



**PEL 92
Cooper/Eromanga Basin
South Australia**

**Annual Report
Permit Year 4**

5th November 2004 to 4th November 2005

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1 Introduction

Petroleum Exploration Licence No. 92 is situated on the western margin of the Cooper/Eromanga Basin, South Australia. The third year of the licence covers the period 5th November 2004 to 4th November 2005.

This report details the work performed by the Joint Venture during this fourth year of the licence, in accordance with the requirements of Section 33 of the Petroleum Regulations 2002.

2 Permit Summary

The working interests in PEL 92 at the end of this reporting period were:

| | |
|---------------------------------------|------------|
| Beach Petroleum Ltd (Operator) | 75% |
| Cooper Energy NL | 25% |

The agreed work commitments for PEL 92 are summarised as follows:

| Licence Year | Minimum Work Program | Actual Work |
|-----------------------------|---|---|
| Year 1 (5/11/01-4/11/02) | One well; 200km 2D seismic; reprocess 300km of existing seismic | One well; 296 km 2D seismic; 390km reprocess seismic |
| Year 2 (5/11/02-4/11/03) | One well; 100km 2D seismic; reprocess 50km of existing seismic | Two wells ; 36 km 2D seismic; 30km ² 3D seismic;412km reprocess seismic |
| Year 3 (5/11/03-4/11/04) | 50km 2D seismic | Two wells; (25 km ² 3D seismic in PPL 204) |
| Year 4 (5/11/04-4/11/05) | One well; 50km 2D seismic | No wells; 455 km 2D seismic; 390 km reprocessed seismic |
| Year 5 (5/11/05-4/11/06) | One well | |

3 Exploration Activity

3.1 Drilling

No wells were drilled in the permit during the year, due mainly to the flow-on effect of flooding of the Cooper Creek during 2004. The Joint Venture is planning to drill several wells during 2006.

Well Completion Reports for the Christies-2 and -3 wells were submitted in March and April, respectively.

3.2 Seismic Data Acquisition

The Joint Venture acquired a total of 455 km of new seismic during 2005, as part of Beach Petroleum's Mytilus 2D Seismic Survey (see Figure 1). Processing of this seismic was almost complete by the end of the permit year, and will be incorporated into new mapping in the next permit year.

At the end of year 4, the total acquired seismic was 387 km in excess of the agreed work commitment.

3.3 Seismic Data Processing / Reprocessing

A total of 390 km of existing seismic data was re-processed during 2005. This is primarily aimed to compliment the new seismic, particularly in the region west and north-west of Christies Field. The best prospect generated in this area will come under consideration for drilling in 2006.

At the end of year 4, the actual reprocessed seismic exceeded the agreed work commitment by 842 line km.

3.4 Geological, Geophysical & Engineering Studies.

Technical studies during this fourth permit term were directed toward the acquisition and processing of the Mytilus 2D exploration seismic survey. This program had been delayed from the previous year because of restricted access as a result of flow in the Cooper Creek.

An extension to the 2003 Gore-Sorber geochemical experimental survey was conducted in June 2005 over the Christies Field.

Technical work associated with the producing Sellicks and Christies fields is now separately reported.

4 Administration

4.1 Regulatory Compliance

A Compliance Report is attached which details the operator's compliance with the 2000 Petroleum Act, its Regulations, the terms and conditions of the Licence, and the agreed Statements of Environmental Objectives governing field operations undertaken during the permit term.

4.2 Data submissions.

A list of the items submitted during the report period is contained in the table below.

Table 1

**PEL 92
Annual Report
Licence Year 4
5th November 2004 to 4th November 2005**

List of Reports Generated

| <u>Title</u> | Date Submitted to PIRSA |
|---|--------------------------------|
| Christies-2 Well Completion Report | 15-Mar-05 |
| Christies-3 Well Completion Report | 14-Apr-05 |
| Mytilus Seismic 2D Survey Environmental Monitoring Report | 12-Dec-05 |

4.3 Planned Exploration Program for Year 4

The Joint Venture is considering up to four exploration wells for drilling in 2006. The final choice of prospects and locations is subject to farm-out and review, but is likely to include the "Boomer" and "Snowden" prospects in the far northwest and south of the permit respectively. Silver Sands, a prospect 2 km to the south-east of Christies, is scheduled to be drilled as part of the 2006 program.

