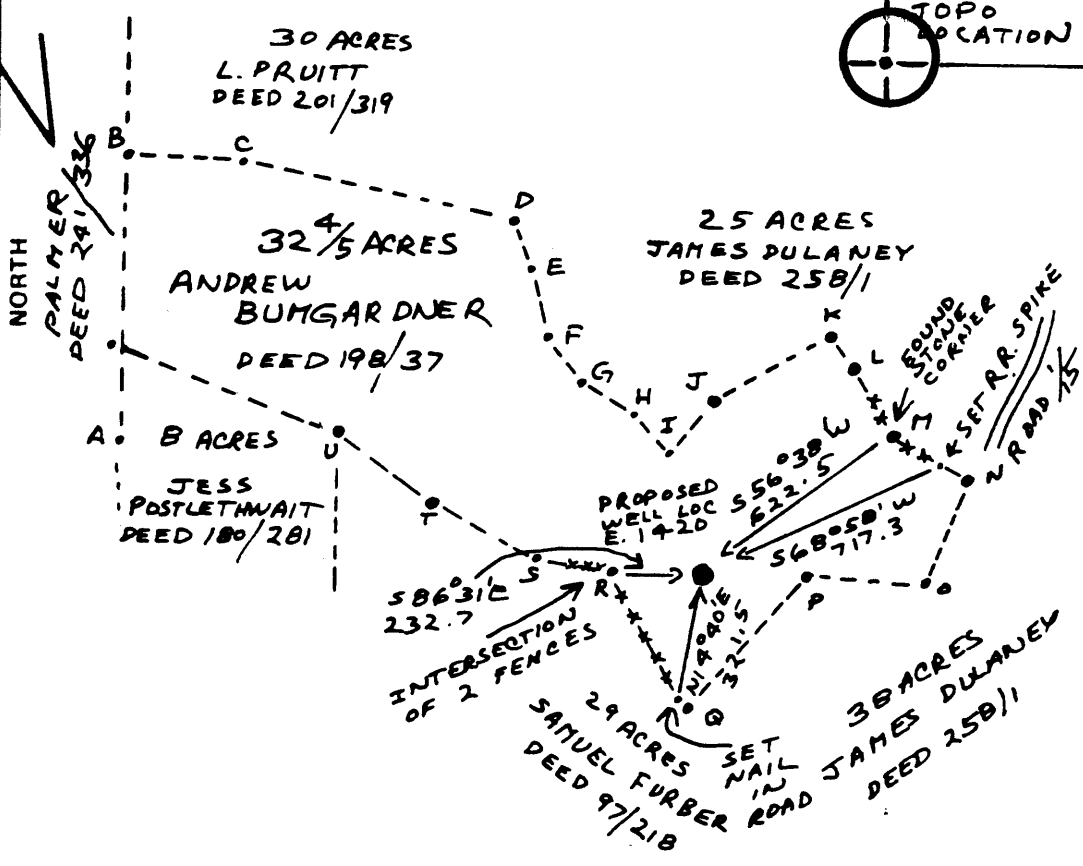


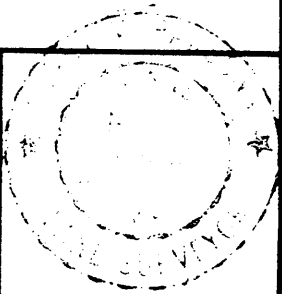
1.205
1.24W



AB	-N1050'E	729
AC	-S890'E	304
CD	-S77030'E	710
DE	-S220'E	137.5
EF	-S130'E	190
FG	-S360'E	132
GH	-S58030'E	165
HI	-S420'E	132
IJ	-N39030'E	170.5
JK	-N610'E	350
KL	-S350'E	99
LM	-S290'E	198
MN	-S600'E	231
NO	-S230'W	297(35)
OP	-N850'W	313.5
PQ	-S420'W	478.5
QR	-N28030'W(28030')	412.5
RS	-N850'W	198
ST	-N620'W	297
TU	-N550'W	310.5
UA	-N690'W	611

