



1) Date: November 12, 19 82
 2) Operator's Well No. Gault #1
 3) API Well No. 47 073 1546
 State County Permit

DRILLING CONTRACTOR:

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 1040' Watershed: Middle Island Creel
 District: Union County: Pleasants Quadrangle: _____
- 6) WELL OPERATOR L & B Oil Company, Inc 11) DESIGNATED AGENT Loren E. Bagley
 Address P.O. Box C Address P.O. Box C
St. Marys, WV 26170 St. Marys, WV 26170
- 7) OIL & GAS ROYALTY OWNER Paul D. Gault 12) COAL OPERATOR None
 Address Rt. 1 Address _____
St. Marys, WV 26170
- 8) SURFACE OWNER Paul D. Gault 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address same Name None
 Address _____
 Name _____
 Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Lowther 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Address 3rd Street Name None
Middlebourne, WV 26149 Address _____

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- 15) PROPOSED WORK: Drill / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 17) Estimated depth of completed well, 5600 feet
- 18) Approximate water strata depths: Fresh, 80 feet; salt, none feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No

20) 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	Left in well		
Conductor	10"	RL	40.5	x		250	250	To surface	Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	RL	23	x		1200	1200	To surface	
Production	4 1/2	RL	10.5	x		5600	5600	By rule 150	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

- 21) EXTRACTION RIGHTS
 Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

- 23) Required Copies (See reverse side.)
 24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Betty Shingleton
 My Commission Expires August 4, 1992

Signed: Loren E. Bagley
 Its: President

OFFICE USE ONLY
DRILLING PERMIT
 Permit number 47-073-1546 Date November 17 19 82

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. 10) 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.)

Permit expires July 17, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent:	Plat: <u>M.J. M.J.</u>	Casing: <u>M.J.</u>	Fee: <u>005016</u>
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 Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____/ owner _____/ lessee _____/ of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19____

By _____

Its _____



IV-9
(Rev 8-81)

DATE 2 March 1982

WELL NO. Gault #1

State of West Virginia

API NO. 47 - 073 - 1546

Department of Mines

Oil and Gas Division

Construction & Reclamation Plan

COMPANY NAME L+B Oil Co., Inc.
ADDRESS 210 Second Street
St. Marys, W.Va. 26170
Telephone (304) 684-9399

DESIGNATED AGENT Loren E. Bagley
ADDRESS 210 Second Street
St. Marys, W.Va. 26170
Telephone (304) 684-9399

LANDOWNER Paul D. Gault

SOIL CONS. DISTRICT Upper Ohio

Revegetation to be carried out by Loren Bagley (Agent)

This plan has been reviewed by _____ SCD. All corrections and additions become a part of this plan: _____ (Date)

(SCD Agent)

ACCESS ROAD

LOCATION

Structure _____ (A) Structure _____ (1)

Spacing _____ Material _____

Page Ref. Manual _____ Page Ref. Manual _____

Structure _____ (B) Structure _____ (2)

Spacing _____ Material _____

Page Ref. Manual _____ Page Ref. Manual _____

Structure _____ (3) Structure _____ (3)

Spacing _____ Material _____

Page Ref. Manual _____ Page Ref. Manual _____

See Comments
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See Comments

OIL & GAS DIVISION
DEPT. OF MINES

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or straw 2 Tons/acre

Seed* KY 31 Tall Fescue 40 lbs/acre

Redtop 5 lbs/acre

Birdsfoot Trefoil 10 lbs/acre
lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or Straw 2 Tons/acre

Seed* KY31 Tall Fescue 40 lbs/acre

Redtop 5 lbs/acre

Birdsfoot Trefoil 10 lbs/acre
lbs/acre

PLAN PREPARED BY William R. Mossor, L.L.S.

