



1) Date: April 28, 19 83
 2) Operator's Phillips No. 2
 Well No. 001 1930
 3) API Well No. 47 State 001 County 1930 Permit

DRILLING CONTRACTOR:
Eastern Overthrust
Anmore, WV 26323

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production X / Underground storage / Deep / Shallow X /)
- 5) LOCATION: Elevation: 1790 Watershed: Big Run
 District: Glade County: Barbour Quadrangle: Nestorville 7.5'
- 6) WELL OPERATOR Parcoil Corporation 11) DESIGNATED AGENT Thomas Grayson
 Address 11551 Forest Central Drive Address Rte. 1, Box 181-C
Dallas, TX 75243 Bridgeport, WV 26330
- 7) OIL & GAS ROYALTY OWNER William E. Phillips, et al 12) COAL OPERATOR
 Address % Clinton Phillips Address
Box 66, Rfd.#2, Phillipi, WV 26416
- 8) SURFACE OWNER William E. & James K. Phillips 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address % Clinton Phillips Name Hillman Coal & Coke
Box 66, Rfd. #2, Phillipi, WV 26416 Address Grant Bldg.
147 Pittsburg, PA 15219
- 9) FIELD SALE (IF MADE) TO: Unknown at this time
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Stewart
 Address P. O. Box 345
Jane Lew, WV 26378
- 15) PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Haverty
- 17) Estimated depth of completed well, 5600 feet
- 18) Approximate water strata depths: Fresh, 200 feet; salt, None feet.
- 19) Approximate coal seam depths: 400 Is coal being mined in the area? Yes / No X

RECEIVED
 MAY 13 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

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									Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	J-55	23 lb.	X		950 ft.	950 ft.	to surface	NEAT
Production	4 1/2	J-55	10.5 lb	X		5600 ft.	5600 ft.	560 sks.	Depths set
Tubing									Perforations:
Liners									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: Rhonda W. Harton Signed: Thos. B. Grayson Jr.
 My Commission Expires August 10, 1992 Its: Geologist

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-001-1930 Date May 28 1983

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 January 28, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>lo</u>	Plat: <u> </u>	Casing: <u> </u>	Fee: <u>3495</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 _____

NOTE: Keep one copy of this permit posted at the drilling location.



1) Date: 30 March, 19 84
 2) Operator's Well No. Phillips # 2
 3) API Well No. 47 - 001 - 1930-REN
 State County Permit

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

- 4) WELL TYPE: A Oil XXXX / Gas XXXX /
 B (If "Gas", Production XXXXX / Underground storage / Deep / Shallow XXXX /)
- 5) LOCATION: Elevation: 1790 Watershed: Big Run
 District: Glade County: Barbour Quadrangle: Nestorville, 7.5
- 6) WELL OPERATOR Parcoil Corporation 7) DESIGNATED AGENT Jack C. Childers
 Address 12221 Merit Drive, Suite 770 Address Rt 1 Box 181-6
Dallas Texas, 75251 Bridgeport, WV. 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name Fox Drilling Co. Inc
 Address Forest Estival Terrace Apt 24 Address P.O. Box 129
Elkins, WV 26241 (636-8798) Glenville, WV 26351
- 10) PROPOSED WELL WORK: Drill XXXX / Drill deeper / Redrill / Stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Haverty
- 12) Estimated depth of completed well, 5600 feet
- 13) Approximate strata depths: Fresh, 90 - 200 feet; salt, feet.
- 14) Approximate coal seam depths: 400 Is coal being mined in the area? Yes / No XXXX /

15) 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	11.75			X		40	40		DEPT. OF MINES APPROVED NEAT Depths set br as req. by rule 15.01 TOP Bottom
Fresh water									
Coal									
Intermediate	8.625	J-55	23	X		950'	950'	To Surface	
Production	4.50	J-55	10.5	X		5600'	5600'	560 sks	
Tubing									
Liners									

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-001-1930-REN Date April 12, 19 84

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. 8) 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.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.
 Permit expires April 12, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent: ✓	Plat:	Casing	Fee
<u>BLANKET</u>	<u>MH</u>	<u>MH</u>	<u>MH</u>	<u>633</u>

Margaret J. Hass
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) GEOLOGICAL TARGET FORMATION: ...
2) LOCATION: ...
3) PROPOSED WELL WORK: ...
4) WELL OPERATOR: ...
5) DESIGNATED AGENT: ...
6) DRILLING CONTRACTOR: ...
7) OIL & GAS INSPECTOR TO BE NOTIFIED: ...

Table with columns: CASING OR TUBING PROGRAM, PERFORM ALLOYS, WEIGHT, GRAIN, SIZE, CONDUCTOR, FEET, COAL, INTERVALS, PRODUCTION, TONNAGE, LITERS.

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Table with columns: Date, Date(s). Rows include: Application received, Well work started, Completion of the drilling process, Well Record received, Reclamation completed.

OTHER INSPECTIONS

Reason: _____
Reason: _____
NOTE: Keep one copy of this permit posted at the drilling location.

