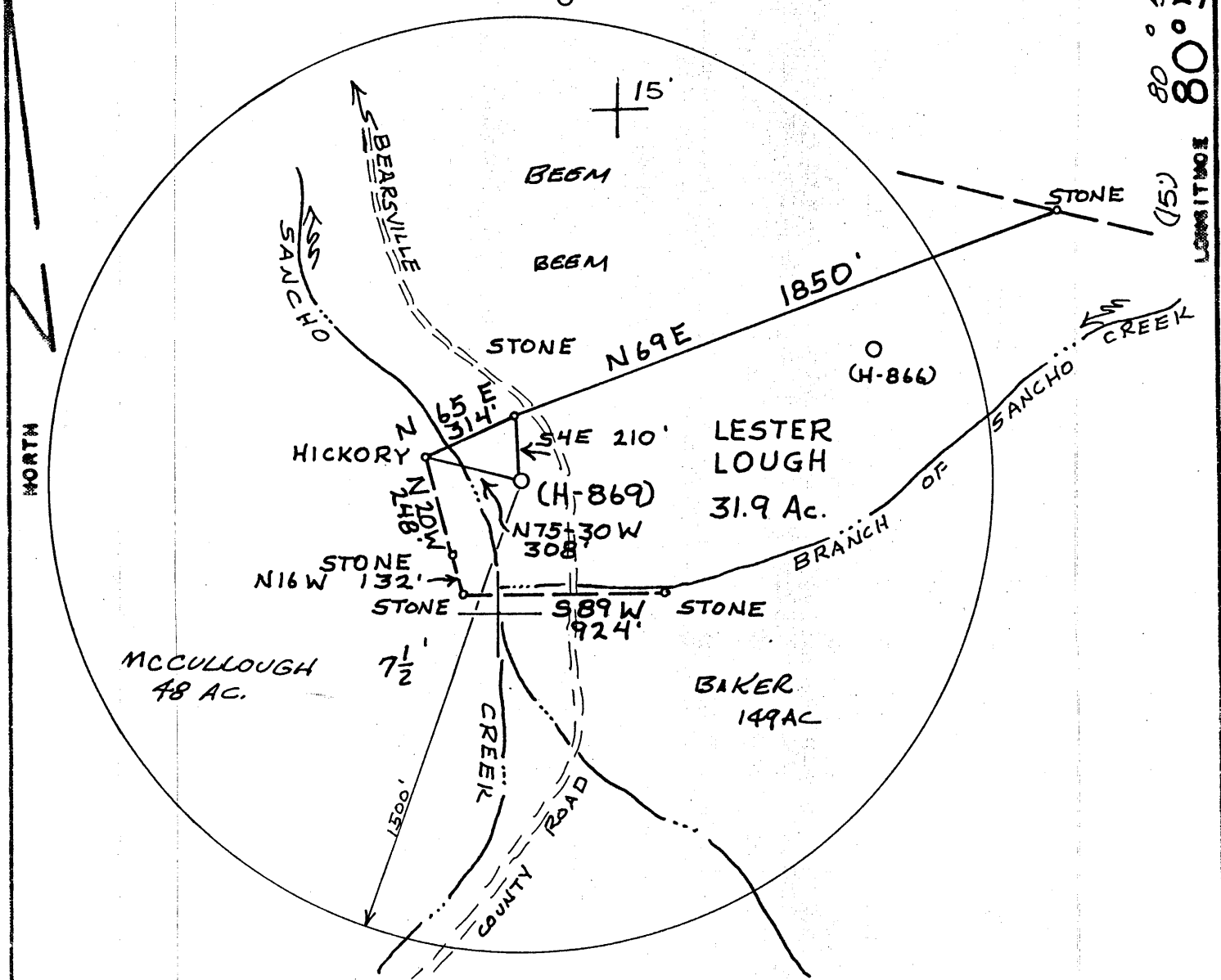


11/7/79

LATITUDE 39° 25'
10,540' SOUTH
9,170' WEST

80° 50'
80° 52 1/2'

