



COMMONWEALTH OF AUSTRALIA

Sections 226 and 708

Offshore Petroleum and Greenhouse Gas Storage Act 2006

VARIATION OF PIPELINE LICENCE WA-5-PL

I, **JOANNE JENNIFER BELL**, Delegate of the National Offshore Petroleum Titles Administrator, on behalf of the Commonwealth–Western Australia Offshore Petroleum Joint Authority hereby vary Pipeline Licence WA-5-PL as set out below.

1. The First Schedule of the Licence is varied by deleting the words:

“The route of the pipeline shall be as described in the table below, from and including the boundary of Pipeline Licence WA-21-PL and WA-5-PL at the western end of the East Spar manifold at or about 7,707,290.78mN, 290,101.15mE to the pipeline licence boundary of TPL-12 at or about 7,714,306.54mN, 330,042.88mE along a line no point of which shall be more than 125 metres from the proposed pipeline route as shown in the drawing attached to the Licence as Annexure ‘A’. The coordinates given above are relative to UTM zone 50, with Central Meridian 117 deg E based on Geodetic Datum of Australia (GDA94).

Feature ID	Feature Name	Kilometre Point	UTM Zone	Easting (mE)	Northing (mN)
1 (start)	Boundary of WA-21-PL and WA-5-PL	0	Zone 50	290,101.15	7,707,290.78
2	East Spar Manifold Tie-in Flange (Connection to Z-Spool Flange)	0.02	Zone 50	290,117.00	7,707,292.00
3	14” East Spar Pipeline Flange (Connection to Z-Spool Flange)	0.05	Zone 50	290,128.92	7,707,316.25
4	Intersection Point (IP) 1	23.0	Zone 50	312,897.64	7,710,670.05
5	IP 2	26.2	Zone 50	315,961.70	7,711,378.97
6	IP 3	30.7	Zone 50	320,430.55	7,712,179.87
7 (end)	Boundary of WA-5-PL and TPL-12	40.6	Zone 50	330,034.86	7,714,304.73

and replacing with:

“The route of the pipeline shall be as described in the table below, from and including the boundary of Pipeline Licence WA-21-PL and WA-5-PL at the tie-in flange at or about 7,707,290.78mN, 290,101.15mE to the pipeline licence boundary of TPL-12 at or about 7,714,304.73mN, 330,034.86mE along a line no point of which shall be more than 125 metres from the proposed pipeline route as shown in the drawing attached to the Licence as Annexure ‘A’. The coordinates given above are relative to UTM zone 50, with Central Meridian 117 deg E based on Geodetic Datum of Australia (GDA94).

Feature ID	Feature Name	UTM Zone	Easting (mE)	Northing (mN)
1	Boundary of WA-21-PL and WA-5-PL (start point)	Zone 50	290,101.15	7,707,290.78

2	East Spar Tie-in Flange (Connection to Z-Spool Flange)	Zone 50	290,117.00	7,707,292.00
3	14" East Spar Pipeline Flange (Connection to Z-Spool Flange)	Zone 50	290,128.92	7,707,316.25
4	Intersection Point (IP) 1	Zone 50	312,897.64	7,710,670.05
5	IP 2	Zone 50	315,961.70	7,711,378.97
6	IP 3	Zone 50	320,430.55	7,712,179.87
7	Boundary of WA-5-PL and TPL-12 (end point)	Zone 50	330,034.86	7,714,304.73

2. The Second Schedule of Part 1 Specifications of the Licence is varied by:

a) Deleting from Section (A) Design subsection (n) the words:

“67 (manifold), 66 (subsea pipeline)”

And replacing with:

“66”

b) Deleting from Section (A) Design subsection (p) the words:

*“Substance to be conveyed: Corrosion inhibited 3-phase wellstream
Maximum CO2 content (%Vol): 2.0 Mole %
Maximum water content (mg/m3): 7,000
Maximum hydrogen sulphide (mg/m3): 2
Maximum sulphur (mg/m3): 2”*

And replacing with:

“Substance to be conveyed: Corrosion inhibited 3-phase wellstream”.

c) Deleting from Section (A) Design subsection (w) the words:

“25m adjacent to the manifold”

And replacing with:

“25m adjacent to East Spar Tie-in Spool

d) Deleting from Section (A) Design subsection (y) the words:

*“Subsea:
Pipeline licence includes East Spar Manifold. All manifold piping and valves manufactured from corrosion resistant alloy (duplex) suitable for the produced fluids.
Manifold piping sized to match the pipeline and designed in accordance with API 6A.
Piping and valves are interconnected by means of flanges or hubs/clamps.
Support structure designed in accordance with API RP 2A. Free standing and supported by mudmats.
Last-Off Valve Replacement Spool (Replacing Valve LOV-2010)
14" Linepipe (355.6 mm OD, 1276mm Length, 15.9 mm WT)
Material: API-5LX-65 Test Pressure 38MPa”*

And replacing with:

“Subsea: Not Applicable”

- e) Deleting from Section (A) Design subsection (z) the words:

*“East Spar Manifold/
Pipeline Tie-in Spool*

*14” Line pipe (355.6 mm OD, 37.2m
Length, 15.9 mm WT)
Material: API-5L-X65
Test Pressure: 25MPa”*

And replacing with:

*“Pipeline Tie- in
Spool(s)*

*Pipeline Tie-in Spool
14” Line pipe (355.6 mm OD, 37.2m
Length, 15.9 mm WT)
Material: API- 5L-X65
Test Pressure: 25MPa*

*East Spar Tie-in Spool
14” Line pipe (355.6 mm OD, 15m
Length, 19.7 mm WT)
Material: API- 5L-X65
Test Pressure: 25MPa”*

- f) Deleting from Section (A) Design subsection (aa) the words:

“No permanent facilities installed”

And replacing with:

*“ES PLET installed in WA-21-PL with diverless connector to allow for diverless pig
launching.”*

3. The WA-5-PL Pipeline Route Map at ‘Annexure A’ of the Licence is deleted and replaced with the map at Annexure A of this instrument.

The variation takes effect on the day on which a notice of the variation is published in the Commonwealth Government Gazette.

Made under the *Offshore Petroleum and Greenhouse Gas Storage Act 2006*
of the Commonwealth of Australia.

JOANNE JENNIFER BELL
DELEGATE OF THE TITLES ADMINISTRATOR
ON BEHALF OF THE COMMONWEALTH–WESTERN AUSTRALIA
OFFSHORE PETROLEUM JOINT AUTHORITY

