



LAKES OIL N.L
WOMBAT 3D
ONSHORE GIPPSLAND BASIN
2008 SEISMIC SURVEY



OPERATIONS REPORT
JANUARY - 2008

BY

T.R. ERNST

OF

CREW # 401

**TERREX SEISMIC
UNIT # 2 / 37 HOWSON WAY
BIBRA LAKE
WESTERN AUSTRALIA, 6163**

TABLE OF CONTENTS

	<u>PAGE</u>
1. INTRODUCTION	
1.1 Geographical Area	4
1.2 Weather	5
1.3 Logistics	5
2. SURVEY	
2.1 Ranging / Chaining / Surveying	6
2.2 Line Clearing & Fencing	6
2.3 Permitting	6
3. RECORDING / PROCESSING	
3.1 Recording Parameters	7
3.2 Lakes Oil Wombat 3D Map.....	8
3.3 Recording	9
3.4 Processing.....	10
4. APPENDICES	
(A) Equipment Specifications	See Marker
(B) Vehicle Equipment List.....	See Marker
(C) Tape Listing	See Marker
(D) HSE Policy & OH&S Standards	See Marker
(E) End of Contract HSE Summary.....	See Marker
(F) Personnel	See Marker
(G) Daily Reports	See Marker
(H) Recording Statistics.....	See Marker

1. INTRODUCTION

Terrex Seismic was contracted by Lakes Oil N.L to conduct the Wombat 3D Seismic Survey. Acquisition commenced on Saturday the 12th January and was completed on Sunday the 20th January 2008.

1.1 GEOGRAPHICAL AREA

The Wombat 3D prospect is located in the Gippsland Basin, approximately 35 km South-East of the township of Sale in Victoria.

The surrounding area of the Wombat 3D prospect consisted mainly of open flat sandy terrain, farmland paddocks, forest areas, and along local roads.

All 3D lines had either vegetation slashed or were cleared which were then surveyed at 40m group intervals.

Main roads, farm tracks and seismic lines were used for access to and from the field.



Source Line running through irrigated farm Paddock (Pivot)

1.2 WEATHER

The weather remained predominantly fine for the duration of the program with no down time recorded due to weather conditions. The final two days however did produce some rain making conditions wet and boggy for final spread pick up.

1.3 LOGISTICS

All equipment and vehicles were mobilised from the Toowoomba yard by Terrex personnel. Vehicle washdowns were required prior to the commencement of the Wombat 3D survey and were carried out in Toowoomba.

Access to and from the field was via local roads. All 3D seismic lines were also used for access to and from the field and while in production.

All approved access roads and tracks were indicated on the maps supplied by Dynamic Satellite Surveys from Yepoon, QLD.

Traffic Control was required for the 3D survey and was utilised for approx 90% of the program.

Line Clearing & Fencing of all lines was carried out by Lakes Oil sub-contractor personnel.

The crew stayed at one location for the duration of the program being the Hacienda Motel in Sale, Victoria. The crew's lunches and breakfast were all supplied by the Hacienda Motel with the crew eating dinner at the Star Hotel in Sale.

All supplies including freight were transported via AAE, Australia Post and TNT.

Fuel for all vehicles was supplied by the Shell Service Station on the main Princess Highway in Sale, Victoria.

An induction was held by the Client, Permit Man & Client Representative at the Toolbox Meeting before commencement of the Wombat 3D.

The vibrators were floated from Toowoomba to site by Mr. Darren Englebrecht of Goondiwindi in Queensland.

All other logistics were supported out of Terrex Seismic Perth Office.

2. SURVEY

2.1 RANGING / CHAINING / SURVEYING

Line Chaining, Survey and Maps for the entire program were supplied by Dynamic Satellite Survey's personnel from Yepoon, QLD.

2.2 LINE CLEARING & FENCING

All line clearing and fencing was completed by Lakes Oil sub-contractor personnel.

2.3 PERMITTING & CLIENT RERESENTATIVE

Permitting was carried out by Mr.A.Brett for Lakes Oil.