The acquisition of an additional 120km of 2D seismic data is also budgeted, nominally in areas to the west and north of Christies to further mature prospects/leads resulting from the 2005 seismic program or high-graded as a result of the 2006 drilling.

5 Expenditure statement

A licence expenditure summary for the period 5th November 2004 to 4th November 2005 is presented as Table 2.

Not included in this table are the operating expenditures and royalty payments associated with the Sellicks and Christies production facilities, which will be detailed separately under reports for PPLs 204 and 205.

Table 2

**PEL 92
Annual Report
Licence Year 4
5th November 2004 to 4th November 2005**

Statement of Expenditure

Commercial in Confidence

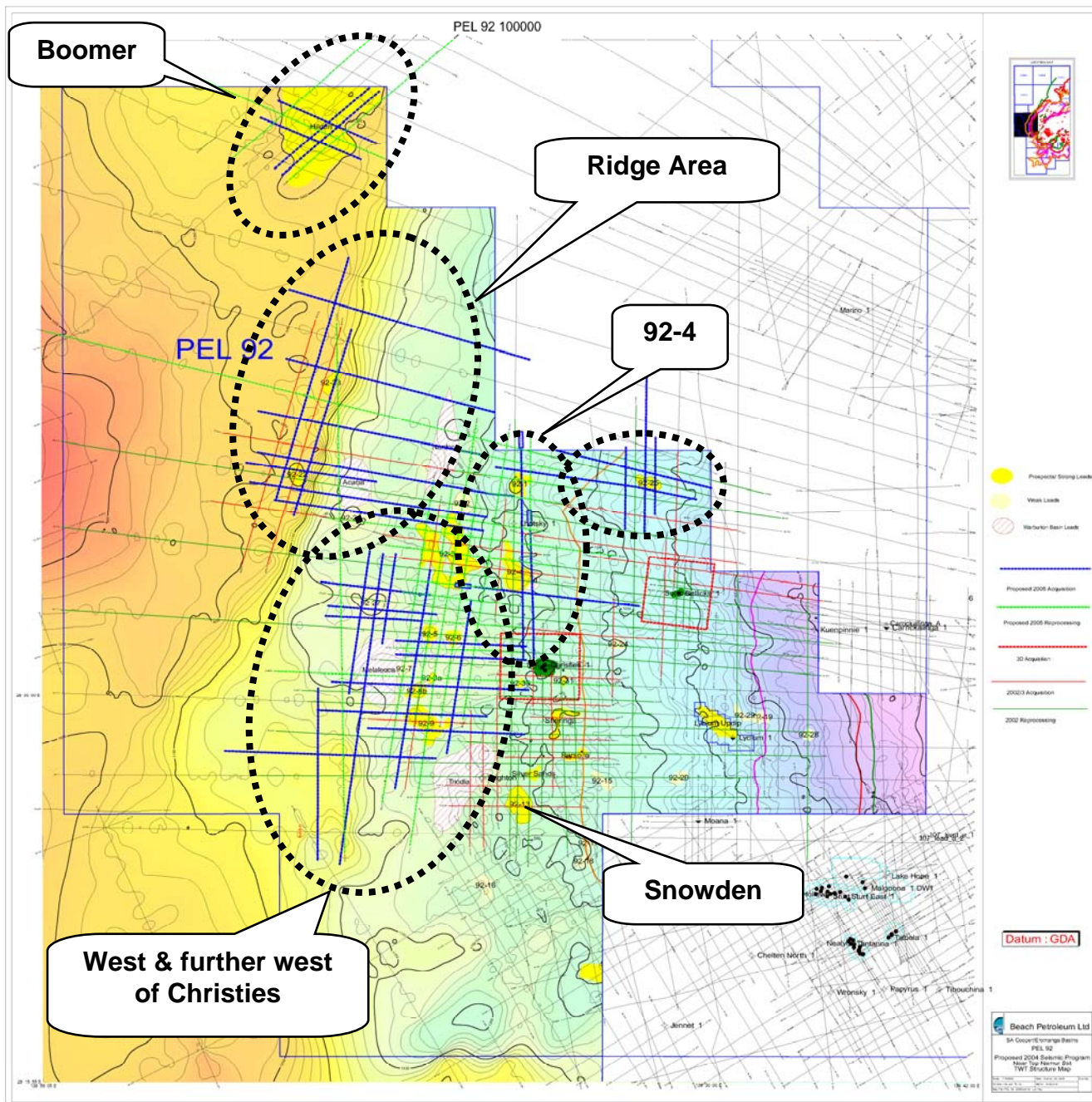


FIGURE 1
PEL 92
Seismic Program Yr 4

ANNUAL
COMPLIANCE
REPORT

FOR

PEL 92 - YEAR 4

(NOVEMBER 2004 - OCTOBER 2005)

COOPER BASIN, SOUTH AUSTRALIA



Introduction

Pursuant to Regulation 33 (2) of the 2000 Petroleum Act, Beach Petroleum, as operator of PEL 92 in the Cooper Basin, South Australia, herewith submits its report on compliance with :

- the Petroleum Act and the PEL 92 Licence conditions (*refer Section 1*),
- the Regulations of the Petroleum Act (*refer Section 2*), and
- the various Statements of Environmental Objectives (SEOs) to which Beach Petroleum was committed in conducting its work programs for Year 4 of the Licence (*refer Section 3*).

A table is attached summarizing any instances during Year 4 of the Licence where Beach Petroleum failed to comply either with the Regulations of the Act, or with the requirements of the relevant SEOs under which its operations were conducted.

Further details of the circumstances surrounding any non-compliances are outlined below.



Summary of Non - Compliance with Regulations

PAGE 1

Permit : PEL 92 Year 4 : 5 November 2004 - 4 November 2005

| | | | | |
|-----------------|--|--|--|--|
| Drilling | | | | |
|-----------------|--|--|--|--|

SEO Non Compliance :

| Field Operation | Date | Description of Incident | Resolution |
|-----------------|------|-------------------------|------------|
|-----------------|------|-------------------------|------------|

No incidents of Non - Compliance

Notification or Report Non Compliance :

