

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 80-5749-EE  
 DRAWING NO. 80-5749-EE  
 SCALE 1" = 600'  
 MINIMUM DEGREE OF ACCURACY 1 IN 2500  
 PROVEN SOURCE OF ELEVATION B.M. 1108 ON WILEYVILLE TOPO

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) Henry M. Parsons  
 R.P.E. \_\_\_\_\_ L.L.S. # 98

STATE OF WEST VIRGINIA  
 No. 98  
 STATE OF WEST VIRGINIA  
 LAND SURVEYOR  
 PLACE SEAL HERE

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

DATE JUNE 7, 19 84  
 OPERATOR'S WELL NO. NORMAN HAESSLY #3  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW

LOCATION: ELEVATION 1155' WATER SHED LYNN CAMP RUN  
 DISTRICT PROCTOR COUNTY WETZEL  
 QUADRANGLE WILEYVILLE

SURFACE OWNER NORMAN E. HAESSLY, ETAL DBA & HAESSLY HARDWOOD ACREAGE 90 ACRE UNIT  
 OIL & GAS ROYALTY OWNER H.L. CALVERT LEASE ACREAGE \_\_\_\_\_  
 LEASE NO. HB-324-681

PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

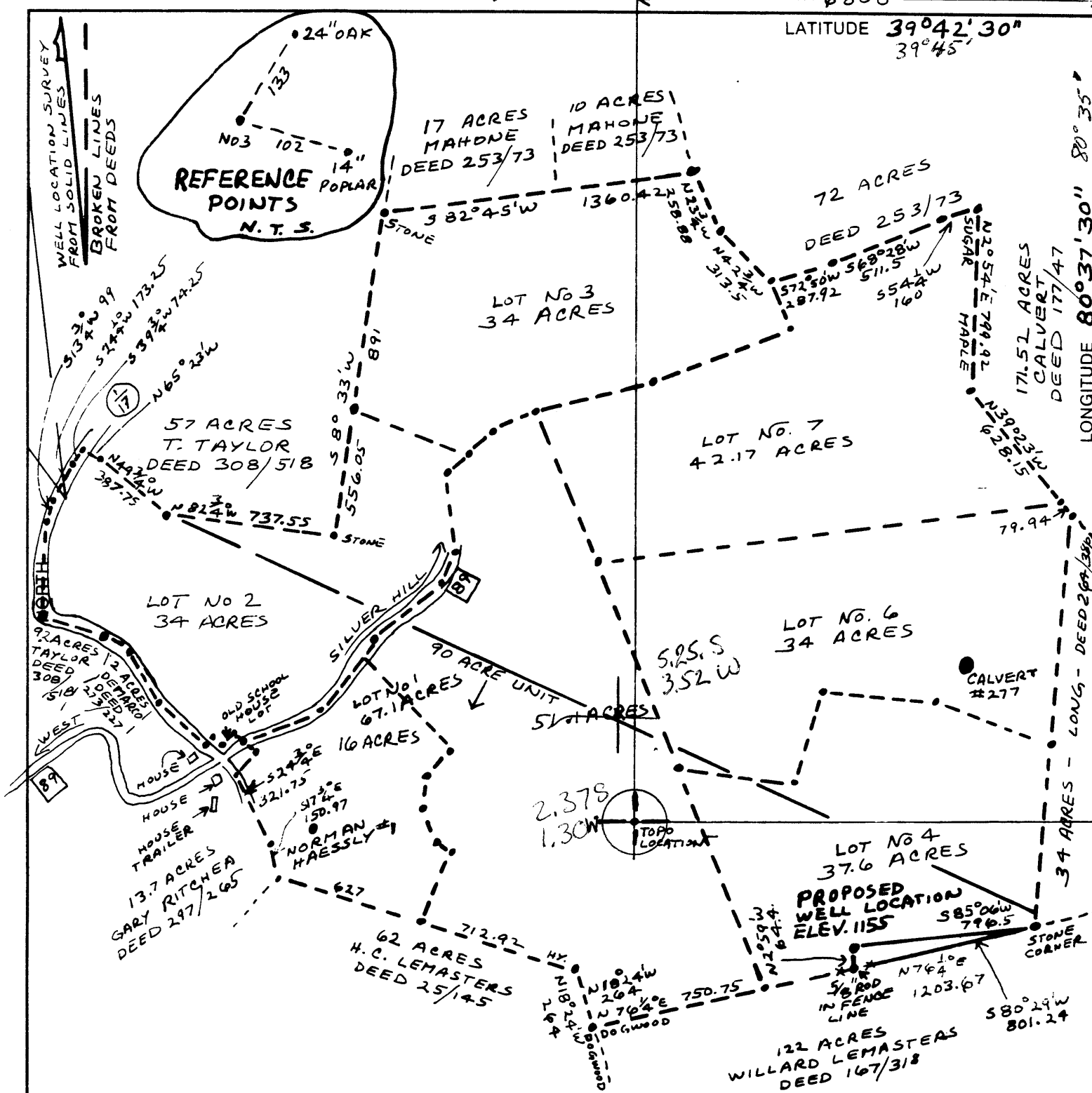
PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION GORDON ESTIMATED DEPTH 3247'  
 WELL OPERATOR HADDAD AND BROOKS, INC DESIGNATED AGENT HENRY M. PARSONS  
 ADDRESS 905 WASHINGTON ROAD, BOX 714 ADDRESS 121 GLENVIEW DRIVE, NEW MARTINSVILLE  
WASHINGTON, PA 15301-1153 267 WV 26155

