



Well No. Two (2)
Farm Philip Hart
API # 47 - 033 - 2704
Date November 18, 1981

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ___ / Gas X /

(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /

LOCATION: Elevation: 1030' Watershed: Brushy Fork
District: Simpson County: Harrison Quadrangle: Brownston 7 1/2'

WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Petroleum Development Corp.
Address P. O. Box 26 Address P. O. Box 26
Bridgeport, WV 26330 Bridgeport, WV 26330

OIL AND GAS ROYALTY OWNER Philip Hart et al
Address 111 Lyn-Wood Lane
Harrisonburg, VA 22801
Acreage 24

COAL OPERATOR None
Address _____

SURFACE OWNER Philip P. Hart et al
Address 111 Lyn-Wood Lane
Harrisonburg, VA 22801
Acreage 80

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME Same as Oil and Gas
Address _____
NAME _____
Address _____

FIELD SALE (IF MADE) TO:
NAME Unknown
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Stephen Casey
Address Route 2 Box 232-D
Jane Lew, WV 26378
Telephone 304) 884-7470

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease X / other contract ___ / dated 10-16, 1981, to the undersigned well operator from Philip P. Hart et al.

(If said deed, lease, or other contract has been recorded:)

Recorded on October 9, 1981, in the office of the Clerk of County Commission of Harrison County, West Virginia, in 1108 Book at page 515. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper ___ / Redrill ___ / Fracture or stimulate ___ / Plug off old formation ___ / Perforate new formation ___ / Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

PETROLEUM DEVELOPMENT CORPORATION
Well Operator

By: John K. Mitchell
Its: Area Manager

BLANKET BOND

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Unknown

Address _____

GEOLOGICAL TARGET FORMATION Benson

Estimated depth of completed well 4600 feet. Rotary / Cable tools ___ /
Approximate water strata depths: Fresh, 40 feet; salt, 700 feet.
Approximate coal seam depths: 450 & 750.
Is coal being mined in this area: Yes ___ / No /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL- UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill- ling	Left in Well		
Conductor 11	-	-	-		X	60	60	Circ.	Kinds
Fresh water									
Coal									Sizes
Intermed. 8	5/8	K-55	20#	X		1000	1000	Circ.	
Production 4	1/2	K-55	9.5#	X		4600	4600	1800	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: 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.

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.

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 8-7-82.

Fred R. [Signature]
Deputy Director - Oil & Gas Division

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:

W A I V E R

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 regularions.

Date: _____, 19____.

By: _____

Its: _____



FORM IV-2 (Obverse) (12-81)

Date: September 27, 19 82

Operator's Well No. #2

API Well No. 47 033 2704-REN

State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas xx / (If "Gas", Production xx / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 1030' Watershed: Brushy Fork District: Simpson County: Harrison Quadrangle: Brownton 7 1/2'

WELL OPERATOR PETROLEUM DEVELOPMENT CORPORATION DESIGNATED AGENT John R. Mitchell Address PO Box 26, 103 East Main Street Bridgeport, WV 26330

OIL & GAS ROYALTY OWNER Philip Hart et al Address 111 Lyn-Wood Lane Harrisonburg, Va 22801 Acreage 24

SURFACE OWNER Philip P. Hart et al Address 111 Lyn-Wood Lane Harrisonburg, Va 22801 Acreage 80

FIELD SALE (IF MADE) TO: Address

OIL & GAS INSPECTOR TO BE NOTIFIED Name Stephen Casey Address Rt 2, Box 232-D Jane Lew, WV 26378

COAL OPERATOR Address

COAL OWNER(S) WITH DECLARATION ON RECORD: Name Address Name Address

COAL LESSEE WITH DECLARATION ON RECORD: Name Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease x other contract / dated October 16th, 19 81, to the undersigned well operator from Philip P. Hart et al

(IF said deed, lease, or other contract has been recorded:) Recorded on October 9th, 19 81, in the office of the Clerk of the County Commission of Harrison County, West Va., in Book 1108 at page 515. A permit is requested as follows:

PROPOSED WORK: Drill x / Drill deeper / Redrill / Fracture or stimulate / Plug off old formation / Perforate new formation / Other physical change in well (specify) —planned as shown on the work order on the reverse side hereof.

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.

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.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

RECEIVED SEP 30 1982

OIL & GAS DIVISION DEPT. OF MINES

BLANKET BOND

PETROLEUM DEVELOPMENT CORPORATION

By John R. Mitchell Well Operator Its Area Manager of Operations

PROPOSED WORK ORDER

(12-81)

THIS IS AN ESTIMATE ONLY:

ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION, Benson

Estimated depth of completed well, 4600 feet Rotary xx / Cable tools _____ /

Approximate water strata depths: Fresh, 40 feet; salt, 700 feet.

