

7/85

RECEIVED
OCT 18 1985



1) Date: OCTOBER 15, 1985
 2) Operator's Well No. COOK MOTOR LINES NO. 1
 3) API Well No. 47-033-3265
 State _____ County _____ Permit _____

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

- 4) WELL TYPE: A Oil _____ / Gas XX /
 B (If "Gas", Production XX / Underground storage _____ / Deep _____ / Shallow XX /)
- 5) LOCATION: Elevation: 1256' / Watershed: ANN MOORE RUN
 District: SIMPSON / County: HARRISON / Quadrangle: CLARKSBURG 7 1/2'
- 6) WELL OPERATOR PETROLEUM DEVELOPMENT CODE: 38200 7) DESIGNATED AGENT STEVEN R. WILLIAMS
 Address P.O. BOX 26, 103 EAST MAIN STREET Address P.O. BOX 26, 103 EAST MAIN STREET
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Steve Casey 884-7470 Name _____
 Address _____ Address _____
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate XX /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, BENSON
- 12) Estimated depth of completed well, 5000 feet
- 13) Approximate strata depths: Fresh, 40; 800 feet; salt, 1530 feet.
- 14) Approximate coal seam depths: 223 Is coal being mined in the area? Yes _____ / No XX /
- 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	1 3/4	H-44	42#	X		30			Kinds	
Fresh water										
Coal									Sizes	
Intermediate	8 5/8	J-55	20#	X		1080	1080	cement to surface (neat cement)		
Production	4 1/2	J-55	10.5#	X		5000	5000	425 sks	Depths set	
Tubing										
Lin...									Perforations:	
									Top Bottom	

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-033-3265

November 4 19 85

Date

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 November 4, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>FB</u>	Plat: <u>MX</u>	Casing: <u>MH</u>	Fee: <u>839380</u>	WPCP: <u>MX</u>	S&E: <u>MX</u>	Other: _____
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[Signature]
 Director, Division of Oil and Gas

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

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

12/29/2023 File

OFFICE USE ONLY

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

These Changes 884-7470

OFFICE USE ONLY

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

	<u>Date</u>	<u>Date(s)</u>
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____



WW-9

Rec'd. (WFSCD)

SEP 30 1985

DATE September 26, 1985

WELL NO. Cook Motor Lines No. 1

API NO. 47-033-3265

State of West Virginia

Department of ENERGY

Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Petroleum Development Corp. DESIGNATED AGENT Steven Williams
Address P.O. Box 26, Bridgeport, WV 26330 Address P.O. Box 26, Bridgeport, WV 26330
Telephone 842-6256 Telephone 842-6256
LANDOWNER Cook Motor Lines, Inc. SOIL CONS. DISTRICT West Fork
Revegetation to be carried out by Seeding Contractor (Agent)

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

10/16/85 (Date) Kenneth E. Knight (SCD Agent)

ACCESS ROAD

LOCATION

RECEIVED OCT 18 1985 DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

Structure Drainage ditch (A) Spacing inside road cuts Page Ref. Manual 2.12
Structure Cross drains with rip-rapped outlets (B) Spacing as noted on back section of this plan Page Ref. Manual 2.1
Structure (C) Spacing Page Ref. Manual

Structure Diversion ditch (1) Material earth Page Ref. Manual 2.12
Structure Rip-rap (2) Material stone Page Ref. Manual 2.14
Structure Sediment Barrier (3) Material Hay bales (staked) Page Ref. Manual 2-16

