DESCRIPTION OF THE WHEATSTONE ASHBURTON WEST PIPELINE

AS AT

1 JUNE 2024

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1. Introduction

The Wheatstone Ashburton West Pipeline (WAWP) is operated by AGI Operations (AGI Ops) to deliver Wheatstone and Tubridgi gas to the DBNGP.

The WAWP Pipeline System is described in Section 2. The boundaries of the system are defined by the system's inlet and outlet points.

At inlet points, custody and title of gas transfers from shippers to WAWP. Facilities upstream of the inlet points are constructed, owned and operated by shippers or by parties other than AGIO.

At outlet points, custody and title of gas transfers from WAWP to the Dampier to Bunbury Natural Gas Pipeline ("DBNGP") which is owned by DBNGP (WA) Nominees Pty Ltd as Trustee for the DBNGP (WA) Pipeline Trust and is operated by DBNGP (WA) Transmission Pty Ltd ("DBP"). Facilities downstream of the outlet points are constructed, owned and operated by DBP.

Section 3 describes the major component parts of the WAWP system.

2. Description of the WAWP System: Inlet Points and Outlet Points

The schematic on the following page describe the WAWP system in terms of its inlet and outlet points.

"Inlet point" means *a flange or joint or other point specified in a gas transportation contract as the point at which the shipper delivers gas to WAWP under the contract.* Table 1 defines each of the inlet points in the WAWP system.

"Outlet point" means *a flange or joint, notional gate point or other point specified in a gas transportation contract as a point at which WAWP delivers gas to the DBNGP or delivering gas to the Ashburton Onslow Gas Pipeline (AOGP). Table 2 defines each of the outlet points.*

Ashburton West Facilities (ASW) is a major compound where Wheatstone passing through and flowing toward CS2 on the DBNGP via both the Ashburton West Loop and Ashburton West Lateral, and some of the gas leaving WAWP and delivering to the Ashburton Onslow Gas Pipeline (AOGP), and new Inlet Point from Tubridgi Gas Storage is delivering into the WAWP.

The following designations are used in the schematic and tables:

Number of inlet points	Active	3
	Under Construction	0
Number of outlet points	Active	6
	Under Construction	0

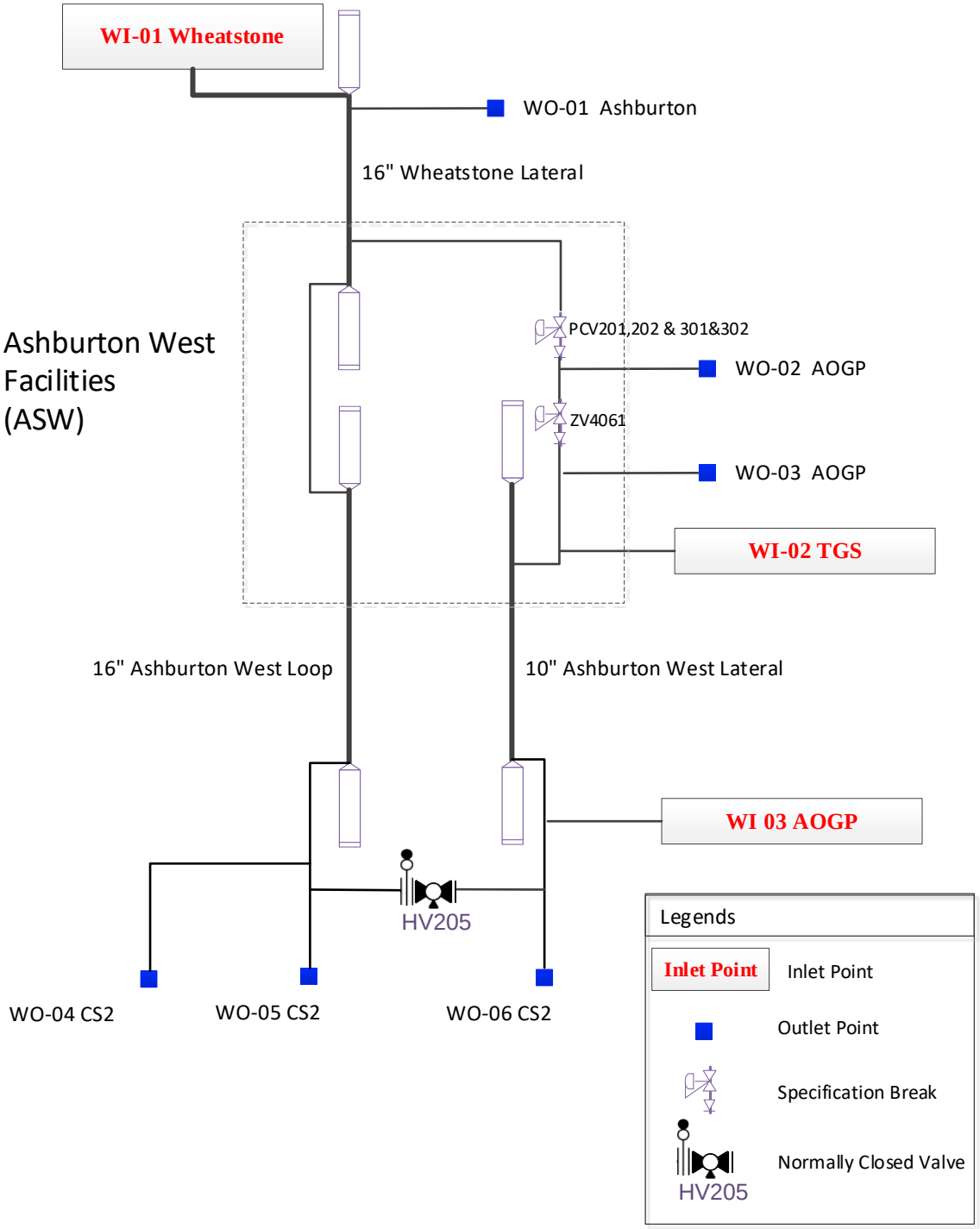
WI-01 Wheatstone
WO-01 Ashburton
16" Wheatstone Lateral
Ashburton West Facilities (ASW)
PCV201,202 & 301&302
WO-02 AOGP
ZV4061
WO-03 AOGP
WI-02 TGS
16" Ashburton West Loop
10" Ashburton West Lateral
WI 03 AOGP
HV205
WO-04 CS2
WO-05 CS2
WO-06 CS2
Legends
Inlet Point
Inlet Point
Outlet Point
Specification Break
Normally Closed Valve
HV205