1) Date: 30 March 1984, 19
2) Operator's
Well No. Phillips # 2
3) API Well No. 47 - 001-1930-*Ann*
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

- (i) Name William E Phillips etal
Address % Clinton Phillips
RFD2 Box66 Philippi, WV 26416
- (ii) Name _____
Address _____
- (iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Hillman Coal & Coke
Address Grant Bldg
Pittsburgh, Pa. 15219

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) 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.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other 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.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Dick M. Park
this 13 day of April, 1984.
My commission expires 8-10, 1992.

Rhonda Wharton
Notary Public, Putnam County,
State of West Virginia

WELL

OPERATOR Parciol Corporation

By Jackson Park
Its PRESIDENT

Address Rt 1 Box 181-C
Bridgeport, WV 26330

Telephone 842-6984

DEPT. OF MINES
OIL & GAS DIVISION

RECEIVED
APR 04 1984

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Clinton Phillips et al	Fuel Resources Inc	1/8	93	366
Fuel Resources Inc to	Parcoil Corporation	1/8	96	220



1) Date: 30 March, 19 84
 2) Operator's Well No. Phillips # 2
 3) API Well No. 47 State 001 County 1930 Permit

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

- 4) WELL TYPE: A Oil XXXX / Gas XXXX /
 B (If "Gas", Production XXXXX / Underground storage XXXX / Deep XXXX / Shallow XXXX /)
- 5) LOCATION: Elevation: 1790 Watershed: Big Run
 District: Glade County: Barbour Quadrangle: Nastorville, 7.5
- 6) WELL OPERATOR Parcoll Corporation 7) DESIGNATED AGENT Jack C. Childers
 Address 12221 Merit Drive, Suite 770 Address Rt 1 Box 131-B
Dallas Texas, 75251 Bridgeport, WV. 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name Fox Drilling Co. Inc
 Address Forest Festival Terrace Apt 24 Address P.O. Box 129
Elkins, WV 26241 (636-8798) Glenville, WV 26351
- 10) PROPOSED WELL WORK: Drill XXXX / Drill deeper XXXX / Redrill XXXX / Stimulate XXXX /
 Plug off old formation XXXX / Perforate new formation XXXX /
 Other physical change in well (specify) XXXX
- 11) GEOLOGICAL TARGET FORMATION, Haverty
 12) Estimated depth of completed well, 5600 feet
 13) Approximate strata depths: Fresh, 90 -200 feet; salt, XXXX feet.
 14) Approximate coal seam depths: 400 Is coal being mined in the area? Yes XXXX / No XXXX /
- 15) 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	<u>11.75</u>			X		<u>40</u>	<u>40</u>		Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8.625</u>	<u>J-55</u>	<u>23</u>	X		<u>950'</u>	<u>950'</u>	<u>To Surface</u>	<u>NEAT</u>
Production	<u>4.50</u>	<u>J-55</u>	<u>10.5</u>	X		<u>5600'</u>	<u>5600'</u>	<u>560 sgs</u>	Depths set
Tubing								<u>60' 2.5' reg. by rule</u>	
Liners									Perforations: <u>15.01</u>
									Top Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The 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 the filing of the Application.

WAIVER

The undersigned coal operator XXXX / owner XXXX / lessee XXXX / 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: April 3, 19 84

By Hillman Coal & Coke Co.
William R. Kohl
 Its Geologist

DEPT. OF MINES
 OIL & GAS DIVISION
 APR 4 1984
 RECEIVED



1) Date: 30 March, 19 84
 2) Operator's Well No. Phillips # 2
 3) API Well No. 47 001 1930
 State County Permit

**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil XXXX / Gas XXXX
 B (If "Gas", Production XXXX / Underground storage XXXX / Deep XXXX / Shallow XXXX)
- 5) LOCATION: Elevation: 1790 Watershed: Big Run
 District: Glade County: Barbour Quadrangle: Nestorville, 7.5
- 6) WELL OPERATOR Parcoll Corporation 7) DESIGNATED AGENT Jack C. Childers
 Address 12221 Merit Drive, Suite 770 Address Rt 1 Box 181-B
Dallas Texas, 75251 Bridgeport, WV, 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name Fox Drilling Co. Inc
 Address Forest Festival Terrace Apt 24 Address P.O. Box 129
Elkins, WV 26241 (636-8798) Glenville, WV 26351
- 10) PROPOSED WELL WORK: Drill XXXX / Drill deeper XXXX / Redrill XXXX / Stimulate XXXX
 Plug off old formation XXXX / Perforate new formation XXXX
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Haverty
 12) Estimated depth of completed well, 5600 feet
 13) Approximate strata depths: Fresh, 90 -200 feet; salt, _____ feet.
 14) Approximate coal seam depths: 400 Is coal being mined in the area? Yes _____ / No XXXX /

15) 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		Kinds	Sizes
Conductor	<u>11.75</u>			<u>X</u>		<u>40</u>	<u>40</u>			
Fresh water										
Coal										
Intermediate	<u>8.625</u>	<u>J-55</u>	<u>23</u>	<u>X</u>		<u>950'</u>	<u>950'</u>	<u>To Surface</u>	<u>NEAT</u>	
Production	<u>4.50</u>	<u>J-55</u>	<u>10.5</u>	<u>X</u>		<u>5600'</u>	<u>5600'</u>	<u>560 sks</u>	<u>Depths set</u>	
Tubing								<u>60 2.5</u>	<u>By rule</u>	
Liners									<u>Perforations: 15.01</u>	
									Top	Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