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

*** Reclaimed strip mine

Treatment Area I

** 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* Kentucky 31 35 lbs/acre
Landino clover 5 lbs/acre

Woods

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
Landino clover 3 lbs/acre

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

**Lime according to pH test

PLAN PREPARED BY David L. Jackson

ADDRESS P.O. Box 969 12/29/2023
Buckhannon, WV 26201


PHONE NO. 472-9369


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

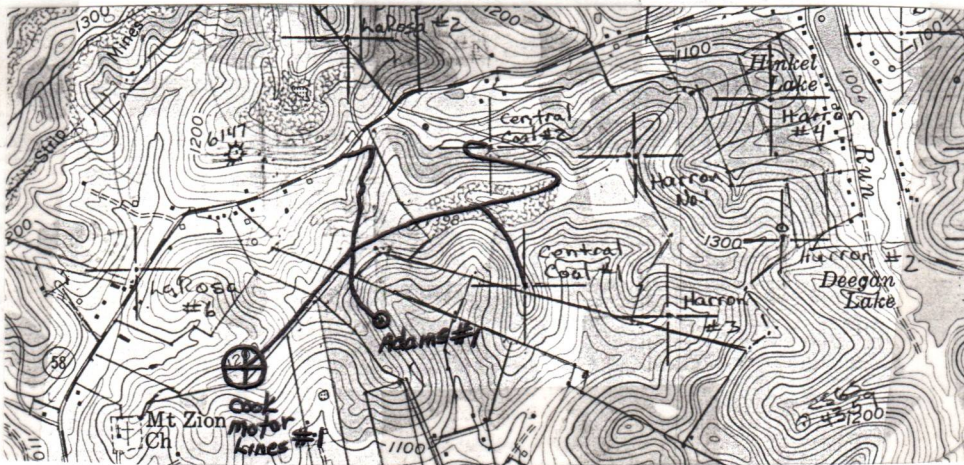
*** Note: Part of access road is through woods. See Treatment Area II for proper revegetation for this part of access road.

ATTACH OR PHOTOCOOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Clarksburg 7 1/2'

LEGEND

Well Site 





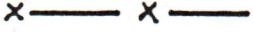





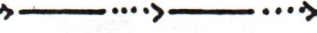
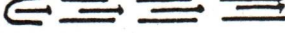
Access Road 