LONGITUDE



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD ELEV. 851'

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. Moss*
 R.P.E. _____ L.L.S. 551

PLACE SEAL HERE

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



DATE 9 OCTOBER, 1979
 OPERATOR'S WELL NO H-869
 API WELL NO. 47-095-0742
 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 842' WATER SHED SANCHO CREEK
 DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE MIDDLEBOURNE, W.VA. 7 1/2' QUAD., WEST UNION 15'
 SURFACE OWNER LESTER LOUGH ACREAGE 31.9
 OIL & GAS ROYALTY OWNER LESTER LOUGH LEASE ACREAGE 31.9
 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 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

London sands 2100

11/7/79

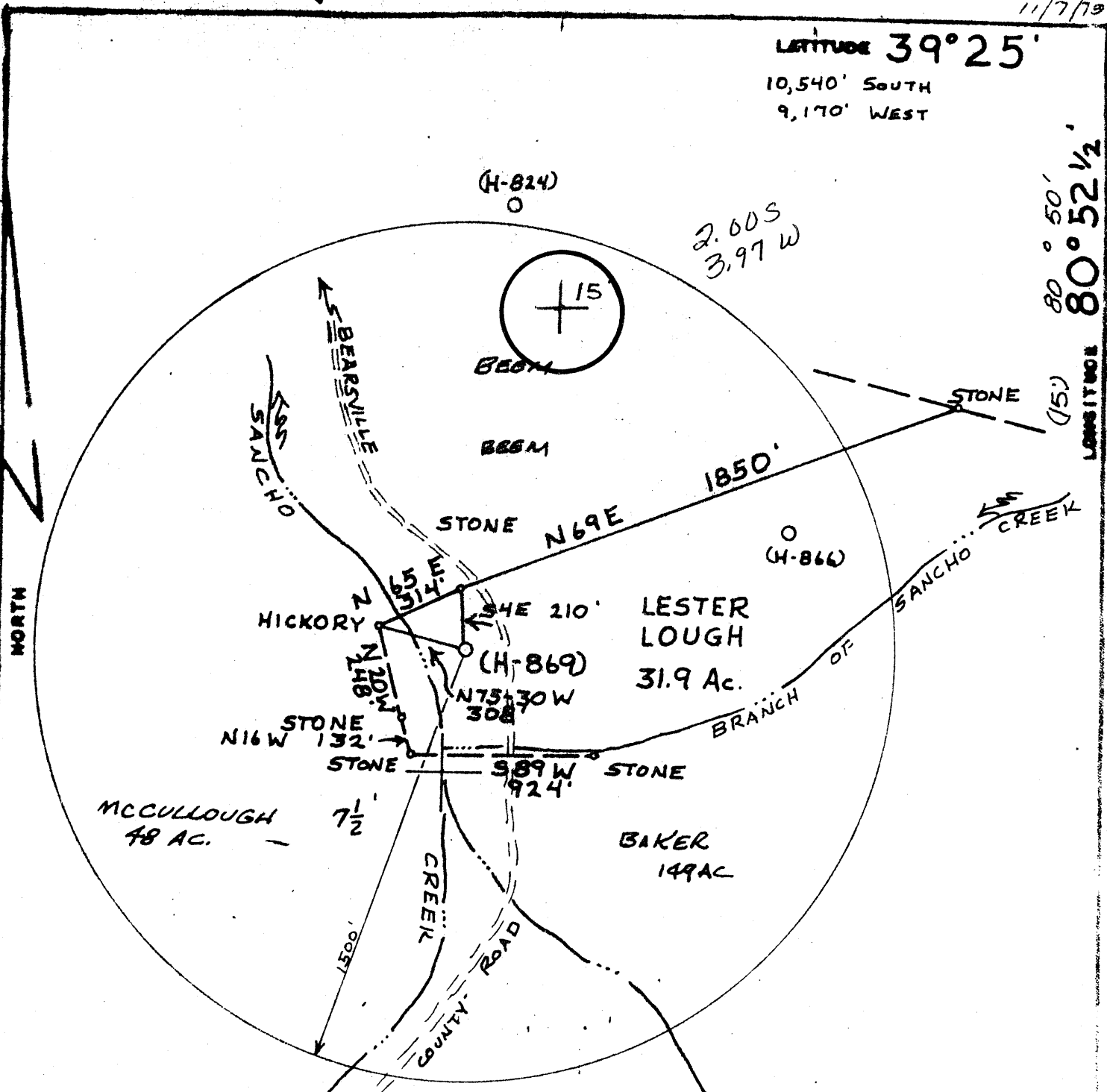
Latitude 39° 25'

