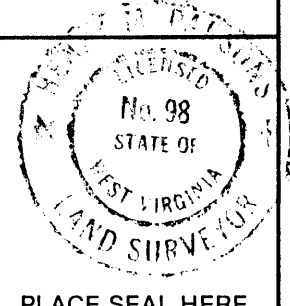


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 80-5749-DD
 DRAWING NO. 80-5749-DD
 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



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 #2
 API WELL NO. _____

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____ STATE COUNTY PERMIT
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW

LOCATION: ELEVATION 1464' WATERSHED LYNN CAMP RUN Cancelled
 DISTRICT PROCTOR COUNTY WETZEL

QUADRANGLE WILEYVILLE
 SURFACE OWNER NORMAN E. HAESSLY, ETAL DBA & HAESSLY HARDWOOD LUMBER CO. ACREAGE 90 ACRE UNIT
 OIL & GAS ROYALTY OWNER H.L. CALVERT LEASE ACREAGE _____

LEASE NO. 18-324-681
 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 3506'
 WELL OPERATOR HADDAD AND BROOKS, INC. DESIGNATED AGENT HENRY M. PARSONS
 ADDRESS 905 WASHINGTON ROAD, BOX 714 WASHINGTON, PA 15301-1153 367 ADDRESS 121 GLENVIEW DRIVE, NEW MARTINSVILLE, WY 26155

FORM IV-6 (8-78)

COUNTY NAME WETZEL
 PERMIT 1309

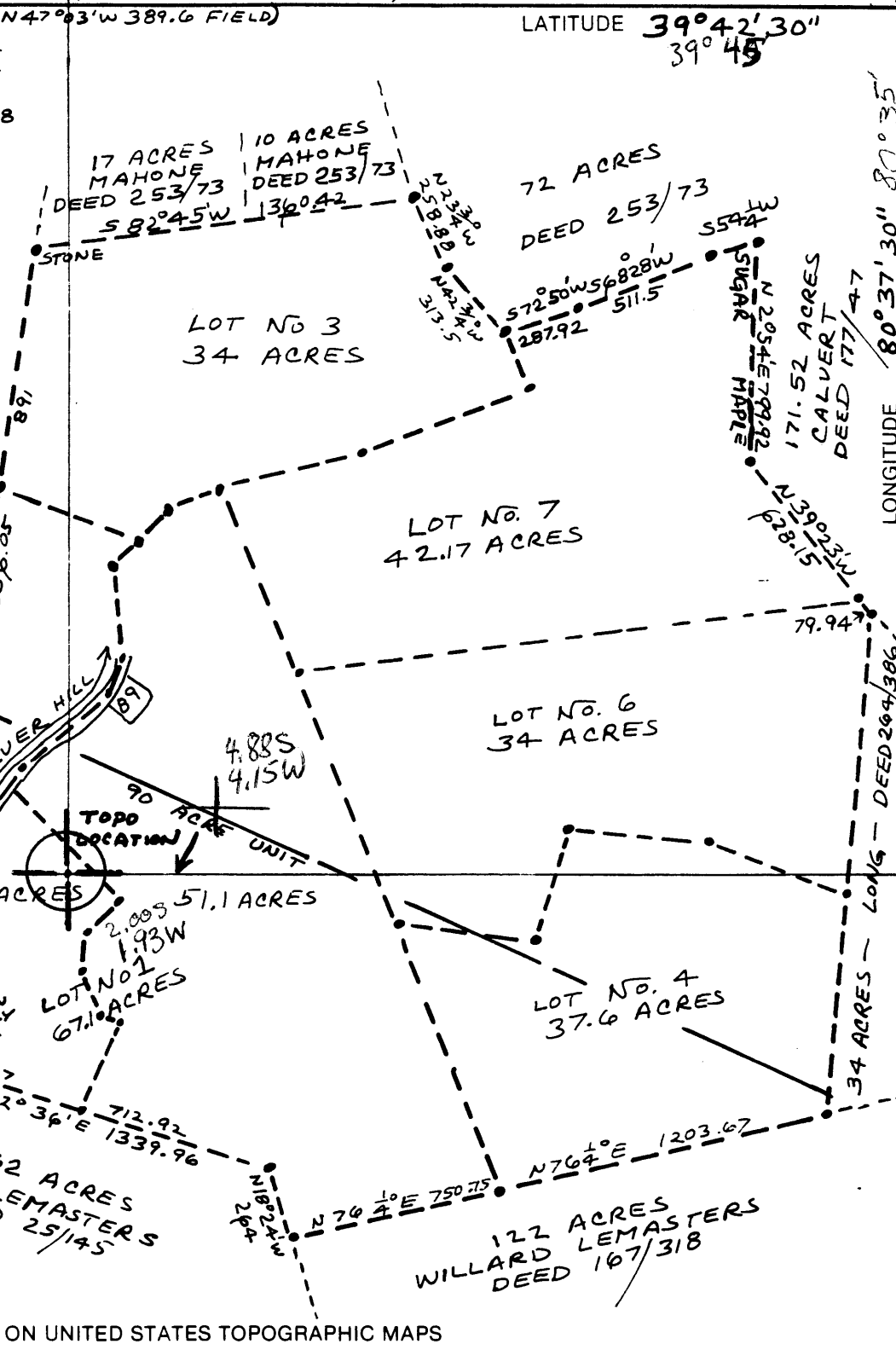
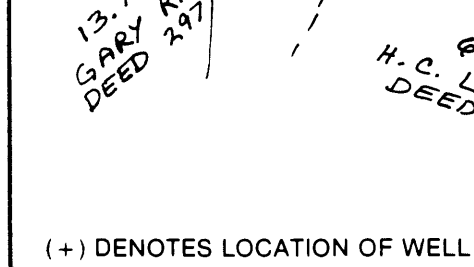
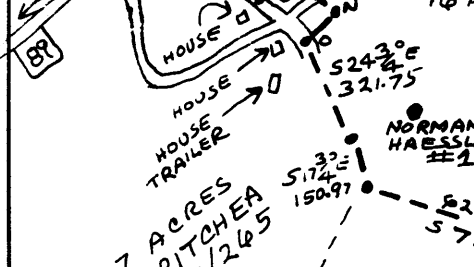
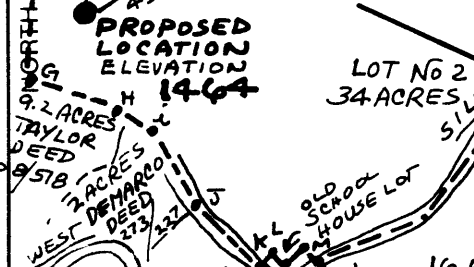
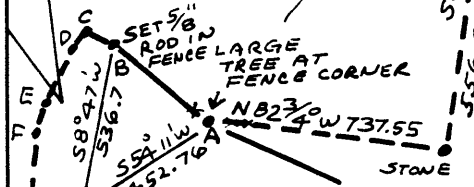
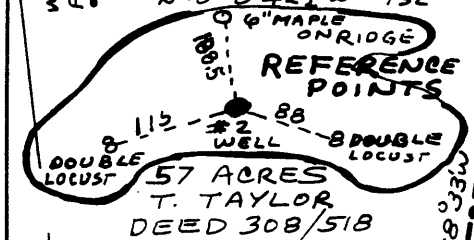
10,100