ADDRESS 106 North Spring Street

Harrisville, W.Va. 26362

PHONE NO. (304) 643-4572

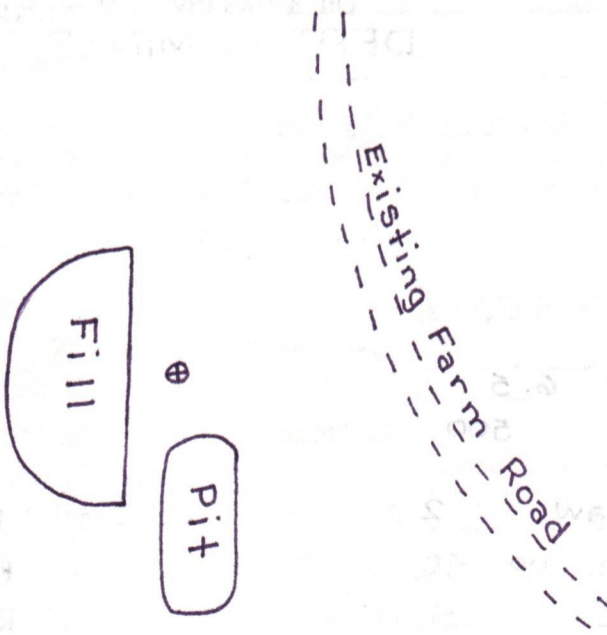
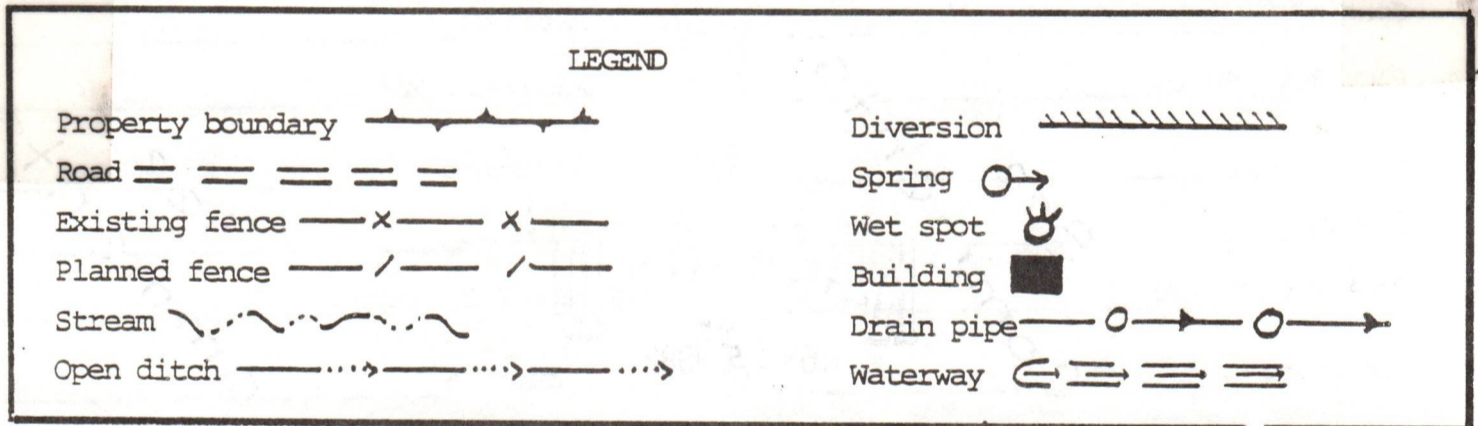
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE Bens Run 7 1/2'

LEGEND
WELL SITE ⊕ ACCESS ROAD —



Ske
dri
par



- Comments:
1. No Access Road Needed
 2. Brush and Trees to be Piled at Site
 3. No Cut Needed
 4. No Streams in Immediate Area
 5. _____

BOOK 172 PAGE 258

An Agreement made this _____ day of _____, 19____
between Paul D. Gault and/or Hilda Gault (Husband & Wife)

of the City of St. Marys County of Pleasants
and State of West Virginia Lessors and L. & B. Oil Company, Inc.
of 210 Second Street, St. Marys, State of West Virginia Lessee

WITNESSETH That the Lessor in consideration of one (1)
Dollar the receipt of which is hereby acknowledged, and of other valuable con-
siderations do hereby demise and grant unto the lessee
heirs or assigns, all the oil and gas in and under the following described tract
of land, and also the said tract of land for the purpose and with the exclusive
right of operating thereon for said oil and gas, together with the right-of-way,
the right to lay pipes over, and to use water from said premises, and also the
right to erect, or remove, at any time, all property placed there by the lessee
which tract of land is situated in _____ District _____ of _____
County of Pleasants and State of West Virginia and
bounded and described as follows, to-wit:

North by lands of J. F. Myers Estate & M. B. Smith Estate
East by lands of M. V. Smith Estate
South by lands of Same
West by lands of J. F. Myers Estate
containing twenty-four (24) acres, more or less.