Client Representative duties were carried out by Mr.S.Coniglio for Lakes Oil.

Both were on site throughout the entire survey.



Vibrators setting up

3. RECORDING / PROCESSING

3.1 RECORDING PARAMETERS

General Survey Details

- Survey: Wombat 3D.
- PRL2, Onshore Gippsland Basin, Victoria.

Instrumentation

Instruments : Sercel 428XL 24 bit Telemetry System.
No. Channels : 10 Lines x 96 channels / Line = 960 Live
Tape Format : 2 x LTO High Density

Filters : 0.8 Nyquist - Lin Phase

Sample Rate : 2 ms
Record Length : 6 sec

RTC : Yes
Correlation Type : Before Stack

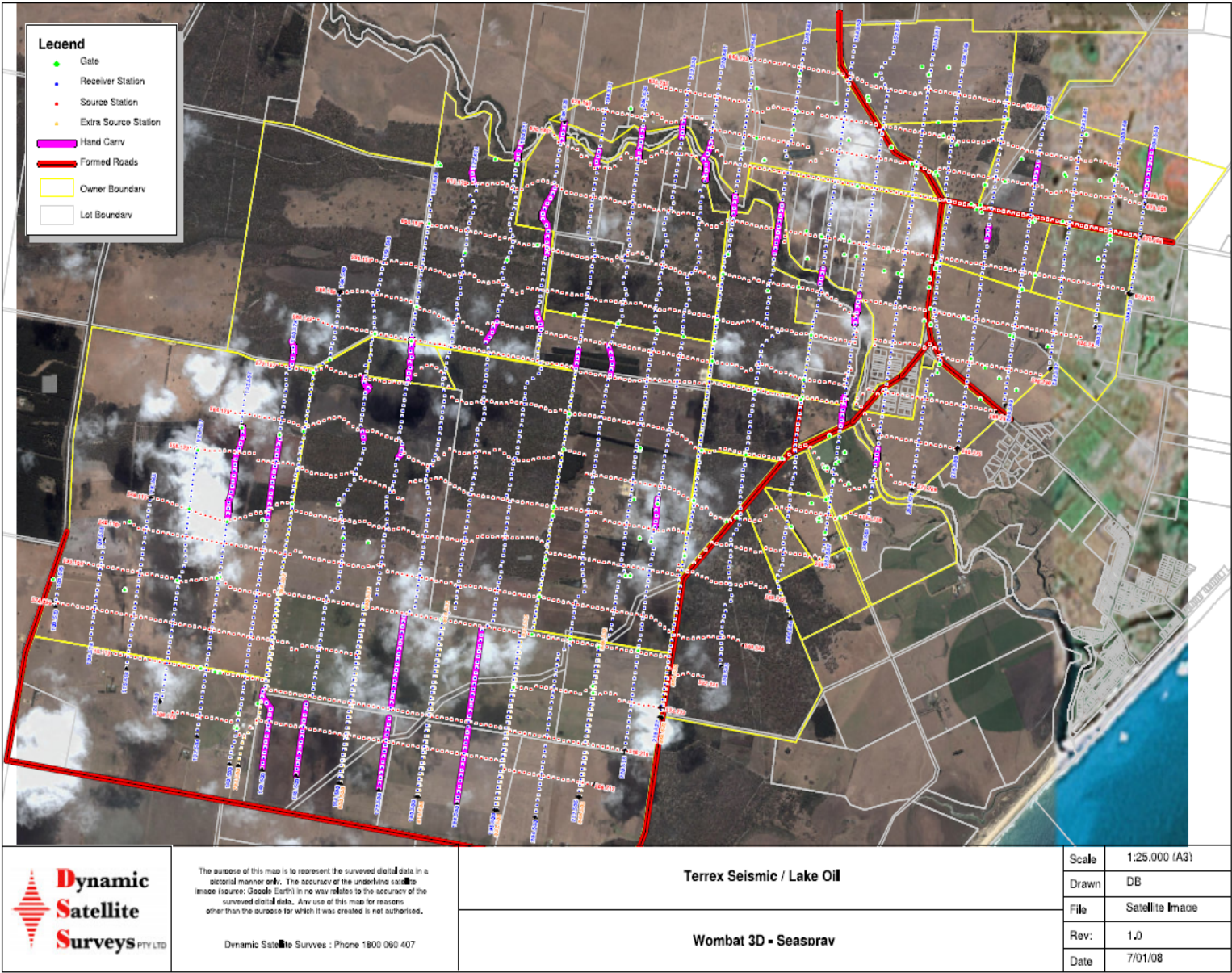
Source Data

Vibrators : 4 x Input-Output Hemi 50's 50000lb
Electronics : 4 x Pelton Vibpro - Vibrator Control Electronics
Electronics : 1 x Pelton Vibpro – Encoder Sweep Generator (Recorder)
Sweep Type : Vari sweep
Sweep Frequency : 5-100, 5-60 Hz
Sweep Length : 8 sec
No. Sweeps : 2 standing
VP Interval : 40m
Vibrator Array : 3 vibs in line, 12.0m pad to pad centered on station
Sweep Taper : 0.3 start & end taper

Receivers

Receiver Group Interval : 40m
Spread : 10 lines x 96 channels / line = 960 Live.
Geophones : Sensor SM4 10 Hz. Hi Spec super phones. (12 per string)
Array : 12 phones in-line, over 22m, 2.0m spacing, centered.

3.2 LAKES OIL N.L – WOMBAT 3D MAP



3.3 RECORDING

Terrex Seismic was contracted by Lakes Oil N.L to conduct the Wombat 3D Seismic Survey. Acquisition commenced on Saturday the 12th January and was completed on Sunday the 20th January 2008. A total of 89.320 linear km (28.582 sq.km) was to be recorded.

Initial geophone leakage testing was required by the Client before startup and continued rotation of geophones was maintained throughout the survey. Traffic Control was required for the 3D survey and was used for approx 90% of the program. Hardwire, Pointsource and Experimental testing were all conducted before any production VP's were taken.