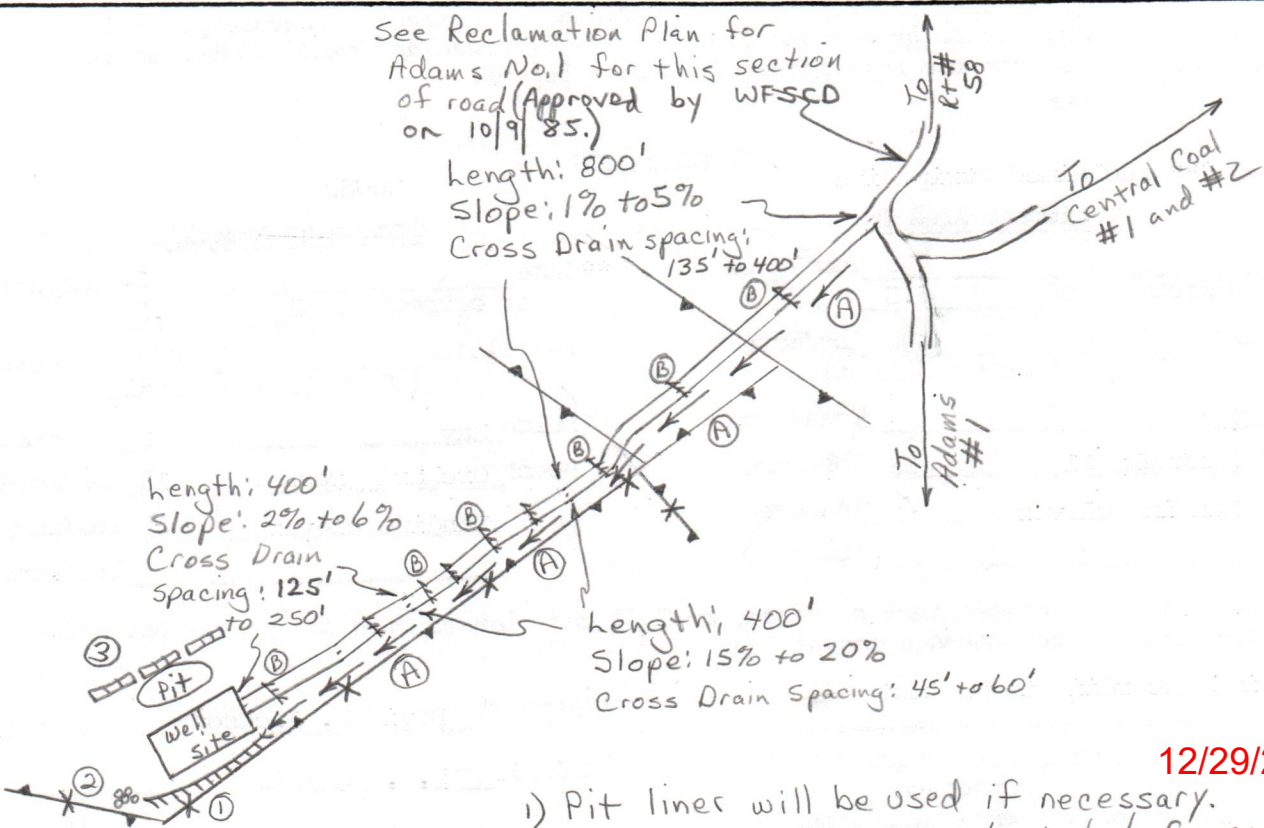


WELL SITE PLAN

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

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



12/29/2023

- 1) Pit lines will be used if necessary.
- 2) Timber will be cut and stacked for easy access.
- 3) Topsoil will be saved for reclamation work.
- 4) Staked hay bales will be placed in ditch line for sediment control.
- 5) Natural vegetation (filter strip) will remain undisturbed in areas between construction & natural water courses.

RECEIVED
OCT 18 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

- 1) Date: October 14, 19 85
Operator's
2) Well No. Cook Motor Lines #1
3) API Well No. 47 -033 -3265
State County Permit

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

(i) Name Cook Motor Lines, Inc.
Address P.O. Box 27,
Clarksburg, West Virginia 26301

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5 (i) COAL OPERATOR
Address _____

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Cook Motor Lines, Inc.
Address P.O. Box 27,
Clarksburg, West Virginia 26301

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

M. Gray

P 405 251 220

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED - NOT FOR INTERNATIONAL MAIL

Cook Motor Lines, Inc. (See Reverse)

Sent to
Cook Motor Lines, Inc.
Street and No.
PO Box 27
City, State and ZIP Code
Clarksburg, WV 26301

Postage	* 56
Certified Fee	75
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	70
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	201

Postmark or Date
BRIDGEPORT, WV
OCT 17 1985

TO THE PERSON(S) NAMED

- The Applicant involved in and, if applicable,
- The plat (survey)
- The Construction to plug a well or reclamation

THE REASON YOU REQUEST WHICH ARE SUMMARIZED IN WW-2(B) DESIGNATED FOR

Take notice that the operator proposes to file for a Well Work Permit well at the location described. Copies of this Notice, have been mailed by registered mail above (or by publication) to the Director of the

6) EXTRACTION RIGHTS

- Check and provide one of the following:
- Included is the right to hold the right
 - The requirement

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 WW-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.

and the following documents:

which sets out the parties to the well and its location; a plat; Form WW-6, and a Reclamation Plan for the well work is only for sediment control and for

REGARDING THE APPLICATION FOR A COPY OF THE APPLICATION AND ANY ACTION AT ALL.

the undersigned well operator and accompanying documents Gas, with respect to a well on attached Form WW-6. Reclamation and Reclamation Plan and to the person(s) named above on day of mailing or delivery

or contracts by which I am bound (reverse side for specifics.)



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

Steven K. Williams,
this 14th day of October, 1985,
My commission expires April 13, 1995.

Notary Public, Harrison County,
State of West Virginia

WELL OPERATOR Petroleum Development Corporation

By [Signature]
Its President
Address P.O. Box 26,
Bridgeport, West Virginia 26330
Telephone 304/842-6256 12/29/2023

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 Division 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 §22B-1-9(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 §22B-1-36.
- 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 §22B-1-6 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 §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 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 § § 22B-1-9, 22-B-1-13 and 22B-1-14.

INFORMATION SUPPLIED UNDER CODE §22B-1-8(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:

Grantor, lessor, etc.
Cook Motor Lines, Inc.

Grantee, lessee, etc.
Petroleum Development Corp.