Approximate coal seam depths: 450 & 750 Is coal being mined in the area? Yes _____ / No xxx /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor	11	--	--		x	60'	60'	circ.	Kinds
Fresh Water									
Coal									Sizes
Intermediate	8 5/8	K-55	20#	x		1000'	1000'	circ.	
Production	4 1/2	K-55	9.5#	x		4600'	4600'	1800	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: 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.

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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling renewed **. THIS PERMIT SHALL EXPIRE**
IF OPERATIONS HAVE NOT COMMENCED BY 5-31-83
BY [Signature]

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 _____

APPROVED



IV-9
(Rev 8-81)

DATE November 17, 81
WELL NO. 2
API NO. 47 - 033 - 2704

RECEIVED

DEC 2 1981

State of West Virginia

Department of Mines
Oil and Gas Division

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Petroleum Development DESIGNATED AGENT James R. Dauty
Address P.O. 26, Bridgeport, W.Va. Address Same
Telephone 842-6256 Telephone Same
LANDOWNER Phillip Hart SOIL CONS. DISTRICT West Fork

Revegetation to be carried out by Reclamation Contractor (Agent)

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan: 11-17-81

(Date)
Kenneth Knight
(SCD Agent)

ACCESS ROAD		LOCATION	
Structure <u>Drain Pipe</u> (A)	Structure <u>Division Ditch</u> (1)	Spacing <u>(min 12" I.D.)</u>	Material <u>Cast Iron</u>
Page Ref. Manual <u>1:8</u>	Page Ref. Manual <u>1:11</u>		
Structure <u>Drainage Ditch</u> (B)	Structure <u>Lip-Lap</u> (2)	Spacing <u>N/A</u>	Material <u>Stone</u>
Page Ref. Manual <u>1:11</u>	Page Ref. Manual <u>N/A</u>		
Structure _____ (C)	Structure _____ (3)	Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____		

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		Treatment Area II	
Lime <u>3</u> Tons/acre	Lime <u>3</u> Tons/acre	or correct to pH <u>6.5</u>	or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre	Fertilizer <u>600</u> lbs/acre	(10-20-20 or equivalent)	(10-20-20 or equivalent)
Mulch <u>Hay - (2)</u> Tons/acre	Mulch <u>Hay - (2)</u> Tons/acre	Seed* <u>Ky 31 - (10)</u> lbs/acre	Seed* <u>Ky 31 - (10)</u> lbs/acre
Seed* <u>Meadow Mix - (30)</u> lbs/acre	Seed* <u>Meadow Mix - (30)</u> lbs/acre		

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

PLAN PREPARED BY James R. Dauty
ADDRESS P.O. 26
BLANKET BOND Bridgeport, W.Va.
PHONE NO. 842-6256

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



**Petroleum
Development
Corporation**

103 East Main Street
P. O. Box 26
Bridgeport, West Virginia 26330

Phone: 304-842-3597

September 27, 1982

State of West Virginia
Department of Mines
Oil and Gas Division
1615 Washington Street East
Charleston, West Virginia 25311

Re: Philip Hart #2; 47-033-2704
Ethel Dowell #1; 47-095-0957
Ethel Dowell #2; 47-095-0958

Gentlemen:

Please find enclosed five (5) copies of the Oil and Gas Well Permit Applications (IV-2) and our check for \$300.00 in order to re-permit the three above captioned wells. The original Reclamation Plan and Plat for each well should be on file.

Please re-permit these wells at your earliest convenience.

Very truly yours,

PETROLEUM DEVELOPMENT CORPORATION

John R. Mitchell
Area Manager of Operations

Enclosures

JRM/mjg

RECEIVED
SEP 30 1982

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia

Department of Mines

Charleston 25305

April 11, 1984

JOHN D. ROCKEFELLER, IV.
Governor

WALTER N. MILLER
Director

Petroleum Development Corporation
P. O. Box 26
Bridgeport, West Virginia 26330

In Re: Permit No. 033-2704-REN
Farm: Philip P. Hart etal
Well No: 2
District: Simpson
County: Harrison
Issued 9-30-82

Gentlemen:

Please send an original and two copies of the completion drilling record for the above described well location. This record must be submitted before we can request the district inspector to make a "Final Inspection".

Administrative Regulations - Rule 16.02 Filing of Well Record and Related Forms.

(a) Within 90 days after the completion of permitted work, three copies of Form IV-35, "Well Operator's Report of Drilling, Fracturing and/or Stimulating or Physical Change", containing the geological information required by Code 22-4-8b in the form specified shall be filed with the Administrator, Office of Oil & Gas-Dept. Mines.