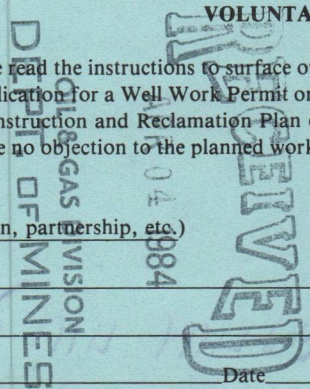
VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)
 NAME: _____
 By _____
 Its _____ Date _____

(For execution by natural persons)
 X William E. Phillips Date: 4/2/84
 (Signature)
 X Jane K. Phillips Date: 4/2/84
 (Signature)



**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (**NOTE:** If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

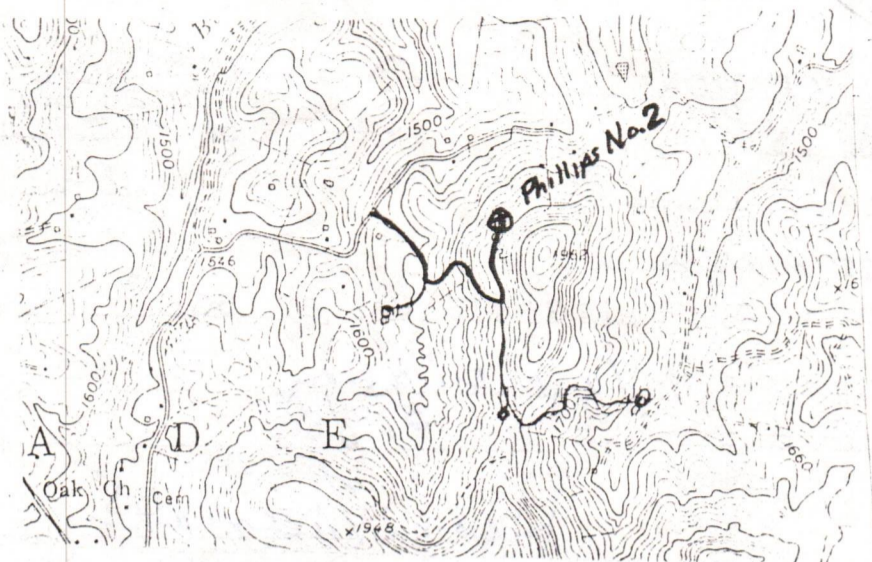
List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

SURFACE NESTORVILLE 75'

LEGEND

Well Site

Access Road



WELL SITE PLAN

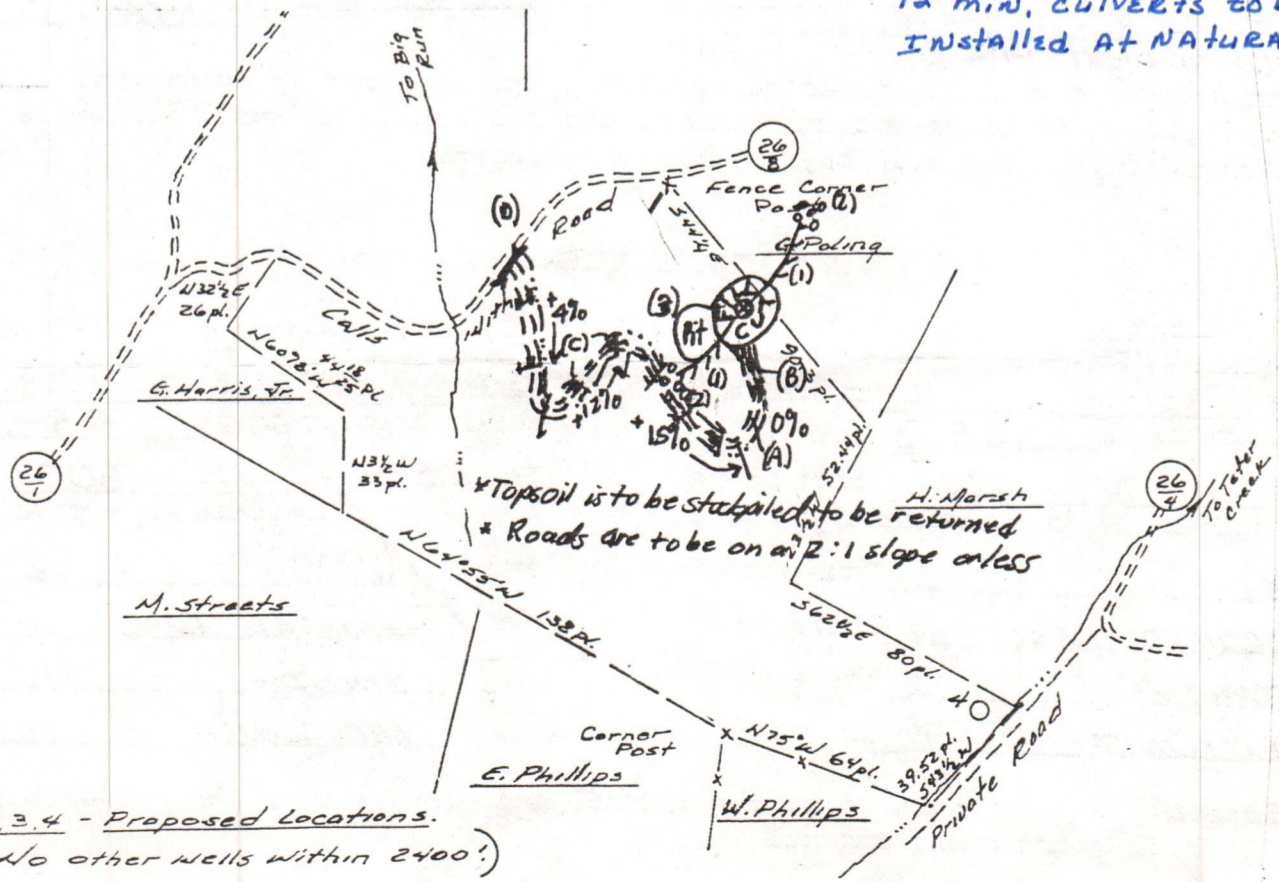
Sketch to include well location, existing access road, roads to be constructed, wells, filling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