| Name of Report | Date Due | Date Submitted | Cause of Overdue Submission | Resolution |
|----------------|----------|----------------|-----------------------------|------------|
|----------------|----------|----------------|-----------------------------|------------|

No incidents of Non - Compliance

Data Submission Non Compliance :

| Data Type | Date Due | Date Submitted | Cause of Overdue Submission | Resolution |
|-----------|----------|----------------|-----------------------------|------------|
|-----------|----------|----------------|-----------------------------|------------|

No incidents of Non - Compliance

| | | | | |
|----------------|--|--|--|--|
| Seismic | | | | |
|----------------|--|--|--|--|

SEO Non Compliance :

| Field Operation | Incident Date & Description | Resolution |
|-----------------|-----------------------------|------------|
|-----------------|-----------------------------|------------|

Report Non Compliance :

| Name of Report | Date Due | Date Submitted | Cause of Overdue Submission | Resolution |
|----------------|----------|----------------|-----------------------------|------------|
|----------------|----------|----------------|-----------------------------|------------|

No incidents of Non - Compliance

Note : PIRSA granted Beach an extension for the submission date for the Final Operations Report from the Sellicks 3D Survey

Data Submission Non Compliance :

| Data Type | Date Due | Date Submitted | Cause of Overdue Submission | Resolution |
|-----------|----------|----------------|-----------------------------|------------|
|-----------|----------|----------------|-----------------------------|------------|

No incidents of Non - Compliance

Note : PIRSA granted Beach an extension for the submission date for the data from the Sellicks 3D Survey

Section 1 :

**Compliance with the Petroleum Act and the
PEL Licence Conditions**

There were no instances during Year 4 of the PEL 92 Licence in which Beach failed to comply with the 2000 Petroleum Act.

The work program for the Licence required the **drilling** of one well in Year 4. Although there was no well drilled during Year 4, the number of wells drilled in PEL 92 up until the end of Year 4 is still in excess of the number of wells required by the combined work commitments for Years 1 to 4.