Royal 12/29/2026 page
.125 1146/1142

SITE REGISTRATION APPLICATION FORM
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS
DRILLING PIT WASTE DISCHARGE

1. Company Name Petroleum Development Corporation
2. Mailing Address P.O. Box 26, Bridgeport, WV. 26330
3. Telephone 304/842-6256 street city state zip
4. Well Name Cook Motor Lines #1
5. Latitude 39-17-30N Longitude 80-15-00W
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-033-3265
8. County Harrison 9. Nearest Town Anmoore
10. Nearest Stream Ann Moore Run 11. Tributary of Elk Creek
12. Will Discharge be Contracted Out? yes X no
13. If Yes, Proposed Contractor PKC, Inc.
- Address 44 Baltimore Street, Westover, WV. 26505
- Telephone 304/292-1265
14. Proposed Disposal Method: UIC Land application X
- Off Site Disposal Reuse Centralized Treatment
- Thermal Evaporation Other
15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.

RECEIVED
OCT 18 1995

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS



Date _____
Operator's _____
Well No. #1
Farm COOK MOTOR LINES
API No. 47 - 033 - 3265

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

JAN 17 1986

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 xx / Underground Storage ___ / Deep ___ / Shallow xx/)

LOCATION: Elevation: 1256' Watershed ANN MOORE RUN
District: SIMPSON County HARRISON Quadrangle CLARKSBURG 7 1/2'

COMPANY PETROLEUM DEVELOPMENT CORPORATION

ADDRESS PO BOX 26, BRIDGEPORT, WV 26330

DESIGNATED AGENT STEVEN R. WILLIAMS

ADDRESS PO BOX 26, BRIDGEPORT, WV 26330

SURFACE OWNER COOK MOTOR LINES INC.

ADDRESS PO BOX 27, CLARKSBURG, WV 26301

MINERAL RIGHTS OWNER COOK MOTOR LINES INC.

ADDRESS PO BOX 27, CLARKSBURG, WV 26301

OIL AND GAS INSPECTOR FOR THIS WORK STEPHEN

CASEY ADDRESS JANE LEW, WV 26378

PERMIT ISSUED 11/4/85

DRILLING COMMENCED 12/21/85

DRILLING COMPLETED 12/31/85

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"	22'		
9 5/8			
8 5/8	1092'	1092'	220 sks
7			
5 1/2			
4 1/2	4648'	4648'	575 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION BENSON Depth 5000 feet

Depth of completed well 4680 feet Rotary xx / Cable Tools _____

Water strata depth: Fresh 85; 2020 feet; Salt _____ feet

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

OPEN FLOW DATA

Producing formation BENSON Pay zone depth 4495-4513 feet

Gas: Initial open flow not taken Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 539 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1875 psig (surface measurement) after 72 hours shut in

(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth 12/29/2023 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)

HARR 3265

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

	PERFS	ACID	80/100 SAND	20/40 SAND	NITROGEN	SLF-BBL
BENSON	4495-4513	500 gal.	15,000 lb.	65,000 lb.	80,000 scf	638

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
KB - GL			0	10	
sand, shale, RR			10	1384	1/2" stream fresh H2O @ 85
Little Lime			1384	1401	
sand, shale			1401	1439	
Big Lime			1439	1495	
Keener			1495	1538	
sand, shale			1538	1546	
Big Injun			1546	1595	gas check @ 1664' no show
sand, shale			1595	1953	gas check @ 1789' 8/10 - 1" H2O
50 ft			1953	2000	
sand, shale			2000	2084	1" stream H2O @ 2020'
Gordon Stray			2084	2102	gas check @ 2040' 8/10 - 1" H2O
sand, shale			2102	2108	
Gordon			2108	2136	
sand, shale			2136	2255	gas check @ 2164' 8/10 - 1" H2O
4th			2255	2286	
sand, shale			2286	2315	
4th A			2315	2342	
sand, shale			2342	2448	
5th			2448	2487	
sand, shale			2487	2940	gas check @ 2507' 20/10 - 1" H2O
Upper Speechley			2940	3075	
sand, shale			3075	3103	
Speechley			3103	3201	
sand, shale			3201	3295	gas check @ 3289' no show
Balltown			3295	3652	gas check @ 3504' no show
sand, shale			3652	3714	
Bradford			3714	3797	
sand, shale			3797	4264	gas check @ 3900' no show
Riley			4264	4349	
sand, shale			4349	4491	gas check @ 4375' odor
Benson			4491	4550	gas check @ 4532' 70/10 - 1" H2O
sand, shale			4550	4688	Driller TD 10/10 - 1" H2O
			4688	4680	Logger TD 10/10 - 1" H2O

(Attach separate sheets as necessary)

PETROLEUM DEVELOPMENT CORPORATION

Well Operator

By: [Signature] 12/29/2023

Date: 1/16/86

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."