FILE NO. 80-5749
 DRAWING NO. 80-5749-E
 SCALE 1" = 500
 MINIMUM DEGREE OF ACCURACY 1 IN 2000
 PROVEN SOURCE OF ELEVATION C&G.S No. U 130 B.M. ON WILEYVILLE TOPO WITH ELEVATION OF 1372-84

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

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



DATE _____, 19____
 OPERATOR'S WELL NO. BUMGARDNER*
 API WELL NO. 103
47 - WETZEL - 1233 - Ren
 STATE COUNTY PERMIT

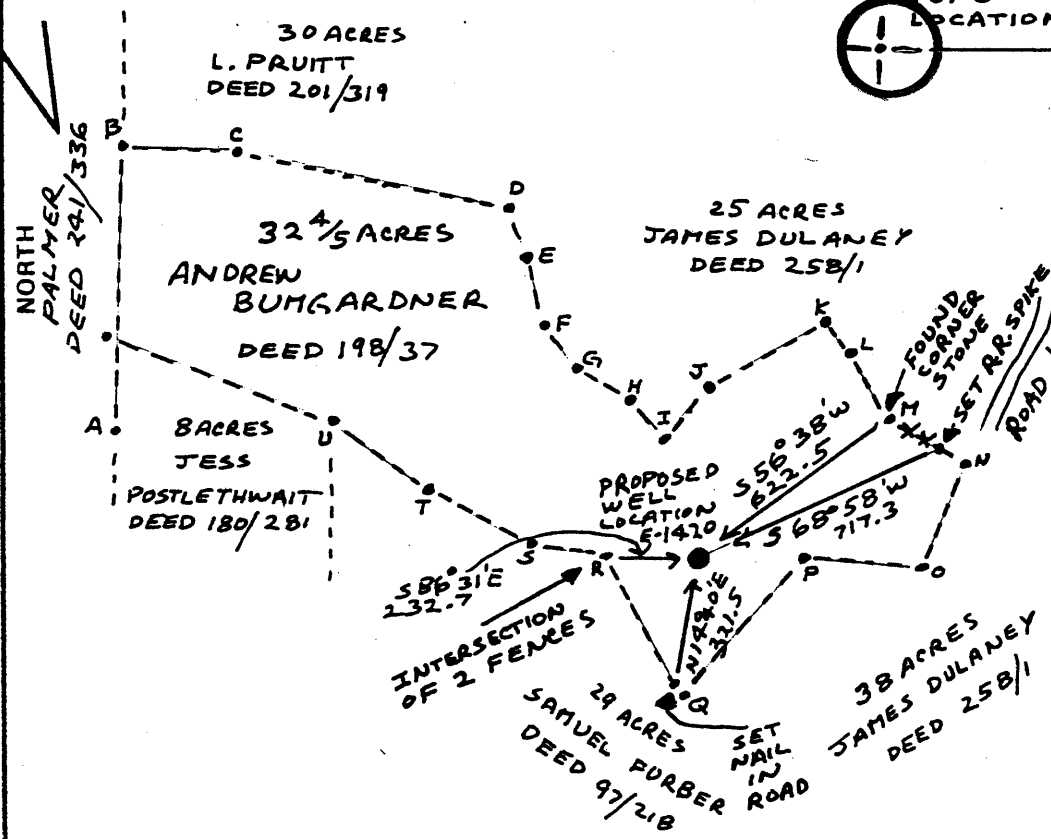
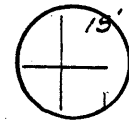
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1420 WATER SHED LITTLE FISHING CREEK
 DISTRICT PROCTOR COUNTY WETZEL
 QUADRANGLE WILEYVILLE Littleton WCA 4/5
 SURFACE OWNER ANDREW BUMGARDNER ACREAGE 32 4/5
 OIL & GAS ROYALTY OWNER SAME LEASE NO. MO-2-637 LEASE ACREAGE 32 4/5
 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 4300
 WELL OPERATOR WESCAP OIL & GAS COMPANY DESIGNATED AGENT DICK WRIGHT
 ADDRESS 333 SYLVAN AVE, ENGLEWOOD CLIFFS, N.J. ADDRESS 6224 WALMOTT DR, HUNTINGTON, W.V.
 07632 25701