The Year 4 work program for the Licence called for 50 km of **2D seismic** to be recorded . A 2D seismic program of 455 kilometres was undertaken on the western side of the Cooper Creek. The cumulative total of 2D seismic recorded up until the end of Year 4 is 787 kilometres, well in excess of the cumulative total of committed line kilometers (400).

There was no requirement for any **reprocessing of archive seismic data** in the work program for Year 4, however a processing contractor was engaged to reprocess 390 kilometres of archive data that was acquired within the PEL 92 area during the mid 1980s.

Once this reprocessing contract is complete, the cumulative total of seismic data reprocessed up until the end of Year 4 of the Licence will be 1192 kilometres, which represents a significant surplus over the commitment total of 350 line kilometres.

Section 2 :

Compliance with the Regulations of the 2000 Petroleum Act

A) Drilling

- **Reports for Year 3 wells**

Well Completion Reports for two Year 3 wells, Christies-2 and Christies-3, were submitted during Year 4 of the Licence.

Both Reports were submitted prior to (or on) the due date.

- **Data for Year 4 wells**

No wells were drilled in PEL 92 during Year 4 of the Licence.

B) Seismic

- ***Submission of Reports from the 2003 (Permit Year 2) Christies 3D Seismic Survey :***

The **Christies 3D** seismic survey was recorded in October 2003, during Year 2 of the Licence.

Processed data from this survey was supplied to Beach during Year 3 of the Licence, on 9th June 2004.

The **Interpretation Report** for this survey was submitted to PIRSA during Year 4 of the Licence, on 18th May 2005, prior to the due date of 9th June.

- ***Submission of Data and Reports from the 2004 (Permit Year 3) Sellicks 3D Seismic Survey :***

The **Sellicks 3D** seismic survey was conducted during Year 3 of the Licence, requiring seven days of recording, and finishing on 1st July, 2004.

Processed data from this survey was supplied to Beach during Year 4 of the Licence, on 25th February, 2005.

Compliance Report for PEL 92 – Year 4

PIRSA granted Beach a one-month extension to the deadline for submitting the Operations Report and data for this survey. Both were handed in prior to the revised deadline.

The Interpretation Report for this survey is to be submitted to PIRSA during Year 5 of the Licence, prior to the deadline of 24th February, 2006.

- ***Submission of Data and Reports from the 2005 (Permit Year 4) Mytilus 2D Seismic Survey :***

The Mytilus 2D seismic survey was conducted during Year 4, requiring twenty – two days of recording, and finishing on 29th May, 2005.

The Operations Report and associated data for this survey are due to be submitted in Year 5 of the Licence, within twelve months of the final day of recording (before 29th May, 2006).

CHECKLIST FOR SUBMISSION OF DRILLING REPORTS TO PIRSA

Permit : PEL 92 Year 4 : 5 November 2004 - 4 November 2005

Well Name : **Christies -2** Commenced Drilling Operations : 24th August 2004 Completed Drilling Operations : 15th September 2004

| REPORT / DATA SET | Format | Person / agency to whom information is to be provided. | Period allowed for Submitting data. | Date Due | Date Submitted | Beach officer responsible for compliance | Comments |
|---|------------------|--|--|----------------------------|----------------------------|--|--|
| Daily Drilling Reports | | PIRSA | Within 12 hrs of report period. | During Drilling Operations | During Drilling Operations | Exploration Manager | |
| Wireline logs | | PIRSA | Within 2 months of acquisition of data. | 7-Nov-04 | 6-Oct-04 | Exploration Manager | Logs recorded on 7th September 2004. Transmittal Note : 04_0210 |
| Mud logging data | | PIRSA | Included with Daily Drilling Reports, then subsequently with the Well Completion Report. | During Drilling Operations | During Drilling Operations | Exploration Manager | |
| Well samples | | PIRSA | Within 6 months of rig release. | 14-Mar-05 | 29-Nov-04 | Exploration Manager | |
| Well Completion Reports | Refer Note below | PIRSA | Within 6 months of rig release. | 14-Mar-05 | 15-Mar-05 | Exploration Manager | Refer note below |
| Reportable Incidents. | | PIRSA | Serious incidents must be reported immediately (within 24 hrs), with a written report following within 3 months. | No Reportable Incidents | | Exploration Manager | |
| <i>Note : Well Completion Reports contain Borehole Deviation data ; Surveyed Location of well ; and other technical reports associated with the well.</i> | | | | | | | |