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

FINAL INSPECTION REQUEST

JUN 11 1986

INSPECTOR'S COMPLIANCE REPORT

11-4-85

Permit No. 33-3265 County Harr.
 Company Petrol. Devel. Co. Farm COOK
 Inspector _____ Well No. 1
 Date _____

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	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No surface or underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

COMMENTS: _____

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Shele Casey
 DATE: 6-6-86

12/29/2023

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 033 - 3265 -			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103 Section of NGPA		<div style="border: 2px solid black; padding: 5px; transform: rotate(-5deg); display: inline-block;"> RECEIVED JAN 22 1986 DIVISION OF OIL & GAS DEPARTMENT OF ENERGY </div>	
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	4513			
4.0 Name, address and code number of applicant: (25 letters per line maximum. If code number not available, leave blank.)	Petroleum Development Corporation Name P.O. Box 26, 103 East Main Street Street Bridgeport WV 26330 City State Zip Code			
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (25 letters maximum for field name.) (b) For OCS wells:	UNNAMED Field Name HARRISON WV County State Area Name Block Number Date of Lease: [][][][][][] Mo. Day Yr. OCS Lease Number			
(c) Name and identification number of this well: (25 letters and digits maximum.)	COOK MOTOR #1			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (25 letters maximum.)	BENSON			
6.0 (a) Name and code number of the purchaser: (25 letters and digits maximum. If code number not available, leave blank.) (b) Date of the contract:	HOPE GAS INC Name Buyer PENDING [][][][][][] Mo. Day Yr.			
(c) Estimated total annual production from the well:	25 Million Cubic Feet			
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]
9.0 Person responsible for this application:	Steven R. Williams Name President [Signature] Signature 1/16/86 Date Application is Completed (304) 842-6256 Phone Number			

FERC-123 (8-82)

12/29/2023

FEB 15 1986

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

State: 1/16, 1986 38200

Applicant's Name: Petroleum Development Corporation

Address: P.O. Box 26
Bridgeport, WV 26330

Buyer Purchaser Contract No. PENDING

Date of Contract _____
 (Month, day and year)

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER

860122 -1030 -033 -326

Use Above File Number on all Communications Relating to This

First Purchaser: HOPE GAS INC P637

Address: 445 W MAIN
 (Street or P.O. Box)
CLARKSBURG, WV 26301
 (City) (State) (Zip Code)

FERC Seller Code 014902

Designated Agent: Steven R. Williams

Address: _____
P.O. Box 26
Bridgeport, WV 26330

FERC Buyer Code _____

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

Name: Steven R. Williams President

(Print) _____ (Title)

Signature: [Signature]

Address: P.O. Box 26
 (Street or P.O. Box)
Bridgeport, WV 26330
 (City) (State) (Zip Code)

Telephone: (304) 842-3597
 (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 Geopressured Brine
 - 107-2 Coal Seams
 - 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

AGENCY USE ONLY

12/29/2023

QUALIFIED

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JAN 22 1986

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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

Date 1/16 1986
Operator's Well No. COOK MOTOR #1
API Well No. 47 - 033 - 3265
State County FERRIS

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT Petroleum Development Corporation
ADDRESS 103 East Main Street
Bridgeport, WV 26301

WELL OPERATOR Petroleum Development Corporation
ADDRESS 103 East Main Street
Bridgeport, WV 26301

LOCATION: Elevation 1250
Watershed PAH MOORE RUN
Dist. SIMPSON County HARRISON Quad. CLARKSBURG