NOV 03 1986

DRAWING No. 80-5749-EE

FORM IV-6 (8-78)  
 H.T. HALL

COUNTY NAME WETZEL  
 PERMIT 1310



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 DEPARTMENT OF MINES  
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LOCATION: ELEVATION 1155' WATERSHED LYNN CAMP RUN  
 DISTRICT PROCTOR COUNTY WETZEL

QUADRANGLE WILEYVILLE 681 LITTLETON 067 NC2  
 SURFACE OWNER NORMAN E. HAESSLY, ETAL DBA HAESSLY HARDWOOD ACREAGE 90 ACRE UNIT  
 OIL & GAS ROYALTY OWNER H.L. CALVERT LEASE ACREAGE \_\_\_\_\_

LEASE NO. HB-324-681  
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 WELL OPERATOR HADDAD AND BROOKS, INC 367 DESIGNATED AGENT HENRY M. PARSONS  
 ADDRESS 905 WASHINGTON ROAD, BOX 714 ADDRESS 121 GLENVIEW DRIVE, NEW MARTINSVILLE  
WASHINGTON, PA 15301-1153 WV 26155

FORM IV-6 (8-78)

COUNTY NAME PERMIT

AUG 13 1984



1) Date: June 25, 19 84  
 2) Operator's N. Haessly #3  
 Well No. \_\_\_\_\_  
 3) API Well No. 47 103 1310  
 State County Permit

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

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil  Gas  B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow )
- 5) LOCATION: Elevation: 1155' GL Watershed: Lynn Camp Run  
 District: Proctor County: Wetzel Quadrangle: Wileyville 7.5 min.
- 6) WELL OPERATOR Haddad and Brooks, Inc.  
 Address 905 Washington Rd., Box 714  
Washington, PA 15301-1153
- 7) DESIGNATED AGENT Henry M. Parsons  
 Address 121 Glenview Drive  
New Martinsville, WV 26155
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Robert A. Lowther  
 Address General Delivery  
Middlebourne, WV 26149
- 9) DRILLING CONTRACTOR:  
 Name Unknown  
 Address \_\_\_\_\_
- 10) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate   
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Gordon
- 12) Estimated depth of completed well, 3247 feet
- 13) Approximate strata depths: Fresh, N/A feet; salt, 2220 feet.
- 14) Approximate coal seam depths: 996' Is coal being mined in the area? Yes \_\_\_\_\_ / No

RECEIVED  
 JUL 16 1984

OIL & GAS DIVISION  
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			New		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.		Used	For drilling	Left in well		
Conductor	11 3/4"	H40	38#		X	80'	80'		Kinds
Fresh water									
Coal									Sizes 275 sks 50:50 Lite-
Intermediate	8 5/8"	J55	24#		X	1060'	1060'	CTS	poz + 4% CaCl
Production	4 1/2"	J55	10.5#	X			3200'	120 sks Thix.	Depths set (11 hr. WOC)
Tubing									Tailed in w/50 sks
Liners									Perforations: Neat + 4% CaCl
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-103-1310 Date August 9 19 84

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. 8) 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.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

August 9, 1986

Permit expires \_\_\_\_\_ unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
BLANKET	LS	ML	MH	298

Margaret J. Haess  
 Administrator, Office of Oil and Gas

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

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File