LATITUDE 39°42'30"
39°45'

- A-B N 49°15' W 387.7 (N 47°03' W 389.6 FIELD)
- B-C N 65°23' W 82.5
- C-D S 39°34' W 74.25
- D-E S 24°14' W 173.25
- E-F S 13°34' W 99
- F-G S 43°4' W 414.48
- G-H S 73°4' E 287.1
- H-I S 57°4' E 128.7
- I-J S 32°14' E 269
- J-K S 46°34' E 272.2
- K-L N 42° E 49.5
- L-L, S 48° E 49.5
- L-M N 42° E 82.5
- M-N S 47° E 148.5
- N-O S 42° W 132

WELL LOCATION SURVEY FROM SOLID LINES
BROKEN LINES FROM DEEDS

REFERENCE POINTS



LONGITUDE 80°37'30" 80°35'

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

FILE NO. 80-5749-DD
DRAWING NO. 80-5749-DD
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

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 #2
API WELL NO. _____

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
LOCATION: ELEVATION 1464' WATER SHED LYNN CAMP RUN
DISTRICT PROCTOR 7 COUNTY WETZEL
QUADRANGLE WILEYVILLE 681 LITTLETON 067 NC2
SURFACE OWNER NORMAN E. HAESSLY, ETAL DBA & HAESSLY HARDWOOD COMPANY CO. ACREAGE 90 ACRE UNIT
OIL & GAS ROYALTY OWNER H.L. CALVERT LEASE ACREAGE _____
LEASE NO. 8B-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 3506'
WELL OPERATOR HADDAD AND BROOKS, INC. 367 DESIGNATED AGENT HENRY M. PARSONS
ADDRESS 905 WASHINGTON ROAD, BOX 714 WASHINGTON, PA 15301-1153 ADDRESS 121 GLENVIEW DRIVE, NEW MARTINSVILLE, WY 26155

DRAWING NO. 80-5749-DD

AUG 13 1984

FORM IV-6 (8-78)

H.T. HALL

COUNTY NAME PERMIT



1) Date: June 25, 19 84
 2) Operator's N. Haessly #2
 Well No. _____
 3) API Well No. 47 103 1309
 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: 1464' 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., 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 / 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, 3506 feet
- 13) Approximate trata depths: Fresh, N/A feet; salt, 2480 feet.
- 14) Approximate coal seam depths: 1255' Is coal being mined in the area? Yes _____
- 15) CASING AND TUBING PROGRAM

RECEIVED
 JUL 16 1984

OIL & GAS DIVISION
 DEPT. OF MINE

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	11 3/4"	H40	38#		X	80'	80'		Kinds
Fresh water									
Coal									
Intermediate	8 5/8"	J55	24#		X	1315'	1315'		Sizes 375 sks 50:50 Lite-
Production	4 1/2"	J55	10.5#	X			3460'	120 sks Thix.	poz + 4% CaCl Depths set (11 hr. WOC) Tailed in w/50 sks Perforations: Neat + 4% CaCl
Tubing									Top Bottom
Liners									

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-103-1309 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: BLANKET	Agent: <u>ls</u>	Plat: <u>MU MU</u>	Casing	Fee <u>296</u>
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Margaret J. Wasse
 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