

FILE NO. 80-5749
 DRAWING NO. 80-5749-A
 SCALE 1" = 1000
 MINIMUM DEGREE OF ACCURACY 1" IN 2500
 PROVEN SOURCE OF ELEVATION 1304 B.M. ON FRIENDSHIP RIDGE ON NEW MARTINSVILLE TOPO MAP (7.5)

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
 P.P.E. _____ L.L.S. # 90



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



DATE OCT 13, 1980
 OPERATOR'S WELL NO. FITZSIMMONS 1
 API WELL NO. 103-
47 - WETZEL 1202
 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 X
 LOCATION: ELEVATION 1237.5 WATER SHED LONG RUN
 DISTRICT PROCTOR COUNTY WETZEL
 QUADRANGLE NEW MARTINSVILLE EC
 SURFACE OWNER RAY FITZSIMMONS ACREAGE 124
 OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE SAME
 LEASE NO. MO-2-405
 PROPOSED WORK: DRILL X 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 3800
 WELL OPERATOR HADDAD & BROOKS DESIGNATED AGENT HENRY PARSONS
 ADDRESS 905 WASHINGTON ROAD ADDRESS 121 GLENVILLE DR. NOV 17 1980
2-2 WASHINGTON P.A. 15301 NEW MARTINSVILLE W.V. 26155

RECEIVED

JAN 27 1984



Amended ✓

IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES State of West Virginia Department of Mines Oil and Gas Division

Date 1/28/84 Operator's Well No. #1 Farm Raymond Fitzsimmons API No. 47-103 -1202

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal / (If "Gas," Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 1237.5 Watershed Long Run District: Proctor County Wetzel Quadrangle New Martinsville

COMPANY Haddad and Brooks, Inc. ADDRESS 905 Washington Rd., Washington, PA 15301 DESIGNATED AGENT Henry M. Parsons ADDRESS 121 Glenville Dr., New Martinsville, WV 26155 SURFACE OWNER Raymond Fitzsimmons ADDRESS Rt 7 Box 89, New Martinsville, WV 26155 MINERAL RIGHTS OWNER Same ADDRESS OIL AND GAS INSPECTOR FOR THIS WORK R.A. Lowther ADDRESS Middlebourne, WV 26149 PERMIT ISSUED June, 1981 DRILLING COMMENCED 9-14-81 DRILLING COMPLETED 9-21-81 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Warren Depth 3633 feet Depth of completed well 3833 feet Rotary X / Cable Tools Water strata depth: Fresh Unknown feet; Salt Unknown feet Drilled with fluid Coal seam depths: 965' (Pittsburgh Coal) Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 2220-2258' feet Gas: Initial open flow 62 Nat. Mcf/d Oil: Initial open flow 0 Bbl/d Final open flow 140 est. Mcf/d Final open flow 1 Bbl/d

Handwritten note: FDF 450 mcf + 180

Time of open flow between initial and final tests 6 hours Static rock pressure 475 psig (surface measurement) after 30 days shut in (If applicable due to multiple completion-- PI. card perf @ 3648 to 3678 & 3701 to 3726 2924.5'-2937' Second producing formation Warren combined pay zone depth 3648 - 3726' feet

Gas: Initial open flow N/A Mcf/d Oil: Initial open flow 0 Bbl/d Final open flow 312 combined est. Mcf/d Oil: Final open flow 0 Bbl/d

Time of open flow between initial and final tests 6 hours Static rock pressure 1000 psig (surface measurement) after 60 hours shut in

FEB 14 1984

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

11-16-81

Perforate Warren 1st with 18 holes (3648'-3678') and Warren 2nd with 10 holes (3701'-3726'). Fractured with 37,500 gal. of foamed diesel, 33,000# of 20/40 sand. Injected 15 BPM @ 5500 psi (Max.). Set bridge plug @ 3111'.

1-22-82

Perforate Thirty Foot with 14 holes (2924'-2937'). Fractured with 19,000 gallon gelled diesel, 7,500# 80/100 sand, 11,500# 20/40 sand.