GAS PURCHASER HOPE GAS INC
ADDRESS 445 W MAIN
CLARKSBURG, WV 26301

Gas Purchase Contract No. PENDING
Meter Chart Code _____
Date of Contract _____

* * * * *

Date surface drilling was begun: 12/21/85

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

$P_{ws} = P_{ts} (e) \frac{0.01875 GE}{2T}$

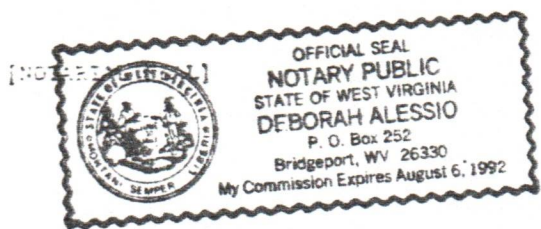
- P_{ws} = Static Bottom Hole Pressure = 2118 psia
- P_{ts} = Static Wellhead Pressure = 1875 psia
- Bottom Hole Temperature = 100 °F
- G = Specific Gravity of Gas = .61
- E = Well Depth to Center Perfs. = 4504
- Z = Compressibility Factor at Arithmetic Mean Temperature & Pressure = .78
- T = Arithmetic Mean Temperature FFIDAVIT 540

I, STEVE WILLIAMS, 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.

STATE OF WEST VIRGINIA,

COUNTY OF Harrison TO WIT:

I, Deborah Alessio, a Notary Public in and for the state and county aforesaid, do certify that Steven A. Williams whose name is signed to the writing above, bearing date the 16th day of January, 1986, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 16th day of January, 1986. My term of office expires on the 6th day of August, 1992.



Deborah Alessio
Notary Public

12/29/2023

47-033-3265

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JAN 22 1986

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

1.0 API well number:
(If not assigned, leave blank. 14 digits.)

2.0 Type of determination being sought:
(Use the codes found on the front
of this form.)

107
Section of NGPA

3.0 Depth of the deepest completion
location: (Only needed if sections 103
or 107 in 2.0 above.)

4513

4.0 Name, address and code number of
applicant: (25 letters per line
maximum. If code number not
available, leave blank.)

Petroleum Development Corporation
Name
P.O. Box 26, 103 East Main Street
Street
Bridgeport WV 26330
City State Zip Code

5.0 Location of this well: (Complete (a)
or (b).)

UNNAMED

(a) For onshore wells
(25 letters maximum for field
name.)

Field Name
HARRISON WV
County 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: (25 letters and digits
maximum.)

COOK MOTOR #1

(d) If code 4 or 5 in 2.0 above, name
of the reservoir: (25 letters
maximum.)

BENSON

6.0 (a) Name and code number of the
purchaser: (25 letters and digits
maximum. If code number not
available, leave blank.)

HOPE GAS INC
Name Buyer

(b) Date of the contract:

PENDING
Mo. Day Yr.

(c) Estimated total annual production
from the well:

25 Million Cubic Feet

	(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-)]	(d) Total of (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU PENDING	---	---	---
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU Section	104 + Taxes	---	---

9.0 Person responsible for this application:

Agency Use Only
Date Received by Juris. Agency
JAN 22 1986
Date Received by FERC

Steven R. Williams
Name President
Signature
1/16/86
Date Application is Completed
(304) 842-6256
Phone Number

FERC-123 (8-82)

12/29/2023

DEPARTMENT OF MINES, OIL AND GAS DIVISION

840409-79

FEB 15 1986

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: 1/16, 1986 38200

Applicant's Name: Petroleum Development Corporation

Address: P.O. Box 26
Bridgeport, WV 26330

Gas Purchaser Contract No. PENDING

Date of Contract _____
 (Month, day and year)

AGENCY USE ONLY

WELL DETERMINATION FILE NUMBER

860122 - 1076-033 - 3265

Use Above File Number on all Communications Relating to This Well

First Purchaser: HUPE GAS INC 9637

Address: 445 W. MAIN
 (Street or P.O. Box)
CLARMSBURG, WV 26301
 (City) (State) (Zip Code)

FERC Seller Code 014902

Designated Agent: Steven R. Williams

Address: P.O. Box 26
Bridgeport, WV 26330

FERC Buyer Code _____

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

Name: Steven R. Williams President

Signature: _____ (Title)

Address: P.O. Box 26
 (Street or P.O. Box)
Bridgeport, WV 26330
 (City) (State) (Zip Code)

Telephone: (304) 842-3597
 (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 Geopressured Brine
 - 107-2 Coal Seams
 - 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 Build

AGENCY USE ONLY

CLK/bjg

QUALIFIED

12/29/2023

RECEIVED
JAN 22 1986

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

WELL CLASSIFICATION FORM

HIGH-COST GAS - NEW TIGHT FORMATION

NPA SECTION 107

WELL OPERATOR Petroleum Development Corp.
Address 103 East Main St., P.O. Box 26
Bridgeport, WV 26330

