

**BC-22
PRODUCER COST OF SERVICE INVENTORIES**

FIELD PROCESSING UNIT					
Capacity Rating 10 ³ m ³ /month	Year Installed	Process Type	Location	A, C, D	Field Processor ID Number
F1	F2	F3	F4	F5	F6

LINEHEATERS						
Capacity Rating 10 ³ m ³ /month	Year Installed	Lineheater Type SP(1 COIL) OR DP (2 COIL)	Heat Duty	Location	A, C, D	Lineheater ID Number
G1	G2	G3	G4	G5	G6	G7

Company Name					H1	
<i>I hereby certify that the information provided on this form and in the supporting documentation is correct.</i>						
Production Accounting Contact Name	Telephone	Field Engineering Contact Name		Telephone		
H2	H3	H4	H5			
Comments						
H6						

MINISTRY USE ONLY		
Mineral, Oil and Gas Revenue	Date	Input Rates
Comments		

Note: A map of the facility area showing wellsites, gathering lines, compressor and dehydrator locations should also be supplied.

* Attach separate sheet for additional gas pipeline segments.

BC-22 APPLICATION FOR PRODUCER COST OF SERVICE ALLOWANCE

PURPOSE

The PCOS allowance is a fixed rate deduction from gross natural gas royalties payable, expressed in $\$/10^3\text{m}^3$ of raw gas. The PCOS allowance is intended to cover the cost of transporting the royalty/tax share of raw gas from the wellhead to the inlet of a gas processing plant. The BC-22 form is filed by a facility operator to apply for a PCOS allowance to be calculated for a new reporting facility and to notify the Ministry of equipment additions/deletions at existing reporting facilities.

The calculation of PCOS rates is based on estimated costs for equipment items at a reporting facility. Equipment items include gathering lines, compressors, dehydrators, lineheaters and field processing units.

TIMING

The BC-22 application is submitted to the Mineral, Oil and Gas Revenue Branch (MOGRB) prior to the production month in which a reporting facility begins to produce marketable gas for sale or to notify the MOGRB of equipment additions/deletions. PCOS rates are calculated on an annual basis for each reporting facility

FACILITY

A1 Facility Code Enter the 8-digit facility identification code.

A2 Facility Name Enter the name of the facility.

VOLUME AND H₂S CONTENT

B1 Estimated Annual Production Volume of Raw Gas Enter the estimated volume of raw gas to be produced at the facility for the following 12 months. Estimates should reflect volumes expected as a result of capital additions or deletions.

B2 Weighted average H₂S content of inlet stream to the Facility Enter the weighted average H₂S content of the inlet stream for the facility using actual or estimated annual production volumes.

GATHERING LINES

C1 Outside Diameter (mm) Enter the outside diameter of the gathering line segment in millimetres.

C2 Length (km) Enter the length of the gathering line segment in kilometers.

C3 Year Installed Insert the year that the gathering line segment was installed

C4 UWI Where the gathering line segment is connecting a well to the facility, enter the unique well identifier for the well.

C5 Location of pipeline segments gathering gas Insert NTS or DLS map locations where each gathering line section begins and ends.

GATHERING LINES cont'd

- C6 Shared With Facility** Where a gathering line segment is transporting gas from other facilities, enter the reporting facility codes of other facilities delivering gas through the gathering line segment. When a facility operator identifies a gathering line that is gathering gas from multiple reporting facilities, the Ministry will contact the facility operator to determine the method of allocating the capital and operating costs of the gathering line. There are three allocation methodologies:
- A. Fixed Ratio Allocation: Capital and operating costs are allocated based on fixed ratios provided by the facility operator.
 - B. Production Volume Allocation: Capital and operating costs will be allocated based on the previous year's production volumes for each reporting facility delivering gas to the gathering line segment.
 - C. Combination of A & B.
- C7 Addition/Change/ Deletion** For each gathering line segment, identify whether the gathering line segment is a new addition (A), change (C) or a deletion (D).
- C8 Pipeline ID Number** A unique pipeline ID number is assigned in the PCOS database for each gathering line segment. When recording a gathering line deletion or transfer between facilities and the pipeline ID number is known, it can be entered here to identify a gathering line segment for tracking in the PCOS database.

DEHYDRATION UNIT

- D1 Capacity Rating $10^3\text{m}^3/\text{month}$** Enter the actual design capacity of the dehydration unit in 10^3m^3 per month of raw gas.
- D2 Contactor Diameter** Enter the nominal diameter of the dehydrator vessel (inches).
- D3 Maximum Allowable Working Pressure** Enter the dehydrator's maximum allowable working pressure in pounds per square inch (psi).
- D4 Year Installed** Insert the year of initial installation. In the case of second-hand units previously installed at another location, enter the initial construction date for the dehydration unit.
- D5 Dehydrator Type** Specify the type of dehydration process used (e.g. glycol (G), dessicant (D), calcium chloride (C)).
- D6 Location** Enter the NTS or DLS map location.