To have and to hold the same unto the lessee their heirs and assigns for
the terms and period of six (6) months from the date hereof, and as much longer
as oil or gas is found in paying quantities thereon, yielding and paying to the
lessor s the one-eighth (1/8) part of all the oil produced and saved from
the premises delivered free of expense into tanks or pipe lines to the lessor's
credit, and should any well produce gas in sufficient quantities to justify the
marketing, the lessor s shall be paid at the rate of one-eighth (1/8) proceeds
dollars per year for such well, as long as the gas therefrom is sold.

In case no well shall be commenced on the above described premises within
six months from the date hereof, this lease shall become null and
void, and without any further effect whatever unless the lessee shall pay for
the delay at the rate of fifty dollars (\$50) dollars per
month until March 1, 1983 thereafter, until a well shall be com-
menced. Such payment may be made in hand or by check Paul D. and/or Hilda Gault.

AND IT IS FURTHER AGREED That the lessor, in consideration of the agreements
of the lessee herein contained, agreed that the lessee, his heirs or assigns, may
at any time surrender up this lease, by delivering same back to the lessor, his
heirs or assigns, endorsed with a surrender thereof, signed by him, and be for-
ever discharged and released from all moneys due or to become due and from all
obligations accrued or to accrue under this lease, and thereupon this lease shall
be and remain null and void, and of no further effect, and whatever moneys shall
have been received by the lessor herein shall be retained by him.

See Exhibit "A"

Prepared By John R Tice For L&B Oil Company Inc.

IN WITNESS WHEREOF The said parties have hereunto set their hands and seals, the day and year first above written.

Paul D. Gault (Husband) (SEAL) _____ (SEAL)
Hilda Gault (Wife) (SEAL) _____ (SEAL)
(SEAL) _____ (SEAL)
(SEAL) _____ (SEAL)
(SEAL) _____ (SEAL)

State of West Virginia County of Pleasants To-wit:
I, H.M. Gillespie, a Notary of said County of Pleasants
do certify that Paul D Gault & Hilda Gault (H & W)

whose name S signed to the writing above bearing date the 2nd day of
March, 1982 has this day acknowledged the same to be
Their free act and deed before me in my said county.

Given under my hand and notarial seal this 2 day of March 1982

My Commission Expires: 8-13-1990 H.M. Gillespie Notary Public

State of _____ County of _____ Office
_____, 19__.

The foregoing writing and the certificate of acknowledgment were this day
admitted to record in this office,

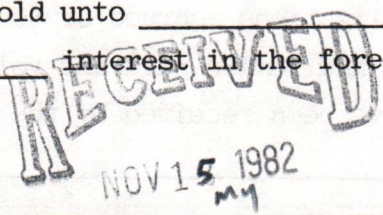
Attest: _____

Table with columns: OIL AND GAS LEASE NO., Acres, AGREEMENT, FROM, TO, Date, Term, LOCATION, Section No., Received for Record, Recorded, Book, Page, County, THE DIVISION OF INTERESTS, Rental \$, Per.

ASSIGNMENT OF LEASE

Know all men by the presents, that _____
for and in consideration of the sum of
_____ Dollars, the receipt of which is hereby
acknowledged, has this day transferred, conveyed, and sold unto
_____ my _____ interest in the fore-
going lease.

WITNESS:



OIL & GAS DIVISION
DEPT. OF MINES

EXHIBIT "A"

Free gas for one dwelling for each well including piping and regulators. Any and all drilling locations shall be mutually agreed upon by Lessor and Lessee. All working lines are to be underground at option of Lessor.

First wells must be completed to the shale or 1000 feet below the Berea.

Restoration of well sites must be restored within six months after completion of each well site.

If any well is shut in for any reason, Lessee shall pay Lessor the rate of \$50 per month for each well shut in.

If no oil or gas is marketed by Lessee (1) year after completion of first well, this lease shall be null and void and of no further effect and whatever moneys shall have been received by Lessor herein shall be retained by him.

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NOV 15 1982
M.Y.

OIL & GAS DIVISION
DEPT. OF MINES



STATE OF WEST VIRGINIA, COUNTY OF PLEASANTS, TO-WIT:
OFFICE OF THE CLERK OF THE COUNTY COURT OF PLEASANTS COUNTY.

The foregoing paper writing was this day 2/26/82, at 2:50 pm presented for record in my office, and thereupon, together with the certificate thereto annexed, is admitted to record.