10,540' South

9,170' West

80° 50' 80° 52 1/2'

NORTH



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD ELEV. 841'

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. Moore*
 R.P.E. L.L.S. 551

PLACE SEAL HERE

THIS NOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-B (8-78)



DATE 9 OCTOBER 1979
 OPERATOR'S WELL NO H-869
 API WELL NO 47-095 0742
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE OIL X GAS X LIQUID INJECTION WASTE DISPOSAL
 TIP GAS PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 842' WATER SHED SANCHO CREEK
 DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE MIDDLEBOURNE, W.VA. 7 1/2' QUAD, WEST UNION 15' C
 SURFACE OWNER LESTER LOUGH ACRES 31.9
 OIL & GAS ROYALTY OWNER LESTER LOUGH ACRES 31.9

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACURE OR STIMULATE PLUG OFF OLD FORMATION REGRATE NEW FORMATION OTHER PHYSICAL CHANGE TO WELL EXPECT

PLUG AND ABANDON CLEAN OUT AND REPLENISH ESTIMATED COST 3100 NOV 28 1979
 TARGET FORMATION GORDON
 WELL OPERATOR GLENN L. HAUGHT 2617B ADDRESS SMITHVILLE, W.VA. 2617B
 ADDRESS SMITHVILLE, W.VA. 2617B

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: 842' Watershed: Sancho Creek
District: Centerville County: Tyler Quadrangle: Middlebourne, WV 7

WELL OPERATOR Glenn L. Haught & Sons DESIGNATED AGENT Warren R. Haught
Address Smithville, WV 26178 Address Smithville, WV 26178

OIL & GAS ROYALTY OWNER Lester Lough
Address Rt. 2 Box 147
Pennsboro, WV 26415

COAL OPERATOR None
Address _____

ACREAGE 31.9
SURFACE OWNER Lester Lough
Address Rt. 2 Box 147
Pennsboro, WV 26415
ACREAGE 31.9

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
Address _____

RECEIVED
NOV - 7 1979

FIELD SALE (IF MADE) TO:
Name _____
Address _____

Address OIL & GAS DIVISION
DEPT. OF MINES

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Kenneth Paul Goodnight
Address Smithville, WV 26178
477-3660

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

*Phil Tracy
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 Sept. 5, 19 79, to the undersigned well operator from Lester Lough & Frèda his wife

[If said deed, lease, or other contract has been recorded:]
Recorded on Oct. 4, 19 79, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 221 at page 536. 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) 548-3092

GLENN L. HAUGHT & SONS
Well Operator

By Warren R. Haught
Its Partner

BLANKET BOND

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, Gordon Sands

Estimated depth of completed well, 3100 feet Rotary 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

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	10 3/4			X		300'	300'	125 Sacks	
Coal									Sizes
Intermediate	7"			X		1800'	1800'	20 Sacks	
Production	4 1/2"	K-55	10.5#	X			3100'	200 Sacks	Depths set
Lining									
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-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 7-8-80.

[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 § 22-4-29, 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