9-21-82

Perforate Big Injun with 30 holes (2220'-2258'). Fractured with 600 barrels of 65 quality foam, 20,000# of 20/40 sand.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Undifferentiated	SS & SH		0'	2071'	Pittsburgh Coal @ 965'
Greenbrier	Tan	H	2071'	2152'	
Keener	Lt gy	H-S	2152'	2179'	
SH	Gy	S	2179'	2213'	
Big Injun	Wh-Gy	H-S	2213'	2353'	*Gas Show
SH & Slst	Gy	S	2353'	2544'	
Weir	Wh-lt gy	H	2544'	2590'	*Gas Show
SH & Slst	Gy	S	2590'	2726'	
Berea	Lt br-lt gy	H	2726'	2736'	*Gas Show
SH & Slst	Gy	S	2736'	2921'	
Thirty Ft.	Lt Gy	H-S	2921'	2938'	*Gas Show
SH & Slst	Gy	S	2938'	2964'	
Gordon Str.	Lt Gy	H-S	2964'	2970'	
Slst	Lt Gy	S	2970'	2978'	
Gordon	Wh	S	2978'	2981'	
SH	Lt Gy	S	2981'	3028'	
Fourth	Lt Gy	S	3028'	3039'	
SH & Slst	Gy	S	3039'	3080'	
Fifth	Lt Gy	S	3080'	3083'	
SH & Slst	Gy	S	3083'	3177'	
3ayard	Lt Gy	S	3177'	3194'	*Gas Show
SH & Slst	Gy	S	3194'	3633'	
Warren 1st	Lt Gy	S	3633'	3682'	*Gas Show
SH	Gy	S	3682'	3698'	
Warren 2nd	Lt Gy	S	3698'	3737'	*Gas Show
SH & Slst	Gy	S	3737'	3833' TD	

(Attach separate sheets as necessary)

Haddad and Brooks, Inc.

Well Operator

By: Carl A. Boe

Date: January 23, 1984

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

RECEIVED

NOV 15 1982



AMENDED

IV-35 (Rev 8-81)

Page 1

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

Date November 10, 1982

Operator's

Well No. 1

Farm Raymond Fitzsimmons

API No. 47 - 103 - 1202

State of West Virginia Department of Mines Oil and Gas Division

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal / (If "Gas," Production X / Underground Storage / Deep / Shallow X)

LOCATION: Elevation: 1237.5 Watershed Long Run District: Proctor County Wetzel Quadrangle New Martinsville

COMPANY Haddad and Brooks, Inc. ADDRESS 905 Washington Rd., Washington, PA 15301 DESIGNATED AGENT Henry M. Parsons ADDRESS 121 Glenville Dr., New Martinsville, WV 26155 SURFACE OWNER Raymond Fitzsimmons ADDRESS Rt 7 Box 89, New Martinsville, WV 26155 MINERAL RIGHTS OWNER Same ADDRESS

Table with 4 columns: Casing Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

OIL AND GAS INSPECTOR FOR THIS WORK R.A. Lowther ADDRESS Middlebourne, WV 26149 PERMIT ISSUED June, 1981 DRILLING COMMENCED 9-14-81 DRILLING COMPLETED 9-21-81

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION Warren Depth 3633 feet Depth of completed well 3833 feet Rotary X / Cable Tools Water strata depth: Fresh Unknown feet; Salt Unknown feet Drilled with fluid Coal seam depths: 965' (Pittsburgh Coal) Is coal being mined in the area? No

OPEN FLOW DATA Producing formation Warren Pay zone depth 3648'-3726' feet Gas: Initial open flow N/A Mcf/d Oil: Initial open flow 0 Bbl/d Final open flow combined 452 Mcf/d Oil: Final open flow 0 Bbl/d Time of open flow between initial and final tests 6 hours Static rock pressure 1000 psig (surface measurement) after 60 hours shut in (If applicable due to multiple completion--)

Second producing formation Thirty Foot Pay zone depth 2924.5'-2937 feet Gas: Initial open flow N/A Mcf/d Oil: Initial open flow 0 Bbl/d Final open flow combined 452 Mcf/d Oil: Final open flow 0 Bbl/d Time of open flow between initial and final tests 6 hours Static rock pressure 1000 psig (surface measurement) after 60 hours shut in

NOV 22 1982

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DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

11-16-81

Perforate Warren 1st with 18 holes (3648'-3678') and Warren 2nd with 10 holes (3701'-3726'). Fractured with 37,500 gal. of foamed diesel, 33,000# of 20/40 sand. Injected 15 BPM @ 5500 psi (Max.). Set bridge plug @ 3111'.