TABLE 1
GAS TRANSMISSION SYSTEM: INLET POINTS

LOCATION	POINT DESIGNATION	DISTANCE FROM INLET (Pipeline kilometres)	DESCRIPTION
Wheatstone	WI - 01	0.00	Inlet Point is at the upstream flange of the flange joint upstream of the insulation joint at the Wheatstone Launcher Facilities.
ASW	WI - 02	21.36	Inlet Point is at the upstream flange of the hand valve HV-ASW-100 which connects to the tee piece downstream of ZV4061, and located inside the Ashburton West Facilities (ASW)
CS2	WI - 03	108.73	Inlet Point is at the downstream flange of flow control valve FCV4001 and located inside the Wheatstone Receiver Facilities outside CS2 on the DBNGP

TABLE 2
GAS TRANSMISSION SYSTEM: OUTLET POINTS

LOCATION	POINT DESIGNATION	DISTANCE FROM INLET (Pipeline kilometres)	DESCRIPTION
Wheatstone	WO - 01	0.00	Outlet Point is at the tee piece between hand valve HV066 and HV022 located inside the Wheatstone Launcher Facilities
ASW	WO - 02	21.36	Outlet Point is at the upstream flange of the hand valve HV4066 located inside the Ashburton West Facilities (ASW)
ASW	WO - 03	21.36	Outlet Point is at the upstream flange of the hand valve HV4055 located inside the Ashburton West Facilities (ASW)
CS2	WO - 04	108.73	Outlet Point is at upstream flange of the valve ZV3 at the ZV3 compound outside CS2 on the DBNGP
CS2	WO - 05	108.73	Outlet Point is at the tee piece between HV205 and HV205A located at Wheatstone Receiver Facilities, outside CS2 on the DBNGP
CS2	WO - 06	108.73	Outlet Point is at upstream flange of the valve ZV2 at the ZV2 compound outside CS2 on the DBNGP

3. Description of the WAWP System

The principal component parts of the WAWP system are:

Section:	**Wheatstone Lateral (Wheatstone Inlet MS to Ashburton West Facilities)**
Length	21.36 km
Nominal size	400 mm DN400
Nominal wall thickness	9.0 mm
Steel type	API 5L X70
MAOP	15.3 MPa (gauge)
Section:	**Ashburton West Loop (Ashburton West Facilities to DBNGP)**
Length	87.37 km
Nominal size	400 mm DN400
Wall thickness	9.0 mm
Steel type	API 5L X70
MAOP	15.3 MPa (gauge)
Section:	**Ashburton West Lateral (Ashburton West Facilities to DBNGP)**
Length	87.37 km
Nominal size	250mm DN250
Wall thickness	5.2 mm
Steel type	API 5L X70
MAOP	12.0 MPa (gauge)

3. Description of the WAWP Capacity Services

3.1 WAWP Pipeline System Main Capacity Services

Main capacity services on the WAWP include the following:

- Forward Capacity Services: Delivering capacity services from Wheatstone Plant to CS2 on the DBNGP via both the 16" Ashburton West Loop and the 10" Ashburton Lateral
- Backflow Capacity Services": Delivering capacity services from CS2 on the DBNGP to the Wheatstone Plant via both the 16" Ashburton West Loop and the 10" Ashburton Lateral. This capacity service is for the original Wheatstone Domgas Plant commissioning period as well as black start requirements.

The following table shows the current available capacity services on the WAWP.

Service	**Forward Capacity Service** **From Wheatstone to the DBNGP**
Firm	337 TJ/d
As Available	380 TJ/d

Service	**Backflow Capacity Services** **For Commissioning/black start from DBNGP to Wheatstone**
Firm	123 TJ/d
As Available	203 TJ/d