Sincerely,

Theodore M. Streit
Administrator-Oil & Gas

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS
NOTICE OF EXPIRED PERMIT

RECEIVED
JUN 11 1985
OIL & GAS DIVISION
DEPT. OF MINES

Permit number: 47-33-2704
Company: PETROLEUM DEVE CORP
Date: 27-Nov-84
Date issued: 12/07/81

County: HARRISON
Farm: PHILLIP P HART #2
Well no.:
Date expired: / / 0

~~I have inspected the above well site and found no well work done. Please
cancel this well work permit.~~

Signed: _____

Date: _____

Steve Casey

6-4-85

*Built, drilled, fractured about 2 yrs ago
reclaimed, not released, now being reclaimed
again. Water resources would not let them drain
the last frac pit, I could not release.*

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

H2O frac
 12 perforations (1355'-1379')
 2000 gallons of acid
 1050 bbls of H2O
 65,000 lb. 20/40 sand, 1016 bbl/S.L./fluid

DEPT. OF MINES
 OIL & GAS DIVISION
 APR 24 1984

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
sand, shale, red rock			0	844	hole wet at 130'
sand			844	863	
shale			863	902	
sand			902	968	
sand, shale, red rock			968	1276	
big lime			1276	1342	
big injun			1342	1440	
sand, shale			1440	1615 TD	

(Attach separate sheets as necessary)

PETROLEUM DEVELOPMENT CORPORATION

Well Operator

By: M. C. Edwards
 Date: 4/20/84

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."

IV-35
(Rev 8-81)

RECEIVED
APR 24 1984



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

Date 10/24/83
Operator's #2
Well No. #2
Farm Phillip Hart
API No. 47 - 033 - 2704ren

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 /)

LOCATION: Elevation: 1030 Watershed Brushy Fork
District: Simpson County Harrison Quadrangle Brownton 7 1/2'

COMPANY PETROLEUM DEVELOPMENT CORPORATION
ADDRESS PO BOX 26, BRIDGEPORT, WV 26330
DESIGNATED AGENT Micheal L. Edwards
ADDRESS PO Box 26, Bridgeport, WV 26330
SURFACE OWNER Philip Hart
ADDRESS 111 Lyn-wood Lane, Harrisonburg, WV
MINERAL RIGHTS OWNER Philip Hart
ADDRESS 111 Lyn-wood Lane, Harrisonburg, WV
OIL AND GAS INSPECTOR FOR THIS WORK Stephen Casey ADDRESS Jane Lew, WV
PERMIT ISSUED Sept. 30, 1982
DRILLING COMMENCED 1/10/83
DRILLING COMPLETED 1/14/83
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 3/4 11 3/4	75'	75'	cement to surface
9 5/8			
8 5/8	840'	840'	200 sks
7			
5 1/2			
4 1/2	1527'	1527'	125 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 4600 feet
Depth of completed well 1600 feet Rotary xx / Cable Tools
Water strata depth: Fresh 130 feet; Salt n/a feet
Coal seam depths: n/a Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Big Injun Pay zone depth 1355-1379 feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow 150 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure 600 psig (surface measurement) after 48 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)

Handwritten: HARR. 2704

RECEIVED

OG-11

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

JAN 20 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 33-2704

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Petroleum Dev't.</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>Hart</u>	13			
Well No. <u>2</u>	10			Size of _____
District <u>Simpson County Har.</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water <u>30</u> feet ^{1"} <u>130</u> feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Forn 1

Remarks: 3 5/8 310' Halleburton

1-12-82
DATE

Steve Casey
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

 DATE I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR

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

RECEIVED

JAN 13 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 33-2704 - ren.

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Petroleum Devel.</u>	Size			Kind of Packer
Address _____	16			
Farm <u>P. Hart</u>	13			
Well No. <u>2</u>	10			Size of _____
District <u>Simpson County Hart.</u>	8 1/4			Depth set _____
Drilling commenced _____	6 5/8			
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names SONN 1

Remarks: Start

1-10-83
DATE

Steve Casey
DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner			Location	Amount	Packer	Location	
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

DATE _____ I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR

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

RECEIVED

JAN 24 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 33-2704

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Petroleum Dev. Co.</u>	Size			
Address _____	16			Kind of Packer _____
Farm <u>P. Hart</u>	13			
Well No. <u>Hart 2</u>	10			Size of _____
District <u>Simpson</u> County <u>Harr.</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
Volum. _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED <u>5/8</u> SIZE <u>310'</u> No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>Halleburton</u>			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names SONN

Remarks: TO 1615' 4 1/2 1600' 125 SKS. Halleburton

1-14-83
DATE

Steve Casper
DISTRICT WELL INSPECTOR



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

RECEIVED
JUL 16 1985

OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
May 1, 1984

COMPANY Petroleum Development Corp.
P. O. Box 26
Bridgeport, West Virginia 26330

PERMIT NO 033-2704-REN (9-30-82)
FARM & WELL NO Phillip Hart #2
DIST. & COUNTY Simpson/Harrison

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 Strength		
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 Steve Casey
DATE 7-15-85

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

August 1, 1985
DATE