

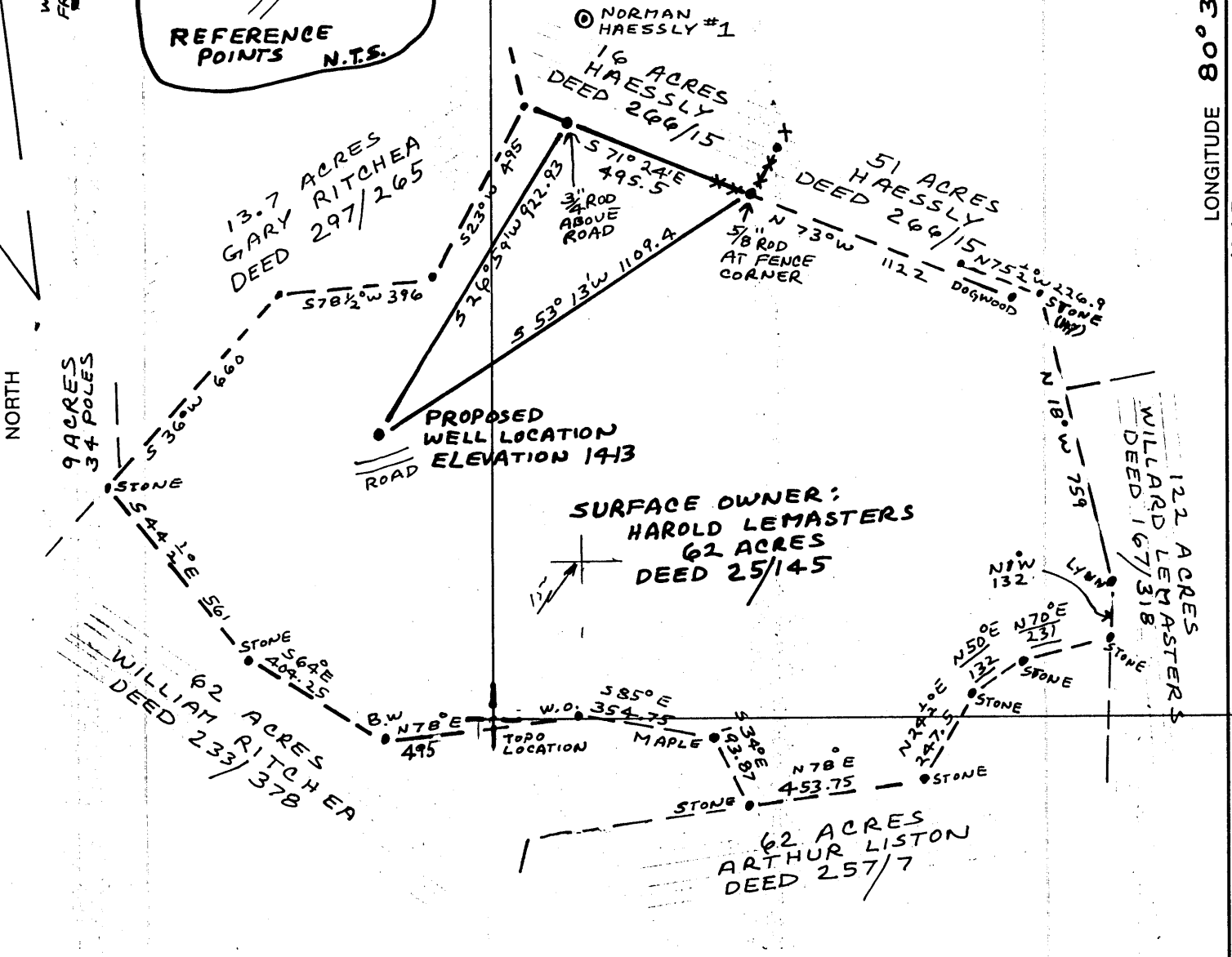
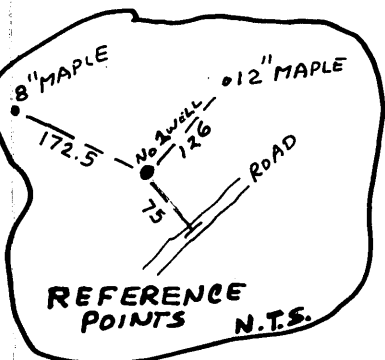
272/10/10/84