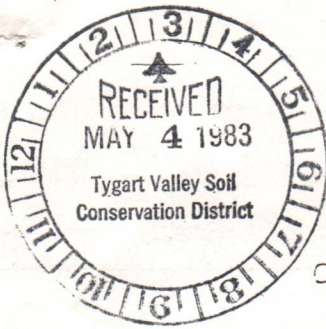
- Property boundary
- Road
- Existing fence
- Planned fence
- Stream
- Open ditch

- Diversion
- Spring
- Wet spot
- Building
- Drain pipe
- Waterway

12" min. CULVERTS to be
 INSTALLED AT NATURAL DRAINS



2, 3, 4 - Proposed Locations.
 (No other wells within 2400')



4/25/83
Phillips No. 2
47 - 001 1930
Renew

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

OWNER NAME PARCOIL CORPORATION
Address 11551 FOREST CENTRAL DRIVE
DALLAS, TEXAS 75243
Telephone (214) 343-1417

DESIGNATED AGENT THOMAS B. GRAYSON
Address ROUTE 1 BOX 181-C
BRIDGEPORT, W.Va. 26330
Telephone 842-6984

OWNER WILLIAM + JAMES PHILLIPS

SOIL CONS. DISTRICT TYGARTS VALLEY

Revegetation to be carried out by TYGARTS VALLEY SCD (Agent)

This plan has been reviewed by Tygarts Valley SCD. All corrections and additions become a part of this plan: 5/8/83 (Date)

Jean Freeman (SCD Agent) **RECEIVED** MAY 13 1983

ACCESS ROAD
Structure EARTHEN & STONE (A)
Pacing ---
Page Ref. Manual (2-14)

LOCATION
DEPT. OF MINES
Structure DIVERSION DITCH (1)
Material EARTHEN
Page Ref. Manual (2-12)

Structure DRAINAGE DITCH (B)
Pacing ---
Page Ref. Manual (2-10)(6)

Structure ROCK-RIP-RAP
Material ROCK
Page Ref. Manual (2-16)(C-4)

Structure CROSS DRAINS (C)
2% every 250'
Pacing 15% every 60' + 20% every 45'
Page Ref. Manual (2-1)(2-4)

Structure PIT
Material EARTHEN
Page Ref. Manual N/A

(D) 15" x 24" ZMP CULVERT (2-1)(2-3)

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 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch (HAY) 2 Tons/acre
Seed* ORCHARD GRASS 12 lbs/acre
TIMOTHY 12 lbs/acre
RED CLOVER 12 lbs/acre

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch (HAY) 2 Tons/acre
Seed* ORCHARD GRASS 12 lbs/acre
TIMOTHY 12 lbs/acre
RED CLOVER 12 lbs/acre

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

PLAN PREPARED BY MARK C. ECHARD
STAR Rte. 71 BOX 6
ADDRESS GLENVILLE, W.Va. 26351
462-5565

NOTES: Please request landowners' cooperation to protect new

ITEM #21 - EXTRACTION RIGHTS

CODE 22-4-11 (C)

WILLIAM E. PHILLIPS / JAMES K. PHILLIPS (FEE)

147 ACRES GLADE DISTRICT BARBOUR COUNTY, WV

Bounded as follows:

on the North by WILLIAM + WILBERT PHILLIPS

on the East by HAZARD MARCH

on the South by STREETS

on the West by WILLIAM + JAMES PHILLIPS

Lessors & Address	Percent OGM Royalty Interest (of 1/8ths)	Recording	
		BK	PG
CLINTON PHILLIPS	25%	BK 93	pg. 366
DORTHY L PHILLIPS	25%		
WILLIAM E PHILLIPS	25%		
JAMES K PHILLIPS	25%		
ALL THE ABOVE c/o CLINTON PHILLIPS BOX 66, RFD #2 PHILLIPPI, W.Va. 26416			