Four x Input-Output Hemi 50's 50000lb International Paystar vibrators were used to complete the survey, with three operating on line and one spare on standby.

Due to the small size of the Wombat 3D grid the crew was able to record it as a single panel; acquisition commenced on Saturday the 12th on Swath # 1, Source Line # 612 at Station # 305. There were some problems with the new Sercel 428 on start of production with 15.29 hours of down time recorded attributed mainly to the setup of the new Hemi 50 vibes and some problems with the new 428 recorder. The IVI and Sercel technicians resolved all problems and acquisition was completed on Swath # 24, Source Line # 564 at Station # 139 on the 20th January 2008. The Wombat 3D survey was completed in nine days on Sunday the 20th January 2008; this did not include mobilisation, initial start up, spread layout or pickup.

Throughout the program production rates were good with a best day of 17.080 linear km on Thursday the 17th January. Using 40m group intervals for both receiver and source lines, an average of 248 VP's and 9.920 linear km per day was acquired. This included skipped VP's, standby time and downtime due to delays.

After completion of recording on the Wombat 3D survey, the crew picked up all remaining equipment and packed all trucks ready for demobilisation.

All four vibrators were washed down and floated to the next prospect in Penola, South Australia on the 21st January.

On the morning of the 22nd January 2008, the crew demobilised from the Wombat 3D in Sale, Victoria. This represented the completion of the Lakes Oil N.L – Wombat 3D seismic survey.

3.4 PROCESSING

All final data shipments were sent to the below locations.

“A” tape for the Wombat 3D was sent to Velseis Processing – in Brisbane, QLD.

“B” tape for the Wombat 3D was given on site to the Client for Lakes Oil.