Designated Agent Petroleum Development
Address 103 East Main St., P.O. Box 2
Bridgeport, WV 26330

Gas Purchaser HOPE GAS INC
Address 445 W MAIN
CLARKSBURG, WV 26301

Location: Elevation 1256
Watershed ANN MOORE RUN Quad. CLARKSBURG
District SIMPSON County HARRISON

Gas Purchase Contract No. PENDING
Meter Chart Code _____
Date of Contract _____

* * * * *

Date surface drilling began 12/21/85

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

$$\frac{0.01875 \text{ GE}}{2T} P_{ws} = P_{ts(e)}$$

- P_{ws} = Static Bottom Hole Pressure = 2118 psia
- P_{ts} = Static Wellhead Pressure = 1875 psia
- Bottom Hole Temperature = 100 °F
- G = Specific Gravity of Gas = 1.61
- H = Well Depth to Center Perfs = 4504
- Z = Compressibility Factor at Arithmetic Mean Temperature & Pressure = 78
- T = Arithmetic Mean Temperature = 540

I, STEVE WILLIAMS, 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 July 16, 1979, the gas is being produced from a designated tight formation 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.

[Handwritten Signature]

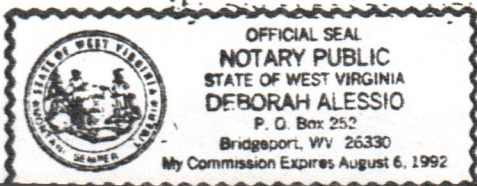
STATE OF WEST VIRGINIA

COUNTY OF HARRISON, COUNTY:

I, DEBORAH ALESSIO, a Notary Public in and for the state and county aforesaid, do certify that Steven R. Williams whose name is signed 12/29/2023 above, has acknowledged the same before me, in the county aforesaid.