1-22-82

Perforate Thirty Foot with 14 holes (2924½'-2937'). Fractured with 19,000 gallon gelled diesel, 7,500# 80/100 sand, 11,500# 20/40 sand.

9-21-82

Perforate Big Injun with 30 holes (2220'-2258'). Fractured with 600 barrels of 65 quality foam, 20,000# of 20/40 sand.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Undifferentiated	SS & SH		0'	2071'	Pittsburgh Coal @ 965'
Greenbrier	Tan	H	2071'	2152'	
Keener	Lt gy	H-S	2152'	2179'	
SH	Gy	S	2179'	2213'	
Big Injun	Wh-Gy	H-S	2213'	2353'	*Gas Show
SH & Slst	Gy	S	2353'	2544'	
Weir	Wh-lt gy	H	2544'	2590'	*Gas Show
SH & Slst	Gy	S	2590'	2726'	
Berea	Lt br-lt gy	H	2726'	2736'	*Gas Show
SH & Slst	Gy	S	2736'	2921'	
Thirty Ft.	Lt Gy	H-S	2921'	2938'	*Gas Show
SH & Slst	Gy	S	2938'	2964'	
Gordon Str.	Lt Gy	H-S	2964'	2970'	
Slst	Lt Gy	S	2970'	2978'	
Gordon	Wh	S	2978'	2981'	
SH	Lt Gy	S	2981'	3028'	
Fourth	Lt Gy	S	3028'	3039'	
SH & Slst	Gy	S	3039'	3080'	
Fifth	Lt Gy	S	3080'	3083'	
SH & Slst	Gy	S	3083'	3177'	
Bayard	Lt Gy	S	3177'	3194'	*Gas Show
SH & Slst	Gy	S	3194'	3633'	
Warren 1st	Lt Gy	S	3633'	3682'	*Gas Show
SH	Gy	S	3682'	3698'	
Warren 2nd	Lt Gy	S	3698'	3737'	*Gas Show
SH & Slst	Gy	S	3737'	3833' TD	

(Attach separate sheets as necessary)

Inverness Petroleum, Inc.

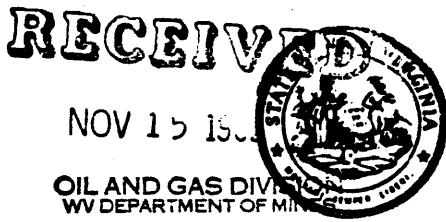
Well Operator

By: Carl A. Boe Geologist

Carl A. Boe

Date: November 10, 1982

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ... in the drilling of a well."



IV-35 (Rev 8-81)

Page 2

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

Date November 10, 1982
Operator's Well No. 1
Farm Raymond Fitzsimmons
API No. 47 - 103 - 1202

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas," Production / Underground Storage / Deep / Shallow)

LOCATION: Elevation: Watershed
District: County Quadrangle

COMPANY

ADDRESS

DESIGNATED AGENT

ADDRESS

SURFACE OWNER

ADDRESS

MINERAL RIGHTS OWNER

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK

ADDRESS

PERMIT ISSUED

DRILLING COMMENCED

DRILLING COMPLETED

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Depth feet

Depth of completed well feet Rotary / Cable Tools

Water strata depth: Fresh feet; Salt feet

Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 2220'-2258' feet

Gas: Initial open flow 62 Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow combined 452Mcf/d Final open flow 1 Bbl/d

Time of open flow between initial and final tests 6 hours

Static rock pressure 1000 psig(surface measurement) after 60 hours shut in (If applicable due to multiple completion--)

Second producing formation Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig(surface measurement) after hours shut in

NOV 6 1982

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforate Warren 1st with 18 holes (3648'-3678') and Warren 2nd with 10 holes (3701'-~~3726'~~). Fractured with 37,500 gal. of foamed diesel, 33,000# of 20/40 sand. Injected 15 BPM @ 5500 psi (Max.). Set bridge plug @ 3111'.

