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WESTERN AUSTRALIA
MINISTER FOR THE ENVIRONMENT

**STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED (PURSUANT
TO THE PROVISIONS OF THE ENVIRONMENTAL PROTECTION ACT
1986)**

ROLLER OILFIELD DEVELOPMENT, OFFSHORE ONSLOW (419)

WEST AUSTRALIAN PETROLEUM PTY LTD

This proposal may be implemented subject to the following conditions:

1. In implementing the proposal, the proponent shall fulfil the commitments (which are not inconsistent with the conditions or procedures contained in this statement) made in the Consultative Environmental Review for all developmental, constructional and operational activities proposed as part of the programme specified in the Consultative Environmental Review. (A copy of the commitments is attached).
2. Subject to these conditions, the manner of detailed implementation of the proposal shall conform in substance with that set out in any designs, specifications, plans or other technical material submitted by the proponent to the Environmental Protection Authority with the proposal. Where, in the course of that detailed implementation, the proponent seeks to change those designs, specifications, plans or other technical material in any way that the Minister for the Environment determines on the advice of the Environmental Protection Authority, is not substantial, those changes may be effected.
3. The proponent shall refer any proposal for marine blasting to the Environmental Protection Authority.
4. Prior to drilling the first well, the proponent shall implement arrangements to accept responsibility for any adverse environmental impacts which may occur as a consequence of the proposal proceeding, to the satisfaction of the Minister for the Environment after consultation with the Minister for Fisheries and the Minister for Mines.
5. The proponent shall notify the Environmental Protection Authority of any permanent change to the location of oil retrieval equipment.
6. The proponent shall only refuel the drill rig when weather and sea conditions are sufficiently calm to permit containment and recovery of any fuel oil which may be spilt, to the satisfaction of the Environmental Protection Authority on advice of the Department of Mines.
7. Prior to commencement of the first well, the proponent shall successfully trial run the oil spill contingency plan, up to the point of the deployment of resources, to the satisfaction of the Environmental Protection Authority on advice of the State Committee for Combating Marine Oil Pollution.
8. The proponent shall run further oil spill contingency plan trials at least once a year or for each change of rig, whichever is the sooner, for the duration of the programme in the Consultative Environmental Review, to the satisfaction of the Environmental Protection Authority on advice of the Department of Mines.

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9. The proponent shall be responsible for decommissioning all constructed facilities, both onshore and offshore, and rehabilitating the sites and their environs to the satisfaction of the Environmental Protection Authority on advice of the Department of Conservation and Land Management and the Director, Petroleum Division, Department of Mines.
10. At least six months prior to cessation of operations, the proponent shall prepare and subsequently implement a decommissioning and rehabilitation plan, to the satisfaction of the Environmental Protection Authority on advice of the Department of Mines and the Department of Conservation and Land Management.
11. No transfer of ownership, control or management of the project which would give rise to a need for the replacement of the proponent shall take place until the Minister for the Environment has advised the proponent that approval has been given for the nomination of a replacement proponent. Any request for the exercise of that power of the Minister shall be accompanied by a copy of this statement endorsed with an undertaking by the proposed replacement proponent to carry out the project in accordance with the conditions and procedures set out in the statement.
12. If the proponent has not substantially commenced the project within five years of the date of this statement, then the approval to implement the proposal as granted in this statement shall lapse and be void. The Minister for the Environment shall determine any question as to whether the project has been substantially commenced. Any application to extend the period of five years referred to in this condition shall be made before the expiration of that period, to the Minister for the Environment by way of a request for a change in the condition under Section 46 of the Environmental Protection Act. (On expiration of the five year period, further consideration of the proposal can only occur following a new referral to the Environmental Protection Authority).

Bob Pearce, MLA
MINISTER FOR THE ENVIRONMENT

9 DEC 1991

LIST OF COMMITMENTS

West Australian Petroleum Pty. Limited (WAPET) undertakes to abide by all of the commitments made in the Roller Oilfield Development Consultative Environmental Review (CER), and in all cases will fulfill those commitments to the satisfaction of the appropriate statutory authority(s).

The major commitments given by WAPET within the CER are listed in the following section.

ENVIRONMENTAL MONITORING AND EDUCATION

1. Prior to start of construction, the existing Marine Biological Monitoring Programme for the Saladin Field will be expanded to ensure that important marine resources that could be affected by either the development or operation of the Roller field are covered by the monitoring programme, to the satisfaction of the EPA.
2. Before commencement of their duties, each worker or contractor (including workboat and supply vessel crews) will be given an induction including advice on the sensitive nature of the environment in which the drilling rig and oilfield is located.

SAFETY AND OIL SPILL CONTINGENCY

1. Drilling procedure, production operation and maintenance procedure manuals based on WAPET's experience of the Barrow Island and Saladin Fields will be prepared and made available for review by relevant statutory authorities prior to commencement of the relevant operation. These manuals will cover normal and emergency procedures to the satisfaction of EPA on advice from the WA Department of Mines.
2. To improve operational safety, commercial and recreational vessels will not be permitted closer than 500 m to the drilling rig during the construction phase.
3. The drilling rig to be contracted will be capable of withstanding cyclonic wind and wave conditions. Detailed procedures which set out the various levels of responses to cyclones will be contained in the operator's Emergency Procedures Manual.
4. The existing Permit Area TP/3 Oil Spill Contingency Plan (OSCP) will be expanded with insertion of relevant information for the Roller field. WAPET will abide by all procedures detailed in the OSCP, as summarised in Section 6.4.2 of the CER, to the satisfaction of EPA on advice from WA Department of Mines.
5. An oil spill containment boom will be present at the site during drilling. A vessel will be in the vicinity of the drilling rig at all times to deploy the boom and skimmer in the event of an oil spill.
6. During any spill event, WAPET would make available oil spill equipment, vessels, aircraft and personnel to help with containment and clean-up measures.