RECEIVED

MAY 13 1983

OIL & GAS DIVISION
 DEPT. OF MINES

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.
 Fox, Haverty, Stray--(5639-5244)--500 GAL HCl, 25 lb. Gel System, (5,000#,80-100),
 (39,000#,20-40), 515 BBLs Sand Laden Fluid.
 4th Elk, 3rd Elk, 2nd Elk--(5027-4467)--500Gal HCl, 20lb. Gel System, (5,000#,80-100),
 (45,000#, 20-40), 560 BBL's Sand Laden Fluid.
 1st Elk, Benson--(4405-4135)--500 Gal HCl, 20lb. Gel System, (5,000#,30-100),(45,000#,
 20-40), 560 BBL's Sand Laden Fluid
 Lower Balltown, Upper Balltown, Fifth Sand--(3296-2510)--1000 GAL HCl, 20lb. Gel System
 (45,000#,20-40), 540 BBL's Sand Laden Fluid.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Drillers Log	Not Available				
Electric Log	Tops				
Big Lime			1480	1632	
Big Injun			1686	1702	
5th Sand			2500	2589	
Bayard			2701	2764	
Upper Balltown			3094	3111	
Lower Balltown			3278	3310	
Benson			4119	4233	
1st Elk			4319	4429	
2nd Elk			4551	4696	
3rd Elk			4826	4880	
4th Elk			4989	5051	
Haverty			5299	5508	
Fox Sand			5569	5588	
Shale			5588	5753	T.D.

(Attach separate sheets as necessary)

Parcoil Corp.

Well Operator

By: Robert E. Sx

Date: July 19, 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."

IV-35
(Rev 8-81)



State of West Virginia
Department of Mines
Oil and Gas Division

Date July 19, 1984
Operator's
Well No. 2 (Two)
Farm Phillips
API No. 47 - 001 - 1930

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

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

LOCATION: Elevation: 1790' Watershed Big Run
District: Glade County Barbour Quadrangle Nestorville 7.5'

COMPANY Parcoil Corp.

ADDRESS 12221 Merit Dr. Dallas, TX

DESIGNATED AGENT Jack Childers

ADDRESS Rt. 1 Box 181C Birdgeport, WV 26330

SURFACE OWNER William E. Phillips Et Al

ADDRESS c/o Clinton Phillips RFD2 Box 66

Phillipi, WV 26416
MINERAL RIGHTS OWNER Same

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK Phillip

Tracy ADDRESS Elkins

PERMIT ISSUED 4-12-84

DRILLING COMMENCED 4-20-94

DRILLING COMPLETED 4-25-84

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	1008'	1008'	ToSurface
7			
5 1/2			
4 1/2		5672'	685 SKS
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Fox Sand Depth 5600 feet

Depth of completed well 5752 feet Rotary XX / Cable Tools

Water strata depth: Fresh N/A feet; Salt --- feet

Coal seam depths: Not Available Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Fox, Haverty, Elks, Benson Pay zone depth See Treatment feet

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

Final open flow Commingled Mcf/d 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

(If applicable due to multiple completion--)

Second producing formation Balltown, Fifth Sand Pay zone depth See Treatment feet

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

Final open flow 377 Mcf/d Oil: Final open flow ----- Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1000 psig (surface measurement) after 48 hours shut in

(Continue on reverse side)

BAR 1930

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

RECEIVED

APR 25 1984

OIL & GAS DIVISION

DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-1930

Oil or Gas Well _____
(KIND)

Company Parcoil corp
 Address _____
 Farm Mr. Phillip's
 Well No. 2
 District Glade County Barbour
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 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 5/8			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: locater

4-17-84
DATE

Phillip Tracy
DISTRICT WELL INSPECTOR

Form 20
2/16/82

RECEIVED

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

APR 25 1984

INSPECTOR'S WELL REPORT OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 001-9930

Oil or Gas Well
(KIND)

Company Parson Corp.
 Address _____
 Farm Wm. Phillips
 Well No. 2
 District Glade County Burlow
 Drilling commenced _____
 Drilling completed _____ Total depth 250
 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 5/8			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: _____

4-19-84
DATE

L. Phillips Long
DISTRICT WELL INSPECTOR

2/16/82

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

RECEIVED

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

MAY 2 - 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 001-1930

Oil or Gas Well _____
(KIND)

Company Passail

Address _____

Farm Wm. Phillips

Well No. 2

District Glade County Barbour

Drilling commenced _____

Drilling completed _____ Total depth 1480

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 5/8			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: _____

4-23-84
DATE

Philip Tracy
DISTRICT WELL INSPECTOR

Form 40
2/16/82

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: _____

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

DATE

DISTRICT WELL INSPECTOR

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

RECEIVED
MAY 2 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 001-1930

Oil or Gas Well _____
(KIND)

Company Parcoil
 Address _____
 Farm Wm Phillips
 Well No. 2
 District Glade County Putnam
 Drilling commenced _____
 Drilling completed _____ Total depth 2750
 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 5/8			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: Y.D. well 2750

4-26-84
DATE

Phillips
DISTRICT WELL INSPECTOR

FORM 20
2/16/82

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



RECEIVED

NOV 8 - 1984

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

**OIL & GAS DIVISION
DEPT. OF MINES**

**FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT**

COMPANY PARCOIL CORP.
ROUTE 1 BOX 181-C
BRIDGEPORT W.V. 26330

PERMIT NO 001-1930
FARM & WELL NO PHILLIPS #2
DIST. & COUNTY GADE / BARBOUR

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	<u>L</u>	
25.01	Necessary Equipment to Prevent Waste	<u>L</u>	
23.04	Reclaimed Drilling Pits	<u>L</u>	
23.05	No Surface or Underground Pollution	<u>L</u>	
23.07	Requirements for Production & Gathering Pipelines	<u>L</u>	
16.01	Well Records on Site		
16.02	Well Records Filed		
7.05	Identification Markings	<u>L</u>	