AUG 11 1981

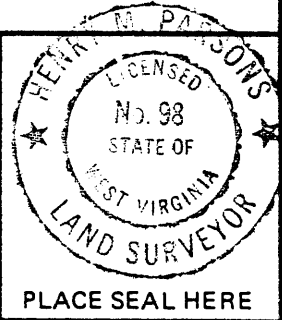
1.205
1.260



AB	- N 1° 50' E	729
BC	- S 89° E	304
CD	- S 77° 30' E	710
DE	- S 22° E	137.5
EF	- S 13° E	190
FG	- S 36° E	132
GH	- S 58° 30' E	165
HI	- S 42° E	132
IJ	- N 39° 30' E	170.5
JK	- N 61° E	350
KL	- S 35° E	99
LM	- S 29° E	148
MN	- S 60° E	231
NO	- S 23° W	297 (35)
OP	- N 85° W	313.5
PQ	- S 42° W	478.5
QR	- N 28° 30' W (28° 30')	412.5
RS	- N 85° W	198
ST	- N 62° W	297
TU	- N 55° W	310.5
UA	- N 69° W	411

FILE NO. 80-5749
 DRAWING NO. 80-5749-E
 SCALE 1" = 500
 MINIMUM DEGREE OF ACCURACY 1 IN 2000
 PROVEN SOURCE OF ELEVATION C&GS No. U 130
B.M. ON WILEYVILLE TOPO WITH ELEVATION OF 1372.84

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
B.P.E. L.L.S. 98



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)
 WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1420 WATER SHED LITTLE FISHING CREEK
 DISTRICT PROCTOR COUNTY WETZEL
 QUADRANGLE WILEYVILLE Littleton WC
 SURFACE OWNER ANDREW BUMGARDNER ACREAGE 32 4/5
 OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 32 4/5
 LEASE NO. MO-2-637
 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 4300'
 WELL OPERATOR HADDAD AND BROOKS DESIGNATED AGENT HENRY PARSONS
 ADDRESS 905 WASHINGTON ROAD WASHINGTON, PA 15301 ADDRESS 121 GLENVIEW DRIVE NEW MARTINSVILLE, WVA 26155

DATE MAY 5, 1981
 OPERATOR'S WELL NO. BUMGARDNER #1
 API WELL NO. 103
47 - WETZEL - 1233
 STATE COUNTY PERMIT



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



IV-35
(Rev 8-81)

Date February 25, 1982

State of West Virginia

Department of Mines
Oil and Gas Division

Operator's Well No. 1
Farm Andrew Bumgardner
API No. 47 - 103 - 1233

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: 1420 Watershed Little Fishing Creek
District: Proctor County Wetzel Quadrangle Wileyville

COMPANY Wescap Oil & Gas Company
ADDRESS 333 Sylvan Ave., Englewood Cliffs, N.J. 07632
DESIGNATED AGENT Henry M. Parsons
ADDRESS 121 Glenville Dr., New Martinsville, WV 26155
SURFACE OWNER Andrew Bumgardner
ADDRESS 763 Montana Ave., Akron, OH 44314
MINERAL RIGHTS OWNER Same
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK _____
Phil Tracy ADDRESS Middlebourne, WV 26149
PERMIT ISSUED May, 1981
DRILLING COMMENCED 8-13-81
DRILLING COMPLETED 8-26-81

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	1363'	All	150 sks Lite 150 sks Neat
7			
5 1/2			
4 1/2	4158'	All	30 sks 50 Poz 70 sks Thixo.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Warren Depth 4033' feet
Depth of completed well 4162' feet Rotary X / Cable Tools _____
Water strata depth: Fresh unknown feet; Salt unknown feet Drilled with fluid
Coal seam depths: 1235' (Pittsburgh Coal) Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Gordon Pay zone depth 3386-3404' feet
Gas: Initial open flow N/A Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 40 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 7 hours
Static rock pressure 525 psig (surface measurement) after 96 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

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

Notch Gordon at 3390'. Fractured with 480 bbl. gelled diesel, 14,000# 20/40 sand. Injected 12 BPM @ 3400 psi (Avg.)

