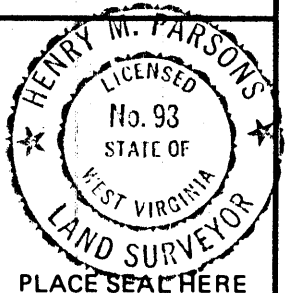


FILE NO. 80-5749
 DRAWING NO. B-5749-D
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION C&GS No S-126
B.M. ON WILEYVILLE TOPO WITH ELEV OF 1415.853

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



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



DATE APRIL 7, 1981
 OPERATOR'S WELL NO. PALMER No. 1
 API WELL NO. 103
47 - WETZEL 1232
 STATE COUNTY PERMIT

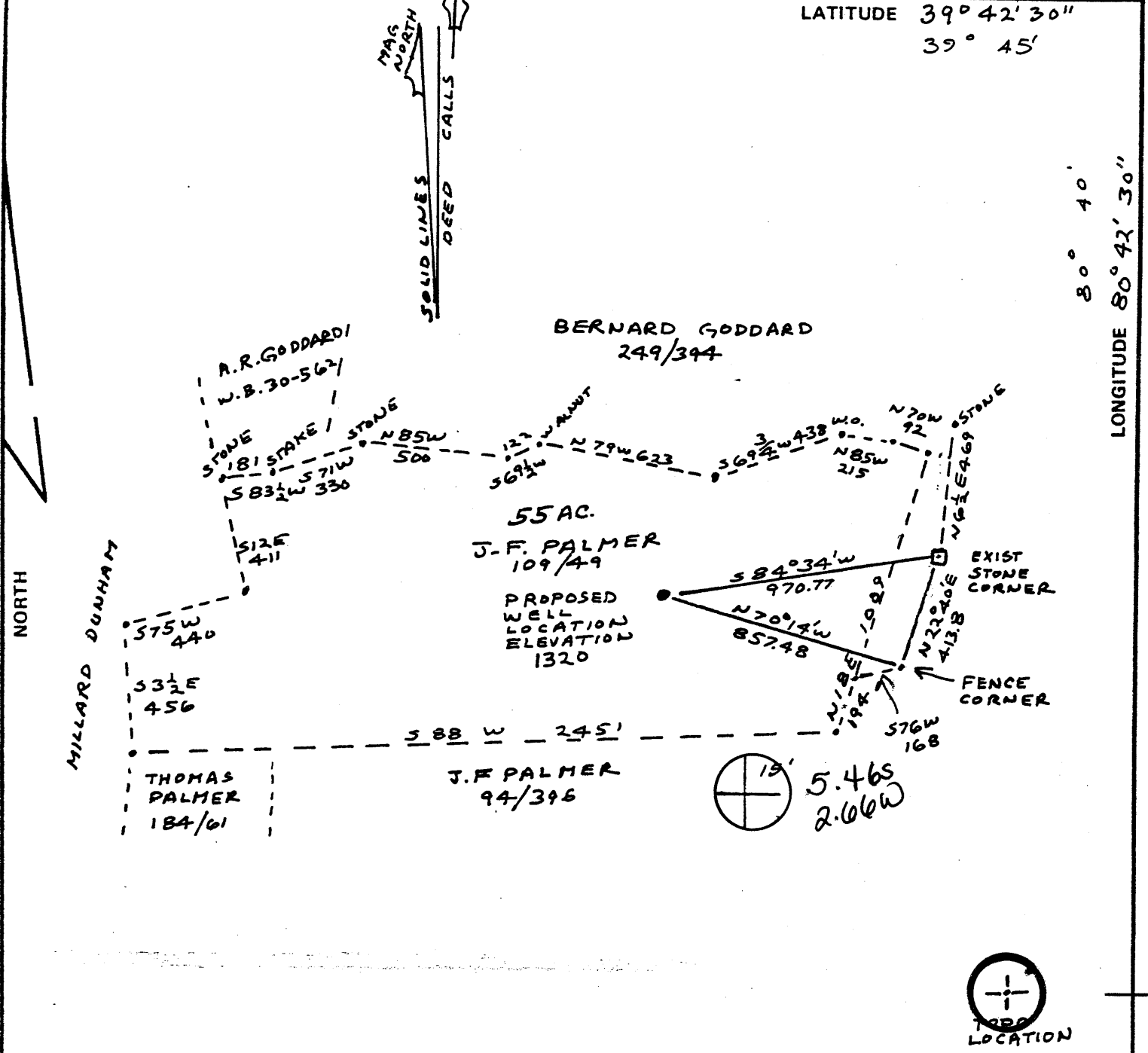
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

CANCELLED

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1320 WATER SHED HONEY RUN
 DISTRICT PROCTOR COUNTY WETZEL
 QUADRANGLE WILEYVILLE
 SURFACE OWNER J. F. PALMER ACREAGE 55
 OIL & GAS ROYALTY OWNER D.E. LEMASTERS, T. COOPER, M. LOHR, R. BOWERS LEASE ACREAGE 55
 LEASE NO. MO-2-604
 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 WARREN ESTIMATED DEPTH 4000'
 WELL OPERATOR HADDAD AND BROOKS, INC. DESIGNATED AGENT HENRY PARSONS
 ADDRESS 905 WASHINGTON ROAD WASHINGTON, PA 15301 ADDRESS 121 GLENVIEW DRIVE NEW MARTINSVILLE, WVA 26155