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

SIGNED *Paul Phillips*
DATE 11-5-84

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

April 1, 1985

DATE

1.0 A.P. well number: (If not assigned, leave blank. 14 digits.)	47 -001 - 1930 -			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA		_____ Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5639 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Parcoil Corp. Name		_____ Seller Code	
	12221 Merit Drive Suite 770 Street			
	Dallas City	TX State	75251 Zip Code	
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	NA Field Name		_____ County	
	Barbour		WV State	
(b) For OCS wells:	_____ Area Name		_____ Block Number	
	Date of Lease: Mo. Day Yr.		_____ OCS Lease Number	
(c) Name and identification number of this well: (35 letters and digits maximum.)	Phillips #2			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	_____			
6.0 Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Tennessee Gas Transmission Name		_____ Buyer Code	
(b) Date of the contract:	 Mo. Day Yr.			
(c) Estimated total annual production from the well:	10 Million Cubic Feet			
	(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	_____	_____	_____ NA _____
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	_____	_____	_____ NA _____
9.0 Person responsible for this application:	Jack Childers Name		Designated Agent Title	
Agency Use Only	Date Received by Juris. Agency			
	AUG 13 1984			
	Date Received by FERC			
	Aug. 6, 1984 Date Application is Completed		(304) 842-6984 Phone Number	

Date Aug 6 1984

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

Operator's Well No. Phillips #2

API Well No. 47 - 001 - 1930
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

MGPA Section 103

DESIGNATED AGENT Jack Childers

ADDRESS Rt. 1 Box 181-C

Bridgeport, WV 26330

WELL OPERATOR Parcoil Corp.

LOCATION: Elevation 1790'

ADDRESS 12221 Merit Dr. Suite 770

Watershed Big Run

Dallas, TX 75251

Dist. Glade County Barbour Quad. Nestorville

GAS PURCHASER Tennessee Gas Transmission

Gas Purchase

ADDRESS P.O. Box 2511

Contract No.

Houston, TX

Meter Chart Code

Date of Contract

* * * * *

Date surface drilling was begun: 4/20/84

Indicate the bottom hole pressure of the well and explain how this was calculated:

Pf = Pwe ^{XGLS}

BHP = 1076 PSI

AFFIDAVIT

I, JACK C. CHILDERS, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Jack C. Childers

STATE OF WEST VIRGINIA,

COUNTY OF Harrison TO WIT:

I, Rhonda Jo Wharton, a Notary Public in and for the state and county aforesaid, do certify that Jack C. Childers, whose name is signed to the writing above, bearing date the 6 day of August, 1984, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 6 day of August, 1984.

My term of office expires on the 10 day of August, 1992.

[NOTARIAL SEAL]

Rhonda Jo Wharton
Notary Public

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

AUG 31 1984

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: Aug. 3, 1984

AGENCY USE ONLY

Applicant's Name: Parcoil Corp.

WELL DETERMINATION FILE NUMBER

Address: 12221 Merit Dr. Suite 770
Dalls, TX 75251

840813 - 103 - 001 - 1930

Gas Purchaser Contract No. _____

Use Above File Number on all
Communications Relating to This Well

Date of Contract _____
(Month, day and year)

First Purchaser: Tennessee Gas Transmission

Designated Agent: Jack Childers

Address: P.O. Box 2511
(Street or P.O. Box)
Houston, TX 77001
(City) (State) (Zip Code)

Address: P.O. Box 181-C
Bridgeport, WV 26330

FERC Seller Code _____

FERC Buyer Code _____

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL
BE ADDRESSED:

Name: Jack Childers
(Print)

Designated Agent
(Title)

Signature: [Signature]

Address: P.O. Box 181-C
(Street or P.O. Box)
Bridgeport, WV 26330

Telephone: 304 842-6984
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
 - 102-2 2.5 Mile Test
 - 102-3 1000 Foot Deeper Test
 - 102-4 New Onshore Reservoir
- 103 New Onshore Production Well
 - 103 New Onshore Production Well
- 107 High Cost Natural Gas
 - 107-0 Deep (more than 15,000 feet)
 - 107-1 Geopressed Brine
 - 107-2 Coal Seams
 - xx 107-3 Devonian Shale
 - 107-5 Production enhancement
 - 107-6 New Tight Formation
 - 107-7 Recompletion Tight Formation

- 108 Stripper Well Natural Gas
 - 108- Stripper Well
 - 108-1 Seasonally Affected
 - 108-2 Enhanced Recovery
 - 108-3 Temporary Pressure Buildup