New IVI Hemi 50 Vibrators

APPENDIX A

EQUIPMENT SPECIFICATIONS



New Sercel 428XL Recording Equipment

RECORDING EQUIPMENT

SERCEL 428XL - 24 Bit 3D Seismic Data Acquisition System

- Four (4) 19 inch Flat screens with Sun Blade Computer
- Veritas V12 Plotter, UPS, LIM, APM
- Two (2) LTO High Density Tape Drives
- Five Hundred & Fifty (550) Seismic Cables with Four (4) x FDU's per cable separated by 55m takeouts (2200 Channels)
- Ninety Eight (98) Transverse Cable
- Fourty Eight (48) LAUL Units (Line Power Units)
- Fifteen (15) LAUX Units (Line Crossing Units)
- Six (6) Nevaboost Line Battery Charging units
- Seventy (70) Line Batteries
- Pelton Real Time VibPro VibSig Similarity System
- One (1) 10 metre 6 DB Boost High Gain Antenna on Recording Truck

- Sensor SM24 10Hz High Specification Geophones
- Two Thousand two Hundred (2200) Geophone strings with 12 ph/group
- One (1) Sensor SMT200 Geophone Tester

SOURCE EQUIPMENT

- Four (4) Hemi 50 6x6 International Paystar Vibrators
- Peak force is 50200 lbs per Vibe and
- Hold-Down weight is 50000 lbs per Vibe

- Four (4) Pelton VibPro Vibrator Control Electronics
- One (1) Pelton VibPro Encoder Sweep Generator for Recorder
- Three (3) operating Online and One (1) on Standby
- Electronics are capable of Trade Marked Varisweep.



Receiver line through timbered area

APPENDIX B

VEHICLE EQUIPMENT LIST

VEHICLE	REGISTRATION
Landcruiser - Wagon	1BWF-930
Landcruiser - Wagon	1BYK-183
Landcruiser - Wagon	1CCL-562
Landcruiser - Trayback	302-JCO
Landcruiser - Trayback	1CET-468
Landcruiser - Trayback	1BSJ-242
Landcruiser - Trayback	1BRJ-753
Landcruiser - Trayback	1BHD-550
Landcruiser - Trayback	1BEK-496
Landcruiser - Trayback	013-IZQ
Landcruiser - Trayback	311-IJX
Landcruiser - Trayback	367-KKZ
Landcruiser - Trayback	1BGO-007
Landcruiser - Wagon	095-IIU
Landcruiser - Wagon	366-KKZ
Nissan - Turbo Diesel Trayback	176-JNA
Nissan - Turbo Diesel Trayback	175-JNA
Nissan - Turbo Diesel Trayback	XMJ-224
Hino - 4x4 Service Truck	1ALU-225
Isuzu – 4x4 Recorder Truck	757-KPR
Isuzu - Mechanics Truck	1CCC-561
International Paystar - Spread Truck	626-JAH
Isuzu – 4x4 Cable Repair	1CAA-534
Isuzu – Crane Truck	9DL-970
Iveco – Semi Trailer – Spread Truck	545-FHI
Paystar - Hemi 50 - Vibrator	720-KPR
Paystar - Hemi 50 - Vibrator	721-KPR
Paystar - Hemi 50 - Vibrator	722-KPR
Paystar - Hemi 50 - Vibrator	723-KPR

APPENDIX C

TAPE LISTING

LAKES OIL - WOMBAT 3D								
Tape #	#ID	Line	First FFID	Last FFID	First VP	Last VP	Date Recorded	Comments
1A	1	Wombat 3D	62	2365	305/612	564/139	12th to 20th Jan	A Tape includes Pointsource, Hardwire, Experimental Tests + production.

Also Includes: Obs Logs, XPS, Tests, Tape Transmittal on CD-R. Survey Data on separate CD-R.