APR 27 1987



LATITUDE 39° 42' 30"
39° 45'

LONGITUDE 80° 42' 30"
80° 40'

NORTH

MILLARD DUNHAM

A.R. GODDARD
W.B. 30-562

BERNARD GODDARD
249/344

55 AC.
J.F. PALMER
109/49

PROPOSED WELL LOCATION
ELEVATION 1320

THOMAS PALMER
184/61

J.F. PALMER
94/396

19'
5.46S
2.06W



FILE NO. 80-5749
DRAWING NO. B-5749-D
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 IN 2500
PROVEN SOURCE OF ELEVATION C&GS No S-126
B.M. ON WILEYVILLE TOPO WITH ELEV OF 1415.853

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



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



DATE APRIL 7, 1981
OPERATOR'S WELL NO. PALMER No 1
API WELL NO. 103
47 - WETZEL 1232
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 1320 WATER SHED HONEY RUN
DISTRICT PROCTOR COUNTY WETZEL
QUADRANGLE WILEYVILLE Littleton NW
SURFACE OWNER J.F. PALMER ACREAGE 55
OIL & GAS ROYALTY OWNER DE. LEMASTERS, T. COOPER, M. LOHR, R. BOWERS LEASE ACREAGE 55
LEASE NO. MO-2-604
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 WARREN ESTIMATED DEPTH 4000'
WELL OPERATOR HADDAD AND BROOKS, INC. DESIGNATED AGENT HENRY PARSONS
ADDRESS 905 WASHINGTON ROAD ADDRESS 121 GLENVIEW DRIVE
WASHINGTON, PA 15301 NEW MARTINSVILLE, WVA 26155

JUN 4 1981



THIS PERMIT MUST BE POSTED AT THE WELL SITE STATE OF WEST VIRGINIA DEPARTMENT OF MINES

RECEIVED
MAY - 8 1981

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for Drilling. This permit shall be valid if operations have not commenced by 1-27-82.

Oil and Gas Division
OIL AND GAS WELL PERMIT APPLICATION

Paul J. Brooks
Deputy Director - Oil & Gas Division

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

Surface Owner See Note Below
Address _____
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator _____
Address _____

DATE May 6, 1981
Company Haddad & Brooks, Inc.
Address 905 Washington Rd., Washington, PA
Farm J. F. Palmer MO-2-604 Acres 55 15301
Location (waters) Honey Run
Well No. 1 Elevation 132
District Proctor County Wetzel
Quadrangle Wileyville

Note: Surface & Mineral Owners:

- | | |
|---|--|
| Thomas & Gloria Cooper
950 Hawkins Road
Fenton, MO 63026
lease recorded on
9/11/80 in Wetzel
Co., Book 60A, p301. | M. Neil & Carol Lohr
1442 Main Street
Princeton, WV 24740
lease recorded on
9/2/80 in Wetzel
Co., Book 60A, p270. |
| Rohn J. & John Bowers
818 Maple Street
Bridgeport, WV 26330
lease recorded on
8/28/80 in Wetzel
Co., Book 60A, p223. | Delia Lemasters
1444 Graham
St. Louis, MO 63139
lease recorded on
9/11/80 in Wetzel
Co., Book 60A, p317. |

INSPECTOR
TO BE NOTIFIED Phil Tracy
ADDRESS Middlebourne, WV 26149
PHONE 304-758-4573

ENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having title thereto, (or as the case may be) under grant or lease dated Aug. 12 & Aug. 18 19 80 by See Note Above made to Mobay Chemical Corp. and recorded on the See Above day of 2, in _____ County, Book _____ Page _____

X NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATION
OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days.

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal owners at their above shown respective address 6th day May before, or on the day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

EASE SUBMIT COPIES OF ALL
PHYSICAL LOGS DIRECTLY TO:

OFFICE OF OIL AND GAS
15 Washington Street, East
Charleston, West Virginia
Phone Code 304 -348-3092 348-3096

Very truly yours,
(Sign Name) S.L. Brooks Vice President
S.L. Brooks Well Operator
Haddad and Brooks, Inc.
905 Washington Rd.
Street
Washington
City or Town
Pennsylvania 15301
State

BLANKET BOND

47-103-1232 PERMIT NUMBER

I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements.

G. Swartz

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME _____ NAME Henry Parsons
 ADDRESS _____ ADDRESS 121 Glenview Dr., New Martinsville
 TELEPHONE _____ TELEPHONE 304-455-3472 26155
 ESTIMATED DEPTH OF COMPLETED WELL: _____ ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: _____
 TYPE OF WELL: OIL _____ GAS _____ COMB. X STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
11 3/4"	60'	60'	
9 - 5/8			
8 - 5/8	1255'	1255'	Cement to Surface
7			
5 1/2			
4 1/2	4000'	4000'	Cement as needed
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 85 FEET 165 SALT WATER 1820' FEET
 APPROXIMATE COAL DEPTHS _____ 1065' Mapletown , 1165' Pittsburgh
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT CO OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. (WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECO MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMAN- BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHO ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of rece thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal un this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this locatic providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virgir Code.

 For Coal Company

 Official Title