AGENCY USE ONLY

1500' Radius - OK

APPROVED

OCT -3 1984

AUG 13 1984

AUG 31 1984

Date Received

Determination Date

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 001 - 1930 -			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 - Section of NGPA		3 Category Code	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	5639 feet			
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Parcoil Corp. Name		Seller Code	
	12222 Merit Dr Suite 770 Street			
	Dallas TX City State		75251 Zip Code	
5.0 Location of this well: (Complete (a) or (b).) (a) For onshore wells (35 letters maximum for field name.)	N/A Field Name		WV State	
(b) For OCS wells:	Area Name		Block Number	
	Date of Lease:		OCS Lease Number	
	Mo. Day Yr.			
(c) Name and identification number of this well: (35 letters and digits maximum.)	Phillips #2			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Tennessee Gas Transmission Name		Buyer Code	
(b) Date of the contract:	Mo. Day Yr.			
(c) Estimated total annual production from the well:	10 Million Cubic Feet			
	(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU -----	-----	-----	----- NA -----
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU -----	-----	-----	----- NA -----
9.0 Person responsible for this application:	Jack Childers Name		Designated Agent Title	
Agency Use Only	Date Received by Juris. Agency			
	AUG 13 1984			
	Date Received by FERC			
	8-84 Date Application is Completed		(304)842-6984 Phone Number	

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's
Well No. Phillips #2

API Well No.

47 - 001 - 1930
State County Permit

WELL CLASSIFICATION FORM

HIGH COST GAS WELL - DEVONIAN SHALE

NGPA Section 107

DESIGNATED AGENT Jack Childers

ADDRESS Rt. 1 Box 181-C
Bridgeport, WV 26336

LOCATION Elevation 1790'
Watershed Big Run

Dist. Glade County Barbour Quad. Nestorville

Gas Purchase
Contract No. _____

Meter Chart Code _____

Date of Contract _____

WELL OPERATOR Parcoil Corp.

ADDRESS 12221 Merit Dr. Suite 770
Dallas, TX 75251

GAS PURCHASER Tennessee Gas Transmission

ADDRESS P.O. Box 2511
Houston, TX 77001

* * * * *

Date surface drilling began: 04/20/84

Indicate the bottom hole pressure of the well and explain how this was calculated.

Pf = Pwe^{XGLS}

BHP = 1076 PSI

AFFIDAVIT

I, Jack Childers, having been first sworn according to law, state that I have calculated the percentage of footage of the producing interval which is not Devonian Shale as indicated by a Gamma Ray index of less than 0.7 if a Gamma Ray log described in subparagraph (3)(i) or (3)(ii)(A) has been filed, or as indicated by the report described in subparagraph (3)(ii)(B); I have demonstrated that the percentage of potentially disqualifying non-shale footage is equal to or less than five (5) percent of the gross Devonian age interval; and I have no knowledge of any information not described in the application which is inconsistent with a conclusion that the well qualifies as a high-cost natural gas well.

Jack C. Childers

STATE OF WEST VIRGINIA

COUNTY OF Harrison, TO-WIT:

I, Rhonda Jo Wharton, a Notary Public in and for the state and county aforesaid, do certify that Jack C. Childers, whose name is signed to the writing above, bearing date the 19 day of July, 1984, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 19 day of July, 1984.
My term of office expires on the 10 day of August, 1992.

(NOTARIAL SEAL)

Rhonda Jo Wharton
Notary Public

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES, OIL AND GAS DIVISION

AUG 31 1984

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: Aug. 3, 1984

AGENCY USE ONLY

Applicant's Name: Parcoil Corp.

WELL DETERMINATION FILE NUMBER
840813 - 107-001-1930
Use Above File Number on all
Communications Relating to This Well

Address: 12221 Merit Dr. Suite 770
Dalls, TX 75251

Gas Purchaser Contract No. _____

Date of Contract _____
(Month, day and year)

First Purchaser: Tennessee Gas Transmission

Designated Agent: Jack Childers

Address: P.O. Box 2511
(Street or P.O. Box)
Houston, TX 77001
(City) (State) (Zip Code)

Address: P.O. Box 181-C
Bridgeport, WV 26330

FERC Seller Code _____

FERC Buyer Code _____

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL BE ADDRESSED:

Name: Jack Childers Designated Agent
(Print) (Title)

Signature: Jack Childers

Address: P.O. Box 181-C
(Street or P.O. Box)
Bridgeport, WV 26330
(City) (State) (Zip Code)

Telephone: 304 842-6984
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For

NGPA SECTION/SUBSECTION

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 - 108- Stripper Well
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 - 108-2 Enhanced Recovery
 - 108-3 Temporary Pressure Buildup

AGENCY USE ONLY

QUALIFIED

AUG 13 1984

Date Received

AUG 31 1984

Determination Date

DEVONIAN SHALE QUALIFICATION CALCULATION

1. Calculation of thickness of Devonian Interval:

Bottom of Devonian Interval 5731 ft.

Top of Devonian Interval 2070 ft.

Thickness of Devonian Interval 3661 ft.

2. Calculation of 0.7 Gamma Ray Index:

Shale Base Line 157 API Units

0.7 Gamma Ray Index (70% of Shale Base Line) = 110 API Units

3. Calculation of Disqualifying Footage:

3661 ft. X 5% = 183 ft.