Well Name : **Christies -3** Commenced Drilling Operations : 19th September 2004 Completed Drilling Operations : 14th October 2004

| REPORT / DATA SET | Format | Person / agency to whom information is to be provided. | Period allowed for Submitting data. | Date Due | Date Submitted | Beach officer responsible for compliance | Comments |
|---|--------|--|--|----------------------------|----------------------------|--|---|
| Daily Drilling Reports | | PIRSA | Within 12 hrs of report period. | During Drilling Operations | During Drilling Operations | Exploration Manager | |
| Wireline logs | | PIRSA | Within 2 months of acquisition of data. | 29-Nov-04 | 6-Oct-04 | Exploration Manager | Logs recorded on 29th September 2004. Transmittal Note : 04_0210 |
| Mud logging data | | PIRSA | Included with Daily Drilling Reports, then subsequently with the Well Completion Report. | During Drilling Operations | During Drilling Operations | Exploration Manager | |
| Well samples | | PIRSA | Within 6 months of rig release. | 13-Apr-05 | 17-Nov-04 | Exploration Manager | |
| Well Completion Reports | | PIRSA | Within 6 months of rig release. | 13-Apr-05 | 4-Apr-05 | Exploration Manager | Refer note below |
| Reportable Incidents. | | PIRSA | Serious incidents must be reported immediately (within 24 hrs), with a written report following within 3 months. | No Reportable Incidents | | Exploration Manager | |
| <i>Note : Well Completion Reports contain Borehole Deviation data ; Surveyed Location of well ; and other technical reports associated with the well.</i> | | | | | | | |

CHECKLIST FOR SUBMITTING GEOPHYSICAL DATA AND REPORTS TO PIRSA

Permit : PEL 92 Year 4 : 5 November 2004 - 4 November 2005

PAGE 1

| Geophysical Data | Specifics | Format | Transmittal | Sent to | Time Period | Due Date | Date Sent | Comments |
|---|--|---------------|-------------|---|--|--|-----------|--|
| Survey Name : 2004 Sellicks 3D Seismic Survey (25 sq. kms) | | | | | Completed Recording 1st July 2004 | | | |
| Geophysical Progress Reports | | Word or PDF | | email or fax : cockshell.david@saugov.sa.gov.au | Periodic basis determined after consultation with Minister | | | |
| Geophysical Operations Reports - recording and processing | | Hardcopy, PDF | 05_0299 | | Within 12 months of completion of recording data | 1-Aug-05 | 20-Jul-05 | Data and Reports were originally due on 1st July . PIRSA granted Beach a one-month extension to the due date for submitting the data and reports for the Sellicks 3D survey. |
| Geophysical Data - Seismic | Seismic Field Data | | 05_0292 | | Same time as associated Operations Reports | 1-Aug-05 | 14-Jul-05 | |
| Geophysical Data - Seismic | Obs Logs | | 05_0292 | CD-ROM | | 1-Aug-05 | 14-Jul-05 | |
| Geophysical Data - Seismic | Nav data including elevations & bathymetry | GDA 94 | 05_0292 | CD-ROM | | 1-Aug-05 | 14-Jul-05 | |
| Geophysical Data - Seismic | Field statics | | 05_0292 | CD-ROM | | 1-Aug-05 | 14-Jul-05 | |
| Geophysical Data - Seismic | Processed 3D data volumes and velocities | | 05_0299 | | | 1-Aug-05 | 20-Jul-05 | |
| Geophysical Data - Seismic | Processed 3D time slices (if available) | | | | | 1-Aug-05 | N / A | |
| Geophysical Data | Any other field acquisition data!!!! | | | | | 1-Aug-05 | | |
| Geophysical Interpretation Report | | Hardcopy, PDF | | | | Within 12 months of completion of processing of data | 25-Feb-06 | |