Teste: Juda W. Hammett Clerk,
County Court of Pleasants County

2126 2:50 P.M. 4:50

2:30 PM

RECEIVED FOR RECORD February 26 1982
AND RECORDED IN THE OFFICE OF
THE CLERK OF THE COUNTY COURT
OF PLEASANTS COUNTY, WEST VA.

IN Deed Book No. 172
Pages... 258 Fee \$ 4.50 Paid

Stella W. Bennett
CLERK PLEASANTS COUNTY COURT.



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IV-35
Rev 8-81)

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date August 22, 1983
Operator's Well No. Gault #1
Farm Hilda Gault
API No. 47 - 073 - 1546

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WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

DEPT. OF MINES

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

LOCATION: Elevation: 1050' Watershed Middle Island Creek
District: Union County Pleasants Quadrangle

COMPANY L & B Oil Company, Inc.
ADDRESS P.O. Box C, St. Marys, WV 26170
DESIGNATED AGENT Bernard Tice
ADDRESS P.O. Box C, St. Marys, WV 26170
SURFACE OWNER Hilda Gault
ADDRESS Rt. 1, St. Marys, WV 26170
MINERAL RIGHTS OWNER Hilda Gault
ADDRESS Rt. 1, St. Marys, WV 26170
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther
ADDRESS 3rd St. Middlebourne, WV
PERMIT ISSUED 11-17-82
DRILLING COMMENCED 6-20-83
DRILLING COMPLETED 6-24-83
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	1130'	1130'	250 sks
7			
5 1/2			
4 1/2	4968'	4968'	600 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 5016 feet
Depth of completed well 5616 feet Rotary XX / Cable Tools
Water strata depth: Fresh 180 feet; Salt N/A feet
Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Ohio Shale Pay zone depth 3523 to 5528 feet
Gas: Initial open flow 500 Mcf/d Oil: Initial open flow 22 Bbl/d
Final open flow 500 Mcf/d Oil: Final open flow 20 Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure 1200 psig (surface measurement) after 24 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

(Continue on reverse side)

PLEASE
1546

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

- Stage #1 - 15 perfs from 4374' to 5558'
Frac with 700,000 SCF of N2
- Stage #2 - 15 perfs from 4102' to 4296'
Frac with 700,000 SCF of Nw
- Stage #3 - 20 perfs from 3739' to 3842'
Frac with 1,000,000 SCF of N2
- Stage #4 - 20 perfs from 3523' to 3656'
Frac with 1,000,000 SCF of N2

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale			0	190	Fresh water
Red Shale			190	1050	
Shale and Sand			1050	2329	
Berea			2329	2335	
Gantz			2460	2470	
Thirty Foot			2602	2622	
Gordon			2720	2734	
Shale			2734	3705	
Speechley			3705	3828	
Benson			4538	4568	
Shale			4568	5016	

(Attach separate sheets as necessary)

L & B Oil Company, Inc.
Well Operator
By: Bernard J. J. J. President
Date: August 22, 1983

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."

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DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

Operator's Well No. 6611 #1
API Well No. 47 - 073 - 1546
State County Permit

WELL OPERATOR L&B Oil Company, Inc.
Address 210 Second Street
St. Marys, W.V. 26170

DESIGNATED AGENT Bernard Tice
Address 210 Second Street
St. Marys, W.V. 26170

GEOLOGICAL TARGET FORMATION: Devonian shale Depth 5616 feet
Perforation Interval 3523 to 5528 feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE <u>10-20-84</u>	TIME <u>9:30 a.m.</u>	END OF TEST-DATE <u>10-21-84</u>	TIME <u>9:30 a.m.</u>	DURATION OF TEST <u>24 hrs.</u>
TUBING PRESSURE <u>-</u>	CASING PRESSURE <u>100 psig</u>	SEPARATOR PRESSURE <u>80 psig</u>	SEPARATOR TEMPERATURE <u>N/A</u>	
OIL PRODUCTION DURING TEST <u>0</u> bbls.	GAS PRODUCTION DURING TEST <u>25</u> Mcf	WATER PRODUCTION DURING TEST & SALINITY <u>0</u> bbls. ppm.		
OIL GRAVITY °API		PRODUCING METHOD (Flowing, pumping, gas lift, etc.) <u>FLOWING</u>		