APPENDIX D

HSE POLICY and OCCUPATIONAL HEALTH & SAFETY STANDARDS

- Site specific inductions / daily toolbox meetings / weekly safety meetings
 - Weekly Section head meetings
 - Personal protective equipment
 - Traffic Management Safety as required
 - VHF / UHF / HF communications
 - Vehicle emergency equipment
 - Random drug and alcohol tests

APPENDIX E

END OF CONTRACT HSE SUMMARY



Health Safety & Environment

End of Contract Report

Wombat 3D_PRL2 Onshore Gippsland Basin Seismic Survey
7th - 21st Jan 2008

Client	Lakes Oil N.L	HSE Advisor	Ray Auckram
Location	PRL2 - Onshore Gippsland Basin	Combined Personnel	38
Camp Site	Hacienda Motor Inn	BAC Tests Conducted	20
Camp Location	Sale, Victoria	Preliminary Drug Tests Conducted	
Sub-Contractors	DSS Regional Traffic Ser. Pty Ltd	Standard Operating Procedure Revisions	

Summary:

7/01/2008:	Crew mobilise from Brisbane.
9/01/2008:	Crew arrive at Sale.
10/01/2008:	Start-up toolbox.
	Equipment testing and vehicle preparation ,commence laying spread.
11/01/2008:	Traffic Control in place.
12/01/2008:	Commence production.
13/01/2008:	Random breath test conducted.
14/01/2008:	Near Miss Incident see Meet&Reports tab.
16/01/2008:	Near Miss Incident see Meet&Reports tab.
19/01/2008:	Random breath test conducted.
20/01/2008:	Complete production.
21/01/2008:	Finish picking up remainder of spread.
	Contract completed.

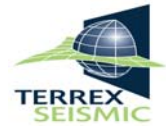
Report compiled by: Ray Auckram HSE

Safety Statistics

Terrex Seismic Man-hours	6,936
Sub-Contractor Man-hours	1,260
Fatalities	0
LTI's	0
MTI's	0
Days since last MTI/LTI	327
First Aid Incidents	0
Incident / Accident Reports	2
Work Days Lost	0
Hazard Identification Reports	3
Training Hours	163
Tool Box / Safety Meeting Man-hours	139
Audits / Inspections	62
Drills	0
Land Spills (< 5 litres)	0

Medical Statistics

Clinic Attendance	
Referral	
Eye infections, injuries	
Heat	
GIT: Diarrhoea, Nausea, Vomiting	
Headaches	
Bites and Stings	
Misc	
Muscular Skeletal: Soft tissue injury, Sprain/Strain	1
Skin Conditions: Rash, Fungal Infection	
Colds, Influenza type symptoms	3
Throat infection, Tonsillitis	
Wound Care: Lacerations, Dressings, Suture removal	
TOTAL	4



TERREX SEISMIC HEALTH, SAFETY AND ENVIRONMENT POLICY

Terrex Seismic is an Exploration Contractor involved in Seismic Acquisition to the Oil, Gas and Mineral Industries.

Our Commitments

- To provide a safe, healthy and injury free workplace for our employees, contractors and the general public.
- Assisting all of our employees and contractors to meet their HSE obligations.
- Establish and implement an HSE Management System and Operational Plans at all levels of the Company.
- Education and training of all of our Employees in HSE Systems, Procedures, Risk Assessment and Risk Minimization.
- Ongoing evaluation and modification of all of our HSE Management Systems, Procedures and Plans in order to ensure a consistent improvement in the establishment of a safe, healthy and environmentally sound workplace.
- Ensure all of our HSE Systems are in accordance with the relevant legislation and requirements of Clients and Government Bodies.

Our Goal

- To achieve a workplace where the targets of zero injuries, equipment damage and environmental incidents are attained.

Our Systems

- Management shall provide a visible, personal involvement in all aspects of HSE, and through their actions create a culture that facilitates employee HSE involvement. Management shall make available the appropriate resources to carry out all manner of HSE.
- Policies and objectives shall be initiated, defined, communicated and revised at all organizational levels.
- Organizational responsibilities shall be defined and the necessary resources provided to achieve HSE objectives
- Management shall continuously evaluate the HSE risks to the employees, clients and environment. Comprehensive risk assessment provides the necessary information in order to take action to reduce the risk to our operations.
- HSE shall be integrated in the design, development and delivery of all services. This includes planning for existing operations, managing change and developing emergency response measures.