9400

LATITUDE 39°42'30"

LONGITUDE 80°37'30"

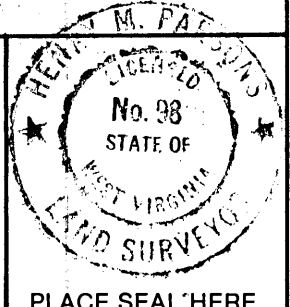
WELL LOCATION SURVEY FROM SOLID LINES  
BROKEN LINES FROM DEEDS



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

FILE NO. 80-5749-FF  
 DRAWING NO. 80-5749-FF  
 SCALE: 1" = 400'  
 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  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE JUNE 15, 19 84  
 OPERATOR'S WELL NO. H. LEMASTERS #1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1413' WATERSHED MIDDLE FORK OF LYNN CAMP RUN  
 DISTRICT PROCTOR COUNTY WETZEL

QUADRANGLE WILEYVILLE  
 SURFACE OWNER H. C. LEMASTERS ACREAGE 62 ACRES  
 OIL & GAS ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_

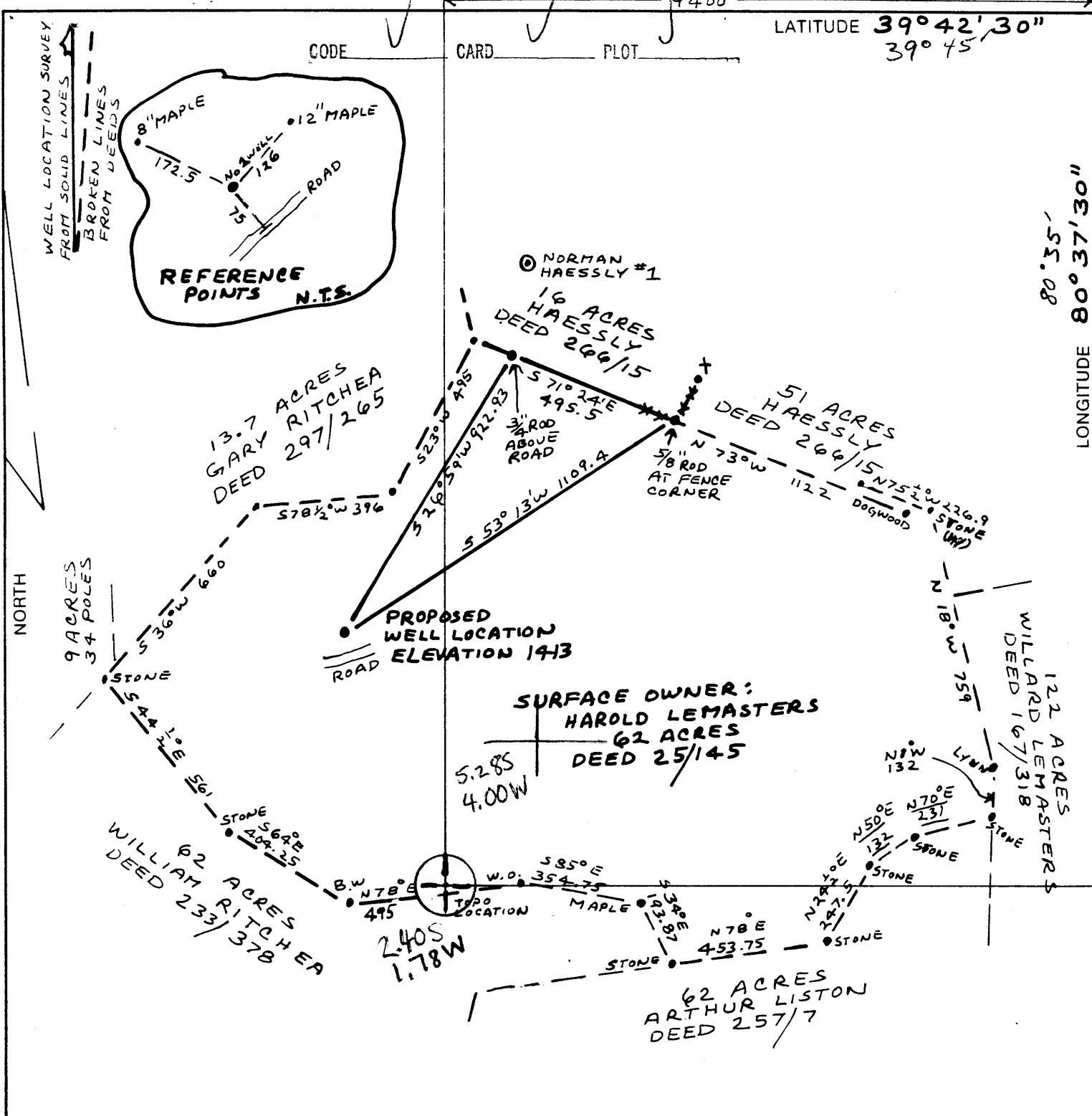
PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION GORDON ESTIMATED DEPTH 3493'  
 WELL OPERATOR HADDAD AND BROOKS, INC. DESIGNATED AGENT HENRY M. PARSONS  
 ADDRESS 905 WASHINGTON ROAD, BOX 714 WASHINGTON, PA 15301-1153 ADDRESS 121 GLENVIEW DRIVE, NEW MARTINSVILLE WV 26155