Survey Name : 2005 Mytilus 2D Seismic Survey (455 kms)

Completed Recording 29th May 2005

| | | | | | | | | |
|--|--|---------------|--|---|--|--|------------------|--|
| Geophysical Progress Reports | | Word or PDF | | email or fax : cockshell.david@saugov.sa.gov.au | Periodic basis determined after consultation with Minister | | | |
| Geophysical Operations Reports - recording and processing | | Hardcopy, PDF | | | Within 12 months of completion of recording data | 29-May-06 | | NOT REQUIRED UNTIL YEAR 5 OF THE LICENCE |
| Geophysical Data - Seismic | Seismic Field Data | | | | Same time as associated Operations Reports | 29-May-06 | | |
| Geophysical Data - Seismic | Obs Logs | | | CD-ROM | | 29-May-06 | | |
| Geophysical Data - Seismic | Nav data including elevations & bathymetry | GDA 94 | | CD-ROM | | 29-May-06 | | |
| Geophysical Data - Seismic | Field statics | | | CD-ROM | | 29-May-06 | | |
| Geophysical Data - Seismic | Processed 3D data volumes and velocities | | | | | 29-May-06 | | |
| Geophysical Data - Seismic | Processed 3D time slices (if available) | | | | | 29-May-06 | | |
| Geophysical Data | Any other field acquisition data!!!! | | | | | 29-May-06 | | |
| Geophysical Interpretation Report | | Hardcopy, PDF | | | | Within 12 months of completion of processing of data | TO BE DETERMINED | |

CHECKLIST FOR SUBMITTING GEOPHYSICAL DATA AND REPORTS TO PIRSA

Permit : PEL 92 Year 4 : 5 November 2004 - 4 November 2005

PAGE 2

| Geophysical Data | Specifics | Format | Transmittal | Sent to | Time Period | Due Date | Date Sent | Comments |
|---|---|---------------|---|---------|--|--|--|--|
| <i>Year 4 Reprocessing : 390 kms</i> | | | | | | | | |
| Geophysical Operations Reports - reprocessing | | Hardcopy, PDF | Re-processed data was delivered to Beach on 1st Feb 2005. | | Within 2 months of completion of reprocessing data | TO BE SUBMITTED IN YEAR 5 OF THE LICENCE | TO BE SUBMITTED IN YEAR 5 OF THE LICENCE | Original data was sent to contractor for reprocessing in October. Should be available 2nd quarter of 2006. |
| Geophysical Interpretation Reports | | Hardcopy, PDF | | | Within 6 months of completion of reprocessing data | | | |
| Geophysical Data - Seismic | Reprocessing - transcribed copy of field data | | | | Same time as associated Operations Reports | | | |
| Geophysical Data - Seismic | Reprocessing - field tape transcription log | | | | | | | |
| Geophysical Data - Seismic | Reprocessing - tape & file listing of field data that has been copied & reprocessed | | | | | | | |

Section 3.

Compliance with the relevant Statements of Environmental Objectives

A) Drilling Operations

There were no drilling operations on PEL 92 during Year 4 of the Licence.

B) Seismic Operations

In May 2005, 455 kilometres of 2D seismic survey were recorded in PEL 92 as part of the Mytilus survey.

Government approval for Beach to undertake these operations was conditional on Beach committing to the objectives defined in the “Statement of Environmental Objectives for Seismic Operations in the Cooper / Eromanga Basins – South Australia”.

Beach’s strategies for achieving each of the SEO objectives during the twenty-two days of recording the PEL 92 portion of the Mytilus survey are outlined below.

| | |
|--------------------------|--|
| SEO Objective 1 : | Ensure that the potential impacts of the proposed seismic operations on biological diversity and cultural requirements of the environment are assessed within a planning process and incorporated into field management procedures. |
|--------------------------|--|

Goal 1.1 : *Identify important or sensitive environmental and cultural components.*

Beach has an Agreement with the Ngayana Dieri Karna (NDK) Claimant Group, whose Claim Area covers PEL 92. Prior to the commencement of line preparation, a Work Area Clearance was undertaken by representatives of the NDK under the terms of the Agreement. The scouting party inspected a representative sample of the proposed lines.