Each employee has a personal responsibility to comply with this policy and contribute towards its implementation. Management holds the responsibility to communicate the requirements of this policy to all our employees, contractors and visitors and to involve them in its implementation.

Breach of this policy will be taken very seriously and may involve disciplinary action.

Stephen P. C. Tobin

APPENDIX F

PERSONNEL – CREW LIST

POSITION	NAMES
Crew Manager	Campbell Warren
Crew Manager	Ernst Terry
HSE Advisor	Auckram Ray
HSE Manager	Oswell Geoff
Admin Staff	
Mechanic	Smith Rob
Mechanic	Philippson John
Supply Driver	McKenna Mick
Camp Staff	
Observer	O'Donnell Peter
Observer	Helme Nik
Cable Repair	Fadian Scott
Cable Repair	Good Jarrod
Technical	
Vib Op	Kingston Dean
Vib Op	Tuite Al
Vib Op	Bann Abby
Vib Op	Harland June
Vib Op / Scout	Zimmerman Steve
Vib Scout	Smith Christine
Vibrator Crew	
Vib Tech	Philippson John
Vib Tech	Sharam Colin
Vib Tech	
Line Boss	Fox Ricky
Snr Line	

POSITION	NAMES
Trouble Shooter	Moody Andrew
Trouble Shooter	Smith Robyn
Trouble Shooter	Goodwill Jamie
Trouble Shooters	
Line Crew	Brooks Mark
Line Crew	Bryan-Robinson Amy
Line Crew	Carroll Dan
Line Crew	Clancey Keenan
Line Crew	Clayton Ray
Line Crew	Cunningham Matthew
Line Crew	Dowling Daniel
Line Crew	Farmer Sean
Line Crew	Heenan Mark
Line Crew	McCollin Simon
Line Crew	McGregor Richard
Line Crew	McKenna Mick
Line Crew	Mitchell Madelaine
Line Crew	Murphy Ronald
Line Crew	Newnham Jesse
Line Crew	Ngatai Bryan
Line Crew	Parkes Robert
Line Crew	Smith Christine
Line Crew	Smith Robyn
Line Crew	Roll Mitchell
Line Crew	Watty Dion
Line Crew	

PERSONNEL – CREW NUMBERS

POSITION	NUMBERS
Crew Manager	1
HSE Advisor	1
HSE Manager	1
Mechanic	1
Supply Driver	1
Observer	2
Cable Repair	1 - 2
Vib Op	2
Vib Op / Scout	1
Vib Scout	1
Vib Tech	2
Line Boss	1
Trouble Shooter	2 - 3
Line Crew	19

APPENDIX G

DAILY REPORTS



Equipment being unloaded

Daily Report

Terry Ernst
Sam Coniglio
Hot / Humid
Monday, 7 January 2008

Client.....	Lakes Oil N.L
Survey Name...	Wombat 3D
Area.....	PRL2 - Onshore Gippsland Basin
State.....	Victoria

Party Manager..	Terry Ernst
Client Rep.....	Sam Coniglio
Weather.....	Hot / Humid
Date.....	Monday, 7 January 2008

Chargeable Hrs:	Non Charge (Downtime) Hours:	Cum.L/Spread Hrs...	0.00
Recording.....		Cum.P/Spread Hrs...	0.00
Recorder Move.....			
Detours/Terrain.....	Human Error.....		
Swath Move.....	QC Spread.....		
Traverse Move.....	Recorder.....		
Travel.....	Vibes.....		
P/Source, H/Wires.....	WOS.....	Total Hrly Work Rate (Day)...	0.00
Experimental.....	Other.....	Cum.Hrly Work rate (Job)...	0.00
QC Spread.....		Total Work Hrs (Day)...	0.00
Layout Spread.....			
Pickup Spread.....		Total St/By Rate Hrs (Day)...	0.00
	Total Down Time..... 0.00	Cum.St/By Rate Hrs (Job)...	0.00
Other St/By.....	Toolbox Meeting..... 0.00		
Weather St/By.....	Safety Meeting..... 0.00		
Washdown St/By.....	Cum.Non-Charge (Downtime)..... 0.00	Cum.Total Hrs (Job)	0.00