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'	2476'	Pittsburgh Coal @ 1235'
Greenbrier	Tan	H	2476'	2566'	
Keener	Lt Gy	H-S	2566'	2618'	
SH	Gy	S	2618'	2627'	
Big Injun	Wt-Gy	H-S	2627'	2753'	*SSG
SH & Slst	Gy	S	2753'	2924'	
Weir	Wt-lt gy	H	2924'	2978'	*SG
SH & Slst	Gy	S	2978'	3122'	
Berea	Lt Br-lt gy	H	3122'	3161'	*SG
SH & Slst	Gy	S	3161'	3386'	
Gordon	Wt	S	3386'	3404'	*SG
SH	Lt Gy	S	3404'	3422'	
Fourth	Lt Gy	S	3422'	3432'	
SH & Slst	Gy	S	3432'	3507'	
Fifth	Lt Gy	S	3507'	3510'	*SG
SH & Slst	Gy	S	3510'	3584'	
Bayard	Lt Gy	S	3584'	3598'	*SG
SH & Slst	Gy	S	3598'	4033'	
Warren	Lt Gy	S	4033'	4064'	*SG
SH	Gy	S	4064'	4162'	T.D.

4162
 3404

 758 EXPL FT

*Shows from gas detector

(Attach separate sheets as necessary)

Haddad and Brooks, Inc.

Well Operator

By: Carl A. Bae Geologist

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."



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JUL 23 1981

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION OF MINES

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

Surface Owner Andrew Bumgardner
Address 763 Montana Ave., Akron, OH 44314
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator _____
Address _____

DATE July 20, 1981
Company Wescap Oil & Gas Company
Address 333 Sylvan Ave., Englewood Cliffs, NJ 07626
Farm Andrew Bumgardner M02-637 Acres 32 4/5
Location (waters) Little Fishing Creek
Well No. 1 Elevation 1420'
District Proctor County Wetzel
Quadrangle Wileyville

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 renewed drilling. This permit shall expire if operations have not commenced by 3-27-82.
[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 October 22 1980 by Andrew G. & Doris Bumgardner made to Mobay Chemical Corporation and recorded on the 8th day of December 1980, in Wetzel County, Book 60A Page 617

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 21st day July, 1981 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

Very truly yours,
(Sign Name) Robert O. Karsian President
Robert O. Karsian Well Operator
Wescap Oil & Gas Company
333 Sylvan Avenue
Street
Englewood Cliffs
City or Town
New Jersey
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

47-103-1233-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 _____

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAY 15 1981

Oil and Gas Division
OIL & GAS DIVISION
DEPT. OF MINES
OIL AND GAS WELL PERMIT APPLICATION

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

DATE 5/13/81
Company Haddad and Brooks, Inc.
Address 905 Washington Rd., Washington, PA 15301
Farm Andrew Bumgardner M02-637 Acres 32 4/5
Location (waters) Little Fishing Creek
Well No. 1 Elevation 1420'
District Proctor County Wetzel
Quadrangle Wileyville

Surface Owner Andrew Bumgardner
Address 763 Montana Ave., Akron, OH 44314
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator _____
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. This permit shall expire if operations have not commenced by 1-27-82.

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

Fred D. Burdette
Deputy Director - Oil & Gas Division

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 October 22 1980 by Andrew G. & Doris Bumgardner made to Mobay Chemical Corporation and recorded on the 8th day of December 1980, in Wetzel County, Book 60A Page 617

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 13th day May 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 & Brooks, Inc.
905 Washington Road
Street
Washington
City or Town
PA
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

47-103-1233

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

G. Sw.