MEASUREMENT METHOD			GAS PRODUCTION	
FLANGE TAP <input checked="" type="checkbox"/>	PIPE TAP <input type="checkbox"/>	L-10 <input type="checkbox"/>	POSITIVE CHOKE <input type="checkbox"/>	CRITICAL FLOW PROVER <input type="checkbox"/>
ORIFICE DIAMETER <u>3/8"</u>	PIPE DIAMETER (INSIDE DIAM.) <u>2.0"</u>	NOMINAL CHOKE SIZE - IN.		
DIFFERENTIAL PRESSURE RANGE	MAX. STATIC PRESSURE RANGE	PROVER & ORIFICE DIAM. - IN.		
DIFFERENTIAL <u>8"</u>	STATIC <u>80 psig</u>	GAS GRAVITY (Air-1.0) MEASURED _____ ESTIMATED <u>0.65</u>		
GAS GRAVITY (Air-1.0)	FLOWING TEMPERATURE	GAS TEMPERATURE _____ °F		
24 HOUR COEFFICIENT		24 HOUR COEFFICIENT		
		PRESSURE - _____ psia		

TEST RESULTS			
DAILY OIL <u>0</u> bbls.	DAILY WATER <u>0</u> bbls.	DAILY GAS <u>25</u> Mcf.	GAS-OIL RATIO <u>-</u> SCF/STB

L&B Oil Company, Inc.
Well Operator

By: John Schneider

Its: Petroleum Engineers

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

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JUN 29 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 073-1546

Oil or Gas Well _____
(KIND)

Company L & B oil co
 Address St Marys w. Va.
 Farm Cault
 Well No. 1
 District union County pleasant
 Drilling commenced _____
 Drilling completed 6-24-83 Total depth 5000
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: _____

6-27-83
DATE

R. A. Lowther
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED

JUN 27 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES INSPECTOR'S WELL REPORT

Permit No. 073-1546

Oil or Gas Well _____
(KIND)

Company <u>L & B oil co</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>St Marys w. Va.</u>	Size			
Farm <u>Paul D Gault</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			
District <u>union</u> County <u>pleasant</u>	10			Size of _____
Drilling commenced <u>6-20-83</u>	8 1/4	<u>11 30</u>	<u>8 30</u>	Depth set _____
Drilling completed _____ Total depth _____	6 3/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>8 5/8</u> SIZE <u>11 30</u> No. FT <u>6-21-83</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Howseco</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: F.W.A. Contractor
Cemented with 250 SKS neat cement

6-21-83
DATE

R.A. Loecher
DISTRICT WELL INSPECTOR



RECEIVED ✓

State of West Virginia DEC 4 - 1984
Department of Mines OIL & GAS DIVISION
Oil and Gas Division DEPT. OF MINES
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
November 19, 1984

Kodiak Petroleum Co. DBA

COMPANY L & B Oil Company, Inc.

PERMIT NO 073-1546

~~P. O. Box C~~ 210 Second ST.

FARM & WELL NO Hilda Gault #1

St. Marys, West Virginia 26170

DIST. & COUNTY Union/Pleasants

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	✓	
25.04	Prepared before Drilling to Prevent Waste	✓	
25.03	High-Pressure Drilling	✓	
16.01	Required Permits at Wellsite	✓	
15.03	Adequate Fresh Water Casing	✓	
15.02	Adequate Coal Casing	✓	
15.01	Adequate Production Casing	✓	
15.04	Adequate Cement Strenght	✓	
15.05	Cement Type	✓	
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste	✓	
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution	✓	
23.07	Requirements for Production & Gathering Pipelines	✓	
16.01	Well Records on Site	✓	
16.02	Well Records Filed	✓	
7.05	Identification Markings	✓	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED R. H. Lowther

DATE Nov 29, 1984

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. L. ...
Administrator-Oil & Gas Division

January 9, 1985

DATE

M.F. 11/16/82

10960'