4. Actual footage < 0.7 Gamma Ray Index = 177.5 ft.

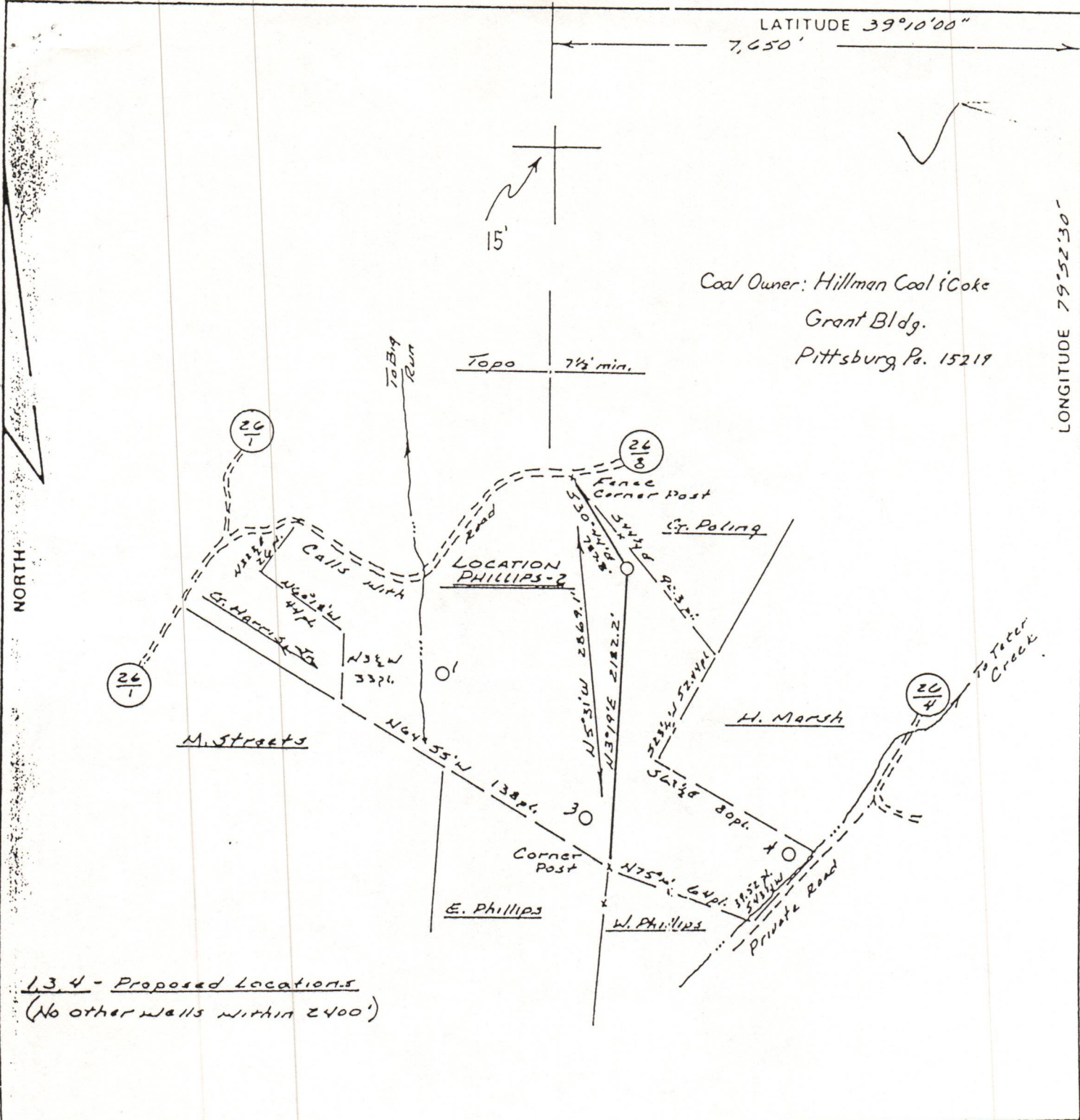
Using the above calculations, the Phillips #2 (47-001-1930) well qualifies as Devonian Shale.

By: Jack C. Childers

Sworn to and acknowledged before me by Jack C. Childers,
this 19 day of July, 1984.

Rhonda Jo W. Hunter
Notary Public

My commission expires: August 10, 1992



Coal Owner: Hillman Coal & Coke
 Grant Bldg.
 Pittsburg Pa. 15217

134 - Proposed Locations
 (No other wells within 2400')

FILE NO. 586.01
 DRAWING NO. 83-6
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Spot Elev. 1962'
East of location - 2.

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) Richard S. [Signature]
 R.P.E. _____ L.L.S. 555
Buckhannon, W. Va.

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE January 12, 19 83
 OPERATOR'S WELL NO. Phillips-2
 API WELL NO. 47-001-1930
 STATE 47 COUNTY 001 PERMIT 1930

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1790' WATER SHED Big Run
 DISTRICT Glade COUNTY Barbour
 QUADRANGLE Nastaville
 SURFACE OWNER William E. & James K. Phillips ACREAGE 147
 OIL & GAS ROYALTY OWNER William E. Phillips, et al LEASE ACREAGE 147
 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 Haverty ESTIMATED DEPTH 5600'
 WELL OPERATOR Parcel Corp. DESIGNATED AGENT Mr. Thomas B. Grayson, Jr.
 ADDRESS 11551 Forest Central Drive ADDRESS Rt. 1 - Box 181-C
Dallas, Texas 75243 Bridgeport, W. Va. 26330