Given under my hand this 16th day of January, 2006

My Commission Expires AUGUST 6, 1992



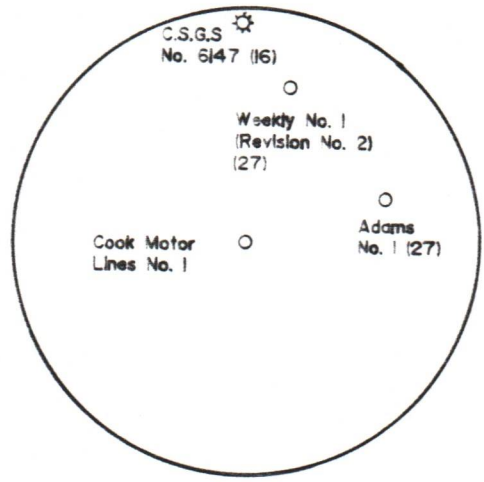
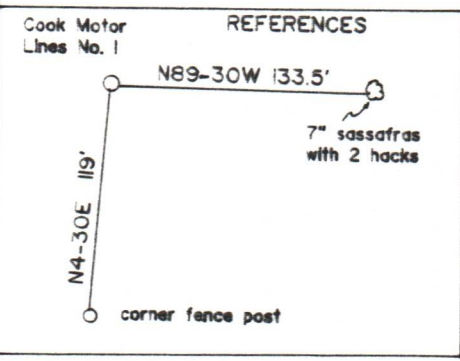
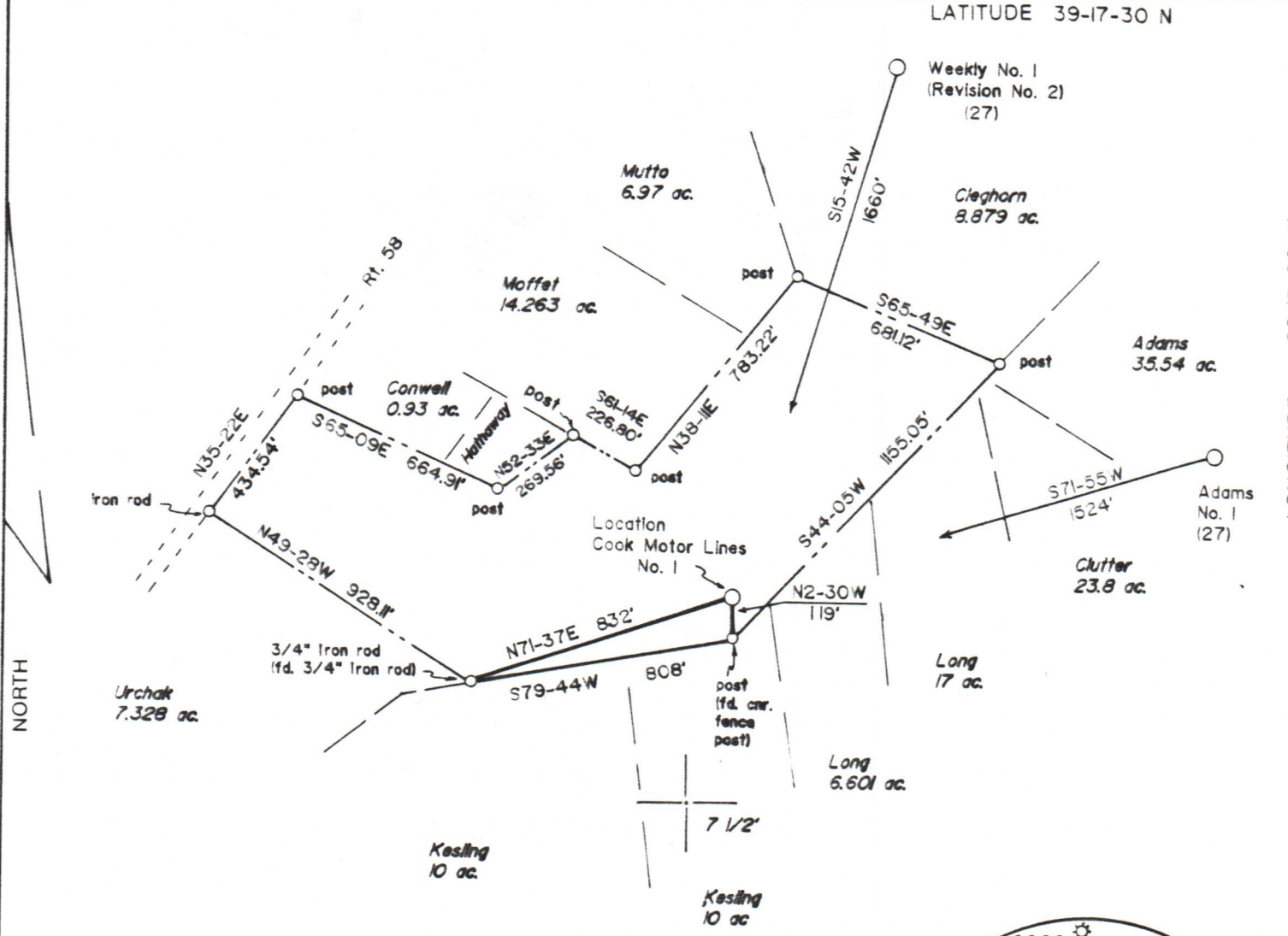
[Handwritten Signature]

774 10-29-85

7510

LATITUDE 39-17-30 N

LONGITUDE 80-15-00 W



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Hilltop 4800' north of
Location: elev. 1554

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) David L. Jackson
 R.P.E. _____ L.L.S. 708

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE October 4, 19 85
 OPERATOR'S WELL NO. Cook Motor Lines
 API WELL NO. No. 1

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1256 WATER SHED Ann Moore Run
 DISTRICT Simpson COUNTY Harrison
 QUADRANGLE Clarksburg 7 1/2'

SURFACE OWNER Cook Motor Lines, Inc. ACREAGE 31
 OIL & GAS ROYALTY OWNER Cook Motor Lines, Inc. LEASE ACREAGE 31 LEASE NO. 382900

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Benson ESTIMATED DEPTH 5000
 WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Steven Williams
 ADDRESS P.O. Box 26, Bridgeport, WV 26330 ADDRESS P.O. Box 26, Bridgeport, WV 26330

STATE 47 COUNTY 033 PERMIT 3265

12/29/2023

COUNTY NAME PERMIT