Perforate Thirty Foot with 14 holes (2924½-2937'). Fractured with 19,000 gallon gelled diesel, 7,500# 80/100 sand, 11,500# 20/40 sand.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Undifferentiated SS & SH			0'	2071'	Pittsburgh Coal @ 965'
Greenbrier	Tan	H	2071'	2152'	
Keener	Lt. gy.	H-S	2152'	2179'	
SH	Gy	S	2179'	2213'	
Big Injun	WH-Gy	H-S	2213'	2353'	*Gas Show
SH & Slst	Gy	S	2353'	2544'	
Weir	Wh-lt gy.	H	2544'	2590'	*Gas Show
SH & Slst	Gy	S	2590'	2726'	
Berea	Lt br-lt gy	H	2726'	2736'	*Gas Show
SH & Slst	Gy	S	2736'	2921'	
Thirty Ft.	Lt Gy	H-S	2921'	2938'	*Gas Show
SH & Slst	Gy	S	2938'	2964'	
Gordon Str.	Lt Gy	H-S	2964'	2970'	
Slst	Lt Gy	S	2970'	2978'	
Gordon	Wh	S	2978'	2981'	
SH	Lt Gy	S	2981'	3028'	
Fourth	Lt Gy	S	3028'	3039'	
SH & Slst	Gy	S	3039'	3080'	
Fifth	Lt Gy	S	3080'	3083'	
SH & Slst	Gy	S	3083'	3177'	
Bayard	Lt Gy	S	3177'	3194'	*Gas Show
Sh & Slst	Gy	S	3194'	3633'	
Warren 1st	Lt Gy	S	3633'	3682'	*Gas Show
SH	Gy	S	3682'	3698'	
Warren 2nd	Lt Gy	S	3698'	3737'	*Gas Show
SH & Slst	Gy	S	3737'	3833' TD	

(Attach separate sheets as necessary)

Haddad & Brooks, Inc.
Well Operator

By: Carl A. Boe Geologist *Carl A. Boe*

Date: *2-25-82*

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ~~all~~, encountered in the drilling of a well."



Date February 25, 1982

Operator's

Well No. 1

Farm Raymond Fitzsimmons

API No. 47 - 103 - 1202

RECEIVED State of West Virginia

Department of Mines
Oil and Gas Division

FEB 21 1982

RECEIVED

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 1237.5 Watershed Long Run
District: Proctor County Wetzel Quadrangle New Martinsville

COMPANY Haddad and Brooks, Inc.

ADDRESS 905 Washington Rd, Washington, PA 15301

DESIGNATED AGENT Henry M. Parsons

ADDRESS 121 Glenville Dr, New Martinsville, WV 26155

SURFACE OWNER Raymond Fitzsimmons

ADDRESS Rt 7 Box 89, New Martinsville, WV 26155

MINERAL RIGHTS OWNER Same

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK

Phil Tracy ADDRESS Middlebourne, WV 26149

PERMIT ISSUED June, 1981

DRILLING COMMENCED 9-14-81

DRILLING COMPLETED 9-21-81

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1058'	A11	150 sks Lite 125 sks Neat
7			
5 1/2			
4 1/2	3847'	A11	140 sks Lite 175 sks Thixo.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Warren Depth 3633 feet

Depth of completed well 3833 feet Rotary X / Cable Tools

Water strata depth: Fresh Unknown feet; Salt Unknown feet Drilled with fluid

Coal seam depths: 965' (Pittsburgh Coal) Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Warren Pay zone depth 3648'-3726' feet

Gas: Initial open flow N/A Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 239 Mcf/d Final open flow 0 Bbl/d

519 MCF Time of open flow between initial and final tests 6 hours

Static rock pressure 1375 psig (surface measurement) after 48 hours shut in
(If applicable due to multiple completion--)