80-5749-FF

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

COUNTY NAME PERMIT



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

FILE NO. 80-5749-FF  
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 (SIGNED) Henry M. Parsons  
 R.P.E. \_\_\_\_\_ L.L.S. 98

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE JUNE 15, 1984  
 OPERATOR'S WELL NO. H. LEMASTERS #1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1413' WATERSHED MIDDLE FORK OF LYNN CAMP RUN  
 DISTRICT PROCTOR COUNTY WETZEL  
 QUADRANGLE WILEYVILLE 681 Littleton 067 NC 2  
 SURFACE OWNER H. C. LEMASTERS ACREAGE 62 ACRES  
 OIL & GAS ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_

LEASE NO. \_\_\_\_\_  
 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 3493'  
 WELL OPERATOR HADDAD AND BROOKS, INC. DESIGNATED AGENT HENRY M. PARSONS  
 ADDRESS 905 WASHINGTON ROAD, BOX 714 WASHINGTON, PA 15301-1153 ADDRESS 121 GLENVIEW DRIVE, NEW MARTINSVILLE WV 26155

80-5749-FF

FORM IV-6 (8-78)

H. T. HALL

COUNTY NAME

PERMIT



1) Date: June 26, 19 84  
 2) Operator's Well No. H. Lemasters #1  
 3) API Well No. 47 - 103 - 1314  
 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 X / Gas \_\_\_\_\_  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X)  
 5) LOCATION: Elevation: 1413' GL Watershed: Middle Fork of Lynn Camp Run 077H2  
 District: Proctor County: Wetzel Quadrangle: Wileyville  
 6) WELL OPERATOR Haddad and Brooks, Inc.  
 Address 905 Washington Rd., P. O. 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 X / 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, 3493 feet  
 13) Approximate strata depths: Fresh, N/A feet; salt, 2430 feet.  
 14) Approximate coal seam depths: 1242' Is coal being mined in the area? Yes \_\_\_\_\_

15) 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	11 3/4"	H40	38#		X	80'	80'	Kinds <i>Per Cement Variance Cause #44</i>
Fresh water								
Coal								Sizes 375 sks 50:50 Lite-
Intermediate	8 5/8"	J55	24#		X	1302'	1302'	poz + 4% CaCL
Production	4 1/2"	J55	10.5#	X			3450'	120 sks Thix. Depths set (11 hr. WOC)
Tubing								Tailed in w/50 sks
Liners								Perforations: Neat + 4% CaCL
								Top Bottom

**RECEIVED**  
 AUG 20 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-103-1314 Date October 10, 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.  
 Permit expires October 10, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>72</u>	Agent: <u>✓</u>	Plat: <u>MMU MMU</u>	Casing	Fee
BLANKET	<u>LO</u>	<u>MMU MMU</u>		<u>299</u>

*Margaret J. Hesse*  
 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