DEHYDRATION UNIT cont'd

- D7 Shared With Facility** Where the dehydrator is dehydrating gas from multiple facilities, enter the facility codes of the other facilities delivering gas to the dehydrator. When a facility operator identifies a dehydrator that is dehydrating gas from multiple reporting facilities, the Ministry will contact the facility operator to determine the method of allocating the capital and operating costs of the dehydrator. There are three allocation methodologies:
- A. Fixed Ratio Allocation: Capital and operating costs are allocated based on fixed ratios provided by the facility operator.
 - B. Production Volume Allocation: Capital and operating costs will be allocated based on the previous year's production volumes from each reporting facility delivering gas to the dehydrator.
 - C. Combination of A & B.
- D8 Addition/Change/Deletion** For each dehydrator listed, identify whether the dehydrator is a new addition (A), change (C) or a deletion (D).
- D9 Dehydrator ID Number** A unique Dehydrator ID number is assigned in the PCOS database for each dehydrator. When recording a dehydrator deletion or transfer between facilities and the dehydrator ID number is known, it can be entered here to identify a dehydrator for tracking in the PCOS database.

COMPRESSOR

- E1 Brake Horsepower** Insert the Brake horsepower rating of the compressor.
- E2 Year Installed** Insert the year of initial installation. In the case of second-hand units previously installed at another location, enter the initial construction date for the compressor.
- E3 Compressor Type** Insert the type of drive that powers the compressor
- GERC Gas Engine Reciprocating
 - GESC Gas Engine Screw Compressor
 - EMRC Electric Motor Reciprocating
 - EMSC Electric Motor Screw Compressor
 - TURB Turbine Drive
- E4 Location** Insert the NTS or DLS map location.

COMPRESSOR cont'd

- E5 Shared With Facility** Where the compressor is compressing gas from multiple facilities, enter the facility codes of the other facilities delivering gas to the compressor. When a facility operator identifies a compressor that is compressing gas from multiple reporting facilities, the Ministry will contact the facility operator to determine the method of allocating the capital and operating costs of the compressor. There are two allocation methodologies:
- A. Fixed Ratio Allocation: Capital and operating costs are allocated based on fixed ratios provided by the facility operator.
 - B. Production Volume Allocation: Capital and operating costs will be allocated based on the previous year's production volumes from each reporting facility delivering gas to the compressor.
 - C. Combination of A & B.
- E6 Addition/Change/Deletion/** For each compressor listed, identify whether the compressor is a new addition (A), change (C) or a deletion (D).
- E7 Compressor ID Number** A unique Compressor ID number is assigned in the PCOS database for each compressor. When recording a compressor deletion or transfer between facilities and the Compressor ID number is known, it can be entered here to identify a compressor for tracking in the PCOS database.

FIELD PROCESSING UNIT

NOTE: This section should be completed only for those facilities that process raw gas in the field for the exclusive purpose of providing fuel for the field gathering, field dehydration or field compression systems.

- F1 Capacity Rating $10^3\text{m}^3/\text{month}$** Enter the volume of raw gas in thousand cubic meters per month that the unit was initially designed to process.
- F2 Year Installed** Insert the year of initial installation. In the case of second-hand units previously installed at another location, enter the initial construction date for the field processing unit.
- F3 Process Type** Enter the process type of the field processing unit - Amine (A), Iron Sponge (IS) or Sulphatreat (ST).
- F4 Location** Enter the NTS or DLS map location of the field processing unit.
- F5 Addition/Change/Deletion** For each field processing unit listed, identify whether the field processing unit is a new addition (A), change (C) or a deletion (D).
- F5 Field Processor ID Number** A unique Field Processor ID number is assigned in the PCOS database for each field processor. When recording a field processor deletion or transfer between facilities and the Field Processor ID number is known, it can be entered here to identify a field processor for tracking in the PCOS database.

LINE HEATERS

- G1 Capacity Rating $10^3\text{m}^3/\text{month}$** Enter the design capacity of the lineheater in 10^3m^3 per month of raw gas.
- G2 Year Installed** Insert the year of initial installation. In the case of second-hand units previously installed at another location, enter the initial construction date of the lineheater.
- G3 Lineheater Type SP (1 COIL) OR DP (2 COIL)** Enter (SP) for single coil, (DP) for double coil.
- G4 Heat Duty** Enter the lineheater heat duty in thousand BTUs per hour (MBTU/hr).
- G5 Location** Enter the NTS or DLS map location.
- G6 Addition/Change/Deletion** For each line heater listed, identify whether the line heater is a new addition (A) or a deletion (D).
- G7 Lineheater ID Number** A unique Lineheater ID number is assigned in the PCOS database for each line heater. When recording a lineheater deletion or transfer between facilities and the Lineheater ID number is known, it can be entered here to identify a line heater for tracking in the PCOS database.

FACILITY OPERATOR

- H1 Company Name** Insert the name of the facility operator.
- H2 Production Accounting Contact Name** Print the name of a production accounting contact person for the facility operator.
- H3 Telephone** Insert the telephone number of the production accounting contact person.
- H4 Field Engineering Contact Name** Print the name of the field engineer to contact for further information.
- H5 Telephone** Insert telephone number of the field engineer.
- H6 Comments** Enter any comments relating to the BC-22 PCOS Application.