Second producing formation Thirty Foot Pay zone depth 2924.5-2937 feet

Gas: Initial open flow N/A Mcf/d Oil: Initial open flow 0 Bbl/d

Final open flow 280 Mcf/d Oil: Final open flow 0 Bbl/d

Time of open flow between initial and final tests 2 hours

Static rock pressure 1025 psig (surface measurement) after 48 hours shut in

(Continue on reverse side)

MAR 13 1982

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

RECEIVED
JUN 25 1981

OIL AND GAS WELL PERMIT APPLICATION

OIL & GAS DIVISION
DEPT. OF MINES

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

DATE June 23, 1981
Company Haddad and Brooks, Inc.
Address 905 Washington Rd., Washington, PA
Farm Raymond Fitzsimmons Acres 124¹⁵³⁰¹
Location (waters) Long Run
Well No. 1 Elevation 1237.5
District Proctor County Wetzel
Quadrangle New Martinsville

Surface Owner Raymond Fitzsimmons
Address Route 7 Box 89, New Martinsville, WV
Mineral Owner Same 26155
Address _____
Coal Owner Arco
Address 1500 Security Life Bldg., Denver, CO
Coal Operator Same 80202
Address _____

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 renewed. This permit shall expire if operations have not commenced by 2-26-82.

J. E. Murray
Deputy Director - Oil & Gas Division

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

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated June 26 19 75 by Raymond and Verchie Fitzsimmons made to Mobay Chemical Corporation and recorded on the 26th day of July 19 75 in Wetzel County, Book 56A Page 35

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
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 operators or coal owners at their above shown respective address 17th day October before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

OFFICE OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia
Area Code 304 -348-3092 348-3096

Address
of
Well Operator

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

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

MARKET BOND

47-103-1202-REN. 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."
Signed by S.L. Brooks

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
OCT 20 1980

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

OIL & GAS DIVISION
DEPT. OF MINES

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

Surface Owner Raymond Fitzsimmons
Address Route 7 Box 89, New Martinsville, WV 26155
Mineral Owner Same
Address _____
Coal Owner Arco
Address 1500 Security Life Building, Denver, CO
Coal Operator Same 80202
Address _____

DATE October 17, 1980
Company Haddad and Brooks, Inc.
Address 905 Washington Rd, Washington, PA 15301
Farm Raymond Fitzsimmons Acres 124
Location (waters) Long Run
Well No. 1 Elevation 1237.5
District Proctor County Wetzel
Quadrangle New Martinsville

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 7-4-81.

[Signature]
Deputy Director - Oil & Gas Division

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

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated June 26 19 75 by Raymond and Verchie Fitzsimmons made to Mobay Chemical Corp. and recorded on the 26th day of July 19 75 in Wetzel County, Book 56A Page 35

NEW WELL DRILL DEEPER REDRILL FRACTURE OR STIMULATE
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 operators or coal owners at their above shown respective address 17th day October before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

OFFICE OF OIL AND GAS
1615 Washington Street, East
Charleston, West Virginia
Area Code 304 -348-3092 348-3096

Address
of
Well Operator

Very truly yours,
(Sign Name) [Signature] President
Well Operator
Haddad and Brooks, Inc.
905 Washington Road
Street
Washington
City or Town
Pennsylvania 15301
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-103-1202

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."

Signed by _____

[Signature]

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

Reissue of Permit

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____

DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____

NAME _____ NAME Henry Parsons

ADDRESS _____ ADDRESS 121 Glenville Dr., New Martinsville

TELEPHONE _____ TELEPHONE 304-455-3472 WV 26155

ESTIMATED DEPTH OF COMPLETED WELL: 3800 ROTARY X CABLE TOOLS _____

PROPOSED GEOLOGICAL FORMATION: Warren

TYPE OF WELL: OIL _____ GAS X COMB. _____ 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" X	60'	60'	
9 - 5/8			
8 - 5/8 X	1005'	1005'	Cement to surface
7			
5 1/2			
4 1/2 X	3800'	3800'	Cement as needed
3			Perf. Top <i>JL</i>
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 100 FEET 1200 SALT WATER 1860 FEET

APPROXIMATE COAL DEPTHS 865 Sewickley 965 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 COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

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

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE 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, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-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 receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under 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 location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