A report was prepared by the accompanying anthropologist, documenting the locations where deviations would be required to the proposed seismic lines to avoid sites of cultural significance. The report further documented general guidelines to assist the line preparation crew on appropriate deviation procedures in the event that further sites of cultural significance were identified along proposed survey lines that had not been inspected by the scouting team.

All field crews associated with the seismic program attended an induction on cultural heritage issues for this area, with particular emphasis on identification and avoidance of significant cultural material.

Goal 1.2 : *Identify threatening processes and activities*

No processes or activities associated with the survey operations were considered to be threatening to the subject environment. A 2D seismic survey was undertaken in an adjacent area during Year 2 of the Licence, with no long term environmental impacts evident.

Goal 1.3 : *Assess any adverse impact on biological diversity likely to arise from the proposed operation on a regional basis.*

The area covered by PEL 92 comprises of predominantly two land systems : dunefield and floodplain, with occasional gibber plains. GAS criteria for assessing adverse impacts on the biodiversity for these land systems are provided in the Statement of Environmental Objectives (Tables A2.2. and A2.3).

The impacts of the Mytilus 2D Seismic Survey have been audited against these criteria and the results are presented in the attached tables.

Goal 1.4 : *Ensure that issues raised in the planning process are incorporated into field management procedures.*

A Field Operations Manual was prepared for the Mytilus survey which documented appropriate practices and procedures for environmental management and protection of cultural heritage.

All personnel involved in the field operations were briefed on these procedures at the commencement of the survey operations.

A company representative was present with the line clearing and recording crews throughout the field operations to ensure adherence to the planned field management procedures.

| | |
|--------------------------|--|
| SEO Objective 2 : | Monitor and manage those activities that have, or are likely to have, temporary impacts on biological diversity, cultural components of the environment, groundwater, or other land users, and facilitate rehabilitation so as to minimize such impacts if they occur. |
|--------------------------|--|

As defined in the SEO, the goals of this objective are to minimize :

- clearing of native vegetation,
- disturbance to native fauna,
- impacts on soil, surface drainage , visual ambience and other land users,
- the potential for third parties to use survey tracks and sites following completion of operations.

Two sets of GAS criteria are defined in the SEO for assessing the extent of these impacts. One set of criteria relates to assessment carried out at the **completion of the field operations**. The second set relates to assessment carried out when the lines **have been left to rehabilitate** for some period.

At the completion of the Mytilus 2D survey, an assessment of the environmental impacts was undertaken against the first set of GAS criteria, using 50 observation points along the survey lines.

The results of this GAS audit are presented in the attached tables, and an Environmental Report for the Mytilus Survey has been submitted to PIRSA

The scores for the GAS audit are all in the 0 to +2 range, with two exceptions. At one observation point situated in a floodplain environment, some large trees had been pushed over, and hence a GAS score of -2 was given for “*impact on vegetation*” for that point. The other negative score was given for “disturbance to dune-field land surface” at an observation point where there was evidence of survey vehicles having deviated away from the specified access route.

As part of the environmental assessment, three locations in the PEL 92 portion of the Mytilus survey were selected as Environmental Monitoring Points (EMPs) for on going monitoring. Two of these EMPs, EMP- 01 and EMP-04 are located in floodplain environments, while EMP-02 is located on an inter-dunal gibber plain.

| | |
|--------------------------|---|
| SEO Objective 3 : | Avoid undertaking any activities which have, or are likely to have, long-term significant adverse impact(s) on biological diversity, cultural components of the environment, groundwater, or other land uses |
|--------------------------|---|

The seismic recording activities undertaken in the Mytilus 2D survey were similar to many previous seismic surveys undertaken in these dune field and floodplain type environments of the Cooper Basin.

The GAS auditing for this survey showed that line preparation was carried out according to best practice techniques of minimal blading and minimal clearing of vegetation. Previous experience in this area has shown that, by adhering to these line preparation techniques, the combination of wind action and occasional rainfall will revegetate the lines to the point where they will be indiscernible within a few years. There was no indication of any likely long-term adverse impacts.