Crew arrived @ Toowoomba from Brisbane via Bus.
All vehicles checked over and made ready to start mobilisation.
Crew mobilised from Toowoomba to Narrabri on 01st day, 450 km, 6.0 Hrs.
Jean-Baptiste Fuseelier - Sercel Engineer arrived.
Mike Grady - IVI Engineer arrived.
2 x Observer, 1 x Vibe Tech, 1 x HSE, 1 x Vibe Op arrived on site.
Light vehicles on site = 2.
Heavy vehicles on site = 1 x Recorder, 4 x Vibes.
Total Heavy Vehicles on site = 5.
Personnel = 1 x Vibe Op.
Personnel = 1 x HSE, 1 x Vibe Tech, 2 x Observer.
Total Personnel on site = 5.

Spread Movement							
Client: Lakes Oil N.L - Wombat 3D							
Layout				Pickup			
Line	Station #	Tot		Line	Station #	Tot	
			1				1
Total Stations:			1	Total Stations:			1
				Bad Cables 0			
				Bad Phones 0			

COMMENTS:

07th Jan 2008 - Survey completed @ Wombat 3D.

Crew Manager

Client Rep

Terrex Seismic Crew 401 - Wombat 3D
Daily Report

CREW 401

Client..... Lakes Oil N.L.
Survey Name... Wombat 3D
Area..... PRL2 - Onshore Gippsland Basin
State..... Victoria

Party Manager.. Terry Ernst
Client Rep..... Sam Coniglio
Weather..... Hot / Humid
Date..... Tuesday, 8 January 2008

Swath	Rec	Rec	Source	Source	km	VPs	Skips	TOTALS	
					0.000			VPs...	0
								Skips...	0
								Sq.km...	0.000
								Cum.Sq.km...	0.000
								%Completed...	0.00%
								Cum.Total Vps (Job)...	0
								Sq.km.Remaining...	29.000
								Av.Daily Production Sq.km	0.000

Chargeable Hrs:		Non Charge (Downtime) Hours:		Cum.L/Spread Hrs...	0.00
Recording.....				Cum.P/Spread Hrs...	0.00
Recorder Move.....					
Detours/Terrain.....		Human Error.....			
Swath Move.....		QC Spread.....			
Traverse Move.....		Recorder.....			
Travel.....		Vibes.....			
P/Source, H/Wires.....		WOS.....	Total Hrly Work Rate (Day)...		0.00
Experimental.....		Other.....	Cum.Hrly Work rate (Job)...		0.00
QC Spread.....			Total Work Hrs (Day)...		0.00
Layout Spread.....					
Pickup Spread.....			Total St/By Rate Hrs (Day)...		0.00
		Total Down Time.....	0.00	Cum.St/By Rate Hrs (Job)...	0.00
Other St/By.....		Toolbox Meeting.....	0.00		
Weather St/By.....		Safety Meeting.....	0.00		
Washdown St/By.....		Cum.Non-Charge (Downtime).....	0.00	Cum.Total Hrs (Job)	0.00

COMMENTS:

Crew continued mobilising to Sale.
Continued traveling from Narrabri to Yass, 640 km, 11.0 Hrs.
1 x HSE, 1 x Vibe Tech arrived on site.
Vibes & Recorder setting up and checking instruments.
Sam Coniglio & Tim O'Brien for Lakes Oil N.L arrived on site.
Light vehicles on site = 3.
Heavy vehicles on site = 1 x Recorder, 4 x Vibes, 1 x Service Truck.
Total Heavy Vehicles on site = 6.
Personnel = 1 x Vibe Op.
Personnel = 2 x HSE, 2 x Vibe Tech, 2 x Observer.
Total Personnel on site = 7.