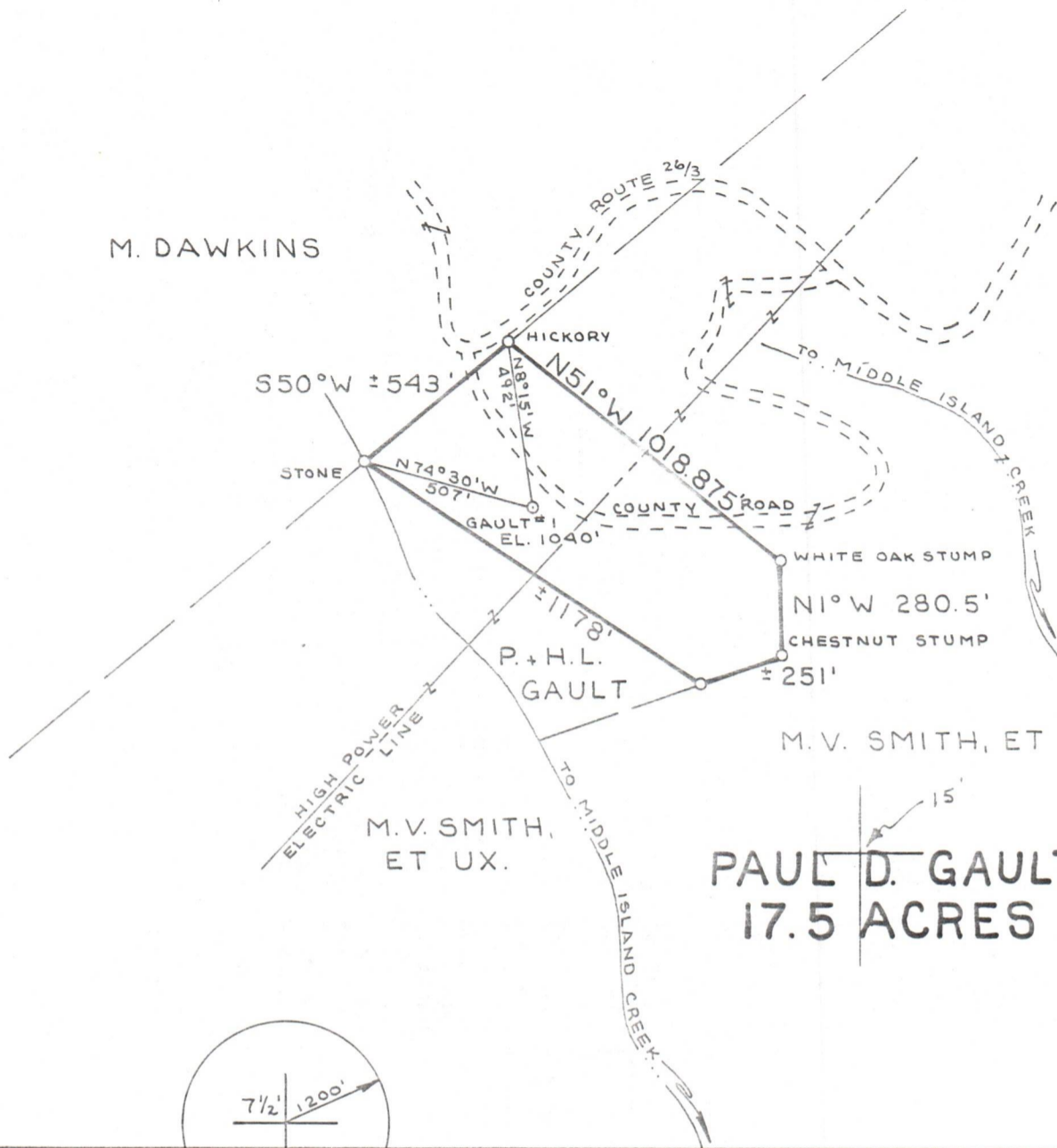
LATITUDE 39°27'30"

LONGITUDE 81°05'

14525'

NORTH

M. DAWKINS



FILE NO. _____
 DRAWING NO. _____
 SCALE **1" = 500'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **ROAD INT.**
1089'

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) *William R. Masser*
 R.P.E. _____ L.L.S. **551**

PLACE SEAL HERE

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



DATE **2 MARCH**, 19 **82**
 OPERATOR'S WELL NO. **GAULT #1**
 API WELL NO. _____
47 - 073 - 1546
 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 **1040'** WATER SHED **MIDDLE ISLAND CREEK**
 DISTRICT **UNION** COUNTY **PLEASANTS**
 QUADRANGLE **BENS RUN 7 1/2'**
 SURFACE OWNER **PAUL D. GAULT** ACREAGE **17.5**
 OIL & GAS ROYALTY OWNER **PAUL D. GAULT** LEASE ACREAGE **17.5**
 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 **MARCELLUS SHALE** ESTIMATED DEPTH **5600'**
 WELL OPERATOR **L+B OIL CO., INC.** DESIGNATED AGENT **LOREN E. BAGLEY**
 ADDRESS **210 SECOND STREET** ADDRESS **210 SECOND STREET**
ST. MARYS, W.VA. 26170 **ST. MARYS, W.VA. 26170**

PLEAS. 1546