The technique of weaving the routes of the seismic lines had also been practiced extensively, allowing significant tress to be left standing, which will minimize the visual impact from these operations during the natural rehabilitation process.

The access tracks for the survey lines required numerous crossings of the Cooper Creek. At these crossings, the access tracks were prepared in such a way as to ensure they would cause no deviation of the natural flow of the Cooper Creek in subsequent floods.

Fig # 3: GAS Audit of the 2005 Beach Petroleum Mytilus Seismic Survey



GAS scores for assessing seismic lines on completion of survey in the Cooper Basin, South Australia

Beach Petroleum Limited.: 2005 PEL 91 & 92 Mytilus 2D Seismic Survey: Recorded May 8th – June 7th, 2005: Audited by: Bruce Beer

| LAND SYSTEM (Locations) | MEASURE (Associated goals) ^(a) | SCORE | | | | |
|--|---|----------------------|----------------------|---------------------|----|-------------------|
| | | +2 ^(b, c) | +1 ^(b, c) | 0 ^(b, c) | -1 | -2 ^(d) |
| Non land system specific EMP Locations a) EMP-1, BC05-23/BC05-30 b) EMP-2, BC05-17 stn# 342 c) EMP-3, BC05-46 stn# 556+32m d) EMP-4, BC05-27 stn# 536+34m Note: GAS scores refer to the area 500m either side of the EMP location | <i>Impact on infrastructure</i> 2.6 | | | • N/A | • | • |
| | <i>Visual impact</i> 2.5, 2.7 | • | • | a), b), c), d) | • | • |
| | <i>Uphole site restoration</i> 2.3, 2.5 ^(e) | • | • | a) | • | • |
| | <i>Pollution or litter</i> 2.1, 2.2, 2.3, 2.5 | b), c), d) | • | a) | • | • |
| Dunefield | <i>Impact on vegetation</i> 2.1, 2.2 ^(f) | • | | | • | • |
| | <i>Disturbance to land surface</i> 2.2, 2.3 ^(e) | • | | | • | • |

(.../cont.)

(Table A2.2 cont.)

| LAND SYSTEM | MEASURE (Associated goals) ^(a) | SCORE | | | | |
|----------------------------|--|----------------------|----------------------|---------------------|------|-------------------|
| | | +2 ^(b, c) | +1 ^(b, c) | 0 ^(b, c) | -1 | -2 ^(d) |
| Floodplain and wetlands | Impact on vegetation 2.1, 2.2 ^(f) | • | | a), c), d) | • | • |
| | Disturbance to land surface 2.2, 2.3, 2.4, 2.5 ^(e) | • | a), c), d) | | • | • |
| Gibber plain and tableland | Impact on vegetation 2.1, 2.2 | • | • | • b) | • | • |
| | Disturbance to land surface 2.2, 2.3, 2.5 ^(e) | • | • | • | • b) | • |
| Salt lake | Disturbance to land surface 2.3, 2.5 ^(e) | • | • | • | • | • |

(a) Goals under Objective 2:

- 2.1 Clearing or other impacts on native vegetation are minimised.
- 2.2 Disturbance or other impacts on native fauna and their habitats are minimised.
- 2.3 Impact on soil is minimised.
- 2.4 Impact on surface drainage is minimised
- 2.5 Visual impact of operations (including litter) is minimised.
- 2.6 Impact on other land users is minimised.
- 2.7 Third party use of sites, following the completion of operations, is discouraged.

- (b) If any criterion (dot point) within a -1 or -2 cell occurs, then a score of -1 or -2 will be allocated.
- (c) For 0, +1 and +2 cells, all relevant criteria (dot point) within the cell must be satisfied to score at that level.
- (d) Some criteria at -2 level may also be subject to defined conditions, but are included in this table to ensure that they are clearly identified.
- (e) All vertical measurements to be measured from normal ground surface.
- (f) Priority classification refers to Wiltshire and Schmidt (1977).

- (g) 'Windrows' in this context means mounding of gibbers through the action of wheel trafficking and associated dispersal of gibbers away from wheel tracks.