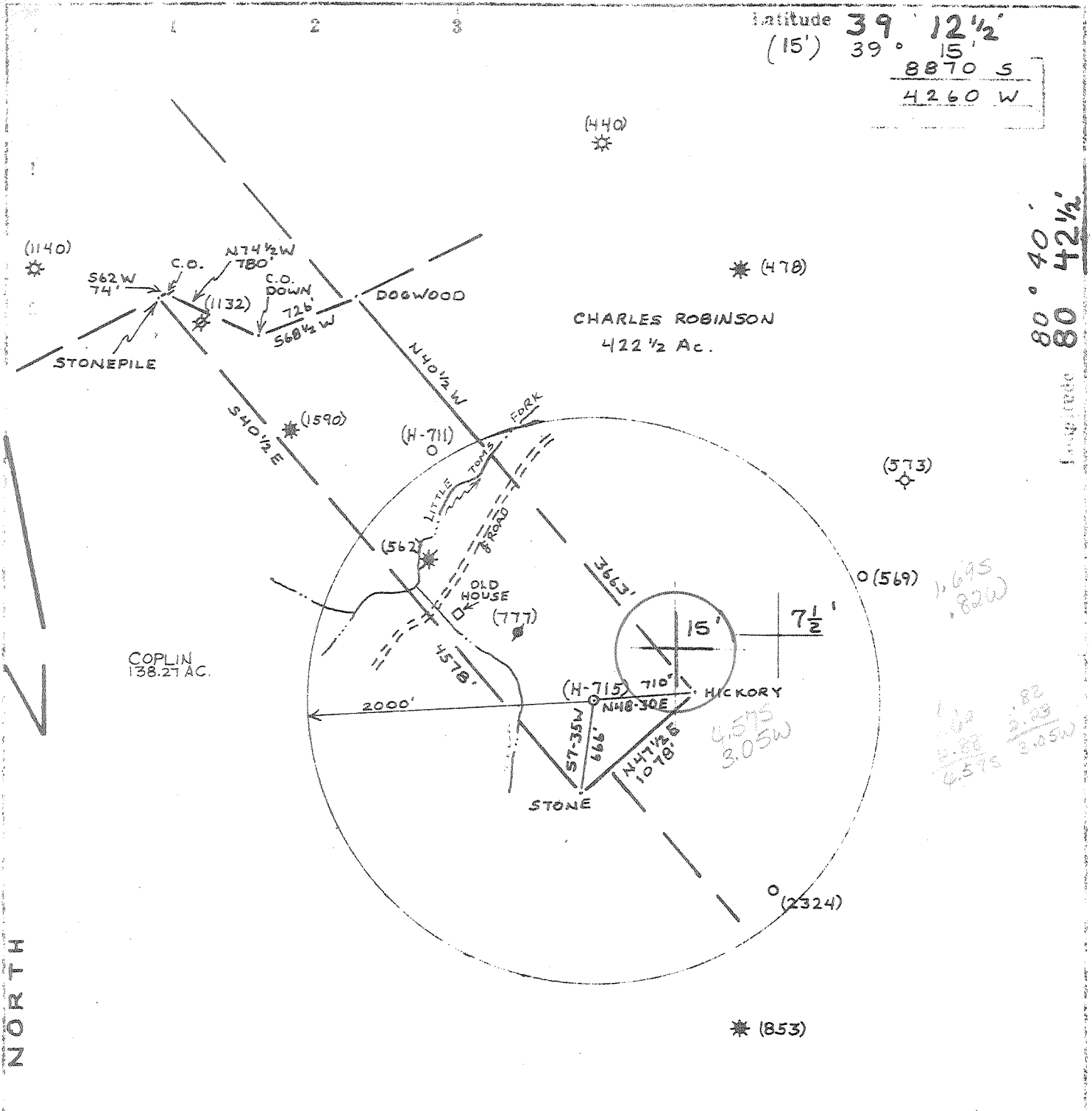


Latitude 39° 12' 1/2" (15') 39° 15' 8870 S 4260 W



80° 40' 42 1/2"

1.695  
.820  
1.82  
2.88  
4.575  
3.050

TARGET FORMATION ESTIMATED DEPTH

API WELL NO. 47-017 STATE COUNTY PERMIT

PROPOSED WORK: Drill  Location

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL  
CIF "GAS", PRODUCTION STORAGE DEEP SHALLOW  
Source of Location ROAD INTERSECTION ELEV. 868'  
I, the undersigned hereby certify that...  
Minimum accuracy, one part in 200

Well Operator GLENN L. HAUGHT & SONS  
Address SMITHVILLE, W.VA. 26178  
Designated Agent WARREN HAUGHT  
Address SMITHVILLE, W.VA. 26178  
Surface Owner PAULDIN G. COPLIN  
Oil & Gas Royalty Owner COPLIN  
Acres 119Ac. 116P.  
Operator H-715  
Water Shed TOMS FORK  
Quadrangle NEW MILTON, W.VA. 7 1/2' QUAD.  
Section VADIS 15'  
Twp. DODDRIDGE Dist. NEW MILTON  
Surveyed by WILLIAM R. MOSSOR, L.L.S.  
Registration No. 551  
Date 12 JAN 1978 Scale 1"=1000'

STATE OF WEST VIRGINIA DEPARTMENT OF MINES AND GAS DIVISION CHARLESTON

WELL LOCATION MAP 47-017-2350

Denotes one inch space on original tracing. MAR 15 1979

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. VH-715

API Well No. 47 - 017 2350  
State County Permit

WELL TYPE: Oil \_\_\_ / Gas x /  
(If "Gas", Production x / Underground storage \_\_\_ / Deep x / Shallow x /)

LOCATION: Elevation: 1173' Watershed: Toms Fork  
District: New Milton County: Doddridge Quadrangle: New Milton

WELL OPERATOR Glenn L. Haught & Sons DESIGNATED AGENT Warren R. Haught  
Address Rt. # 3, Box 14 Address Rt. # 3, Box 14  
Smithville, Wv 26178 Smithville, WV 26178

OIL & GAS ROYALTY OWNER Pauldin G. & Shirley J. Coplin COAL OPERATOR none  
Address Rt. 1, Box 226D, Weston, WV Address \_\_\_\_\_

Acreage 119 COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Pauldin G. & Shirley J. Coplin Name none  
Address Rt. 1, Box 226D, Weston, WV Address \_\_\_\_\_

Acreage 119 Name \_\_\_\_\_

FIELD SALE (IF MADE) TO: Name \_\_\_\_\_  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:

Name none

Address \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Paul Garrett  
Address Clarksburg, WV  
622-3871



FEB 20 1978

OIL & GAS DIVISION  
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above

location under a deed \_\_\_ / lease x / other contract x / dated Dec. 1, 1978, to the undersigned well operator from Key Oil Company

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

Recorded on Dec. 29, 1978, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 106 at page 617. 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 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

BLANKET BOARD

GLENN L. HAUGHT & SONS  
Well Operator

By Warren R. Haught  
Its 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 Rt # 3, Box 14  
Smithville, WV 26178

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 5600' feet Rotary X / Cable tools      /

Approximate water strata depths: Fresh, 60 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				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water	11 3/4				X	200	200	90 sacks
Coal								Sizes
Intermediate	8 5/8	K-55	20lb.	X		2000	2000	200 sacks
Production	4 1/2	J-55	10.5	X		5600	5600	150 sacks
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 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 10-21-79

The following information must be completed by the coal operator and by any coal owner or 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