7. Existing WAPET procedures for cyclone response will be followed to safeguard the wells, rig, offshore structures, vessels and personnel.
8. Where practicable rig refuelling will only take place under favourable metocean conditions.
9. With regard to any oil spill or discharge resulting from the drilling of any well in the Roller Oilfield or production of petroleum there from WAPET makes the following commitments:
 - a) to be fully responsible for the cost of operations conducted by it or any Governmental agency aimed at containing or dispersing or recovering any such petroleum or cleaning-up any areas polluted by such petroleum;
 - b) to promptly pay to any person, company or Government (Federal, State or Local) any damages to which any of those entities is lawfully entitled from WAPET;

to the satisfaction of the Minister for Environment after consultation with the Minister for Fisheries.

DRILLING RIG OPERATIONS

1. Prior to spudding in, the rig operator will conduct surveys and tests in accordance with Department of Mines regulations to ensure stability of the rig and to minimise the risk of abnormal penetration of the seabed during storm conditions.
2. The blowout preventor (BOP) stack will be tested in accordance with Department of Mines regulations after the surface casing has been installed.
3. All casing strings installed below the BOP stack will be pressure tested in accordance with Department of Mines regulations before drilling is resumed.
4. Drilling fluids used will be those approved for offshore use by the Department of Mines.
5. Chrome lignosulphonates will not be used in any drilling fluids.
6. Drill cuttings will be disposed of into the ocean after separation from the drilling fluid through solids control equipment.
7. Drilling fluid residue will be disposed of into the ocean at controlled intervals, under the direction of the drilling superintendent.
8. Oily water collected from the rig floor drains will be ducted to a separation tank where oil is drawn off into drums for shipment to Port Hedland for recycling. Separated water is discharged overboard.
9. Sanitary wastes from the kitchen, showers and laundry will be passed through a sewage treatment plant for comminution and disinfection by chlorination before being discharged overboard. Biodegradable detergents will be used for cleaning functions.

Combustible materials will be burnt on the rig. All non-combustible material including solid food wastes will be returned to the shore base for disposal at an approved land site.

PIPELINES AND OFFSHORE STRUCTURES

1. Surveyors and divers contracted for pipe laying operations will be informed that the discovery of any new shipwreck must be promptly reported to the Marine Department at the Western Australian Museum in accordance with the Marine Archaeology Act 1973.
2. All subsea lines will be stabilised. Pipelines will be trenched where they cross commercial trawling grounds (as identified by members of the Onslow Prawn Trawling Association) lying between Roller A and Ashburton Island. If Option 2 is selected, the various lines between the monopod at Roller D and the modified jack-up rig will run along a piperack bridge.
3. A marine exclusion zone will be required around the monopods and the subsea pipelines (where they cannot be buried). The location and width of the exclusion zones will be determined by consultations between WAPET and the appropriate government authorities.
4. Flowlines transmitting unseparated product (two-phase or three-phase) will be hydrostatically tested, with the test waters disposed of through the production plant at Thevenard Island.
5. Corrosion control of subsurface structures will be by paints, cathodic protection or by a continuous external coating to standards cited by Government codes.

THEVENARD ISLAND FACILITIES

1. No additional temporary accommodation is likely to be needed for the construction and drilling workforce, other than that currently deployed on Thevenard Island for the Cowle and Yammaderry development, and such accommodation will not be installed without first obtaining approval from the Department of Conservation and Land Management (CALM).
2. No additional terminal storage or tanker facilities will be required on Thevenard Island.
3. In the event that the total amount of discharged water at Thevenard Island is likely to exceed the existing total oil and water treatment capacity of the Thevenard Island facility, then additional equipment will be installed to comply with (4) below.
4. The quality of all produced water discharged from the Thevenard Island outfall will comply with Clause 616 of the Specific Requirements as to Offshore Petroleum Exploration and Production 1990 [issued under the provisions of the Petroleum (Submerged Lands) Act 1982].
5. Gas will be flared either offshore beside Roller D (Option 2), or from the ground flare presently located on Thevenard Island.

6. Existing procedures on Thevenard Island for fire control, workforce movements, island flora and fauna protection, custody transfer of produced crude to tankers will be maintained.

OPERATION OF VESSELS AND AIRCRAFT

1. Helicopter pilots will be instructed not to overfly islands.
2. Regular crew transfers between Roller, Thevenard Island and Perth will use existing routes involving helicopter/light aircraft transfers to Barrow Island or other regional airports and chartered commercial flight direct to Perth.
3. All refuelling operations for the supply vessels will be conducted in accordance with strict Port Authority requirements, including continuous visual monitoring and the use of reinforced hoses and fail-safe valves and fittings.
4. It will be a contractual requirement for the various vessels and barges to comply with all State and Commonwealth legislation for the control of pollution and dumping at sea.
5. Masters of barges and supply vessels will be instructed not to allow crew to disturb islands or wreck sites, not to anchor close to coral reefs.

FIELD CLOSURE

1. The wells will be plugged and sealed with concrete and cut off at 4 m below the surfloor, as is presently required by the Department of Mines for the abandonment of dry wells.
2. No subsurface structure will be left protruding from the seabed so as to cause a hazard to navigation or fishing operations.
3. Subsea flow and gas-lift lines will be flooded with seawater and left in situ, unless specific requirements deem their removal in certain areas.