Spread Movement							
Client: Lakes Oil N.L - Wombat 3D							
Layout				Pickup			
Line	Station #	Tot		Line	Station #	Tot	
			1				1
Total Stations:			1	Total Stations:			1

DSS - SURVEY

COMMENTS:

08th Jan 2008 - Survey working @ Jacaranda Ridge 3D.

Bad Cables 0
Bad Phones 0

Crew Manager _____

Client Rep _____

Terrex Seismic Crew 401 - Wombat 3D
Daily Report

CREW 401

Client..... Lakes Oil N.L.
Survey Name... Wombat 3D
Area..... PRL2 - Onshore Gippsland Basin
State..... Victoria

Party Manager.. Terry Ernst
Client Rep..... Sam Coniglio
Weather..... Hot / Humid
Date..... Wednesday, 9 January 2008

Swath	Rec	Rec	Source	Source	km	VPs	Skips	TOTALS	
					0.000			VPs...	0
								Skips...	0
								Sq.km...	0.000
								Cum.Sq.km...	0.000
								%Completed...	0.00%
								Cum.Total Vps (Job)...	0
								Sq.km.Remaining...	29.000
								Av.Daily Production Sq.km	0.000

Chargeable Hrs:

Non Charge (Downtime) Hours:

Cum.L/Spread Hrs... 0.00
Cum.P/Spread Hrs... 0.00

Recording.....		Human Error.....			
Recorder Move.....		QC Spread.....			
Detours/Terrain.....		Recorder.....			
Swath Move.....		Vibes.....			
Traverse Move.....		WOS.....	Total Hrly Work Rate (Day)...		0.00
Travel.....		Other.....	Cum.Hrly Work rate (Job)...		0.00
P/Source, H/Wires.....			Total Work Hrs (Day)...		0.00
Experimental.....			Total St/By Rate Hrs (Day)...		0.00
QC Spread.....					
Layout Spread.....					
Pickup Spread.....					
		Total Down Time.....	0.00	Cum.St/By Rate Hrs (Job)...	0.00
		Toolbox Meeting.....	0.00		
		Safety Meeting.....	0.00		
Other St/By.....		Cum.Non-Charge (Downtime).....	0.00	Cum.Total Hrs (Job)	0.00
Weather St/By.....					
Washdown St/By.....					

COMMENTS:

Crew continued mobilising to Sale.
Continued traveling from Yass to Sale, 600 km, 10.5 Hrs.
All crew now on site in Sale.
Vibes & Recorder continue setting up and checking instuments.
Light vehicles on site = 18.
Heavy vehicles on site = 1 x Recorder, 4 x Vibes, 1 x Service Truck.
1 x Cable Repair, 1 x Mechanics, 1 x Spread Paystar, 1 x Crane truck
1 x Spread Semi-Trailer. Total Heavy Vehicles on site = 11.
Personnel = 1 x Mechanic, 1 x Cable Repair, 4 x Vibe Op, 24 x Line Crew.
Personnel = 1 x PM, 1 x APM, 2 x HSE, 2 x Vibe Tech, 2 x Observer.
Total Personnel on site = 38.

Spread Movement							
Client: Lakes Oil N.L - Wombat 3D							
Layout				Pickup			
Line	Station #	Tot		Line	Station #	Tot	
			1				1
Total Stations:			1	Total Stations:			1

DSS - SURVEY

COMMENTS:

09th Jan 2008 - Survey working @ Jacaranda Ridge 3D.

Bad Cables 0
Bad Phones 0

Crew Manager _____

Client Rep _____

Terrex Seismic Crew 401 - Wombat 3D

Daily Report

CREW 401

Client..... Lakes Oil N.L
 Survey Name... Wombat 3D
 Area..... PRL2 - Onshore Gippsland Basin
 State..... Victoria

Party Manager.. Terry Ernst
 Client Rep..... Sam Coniglio
 Weather..... Hot / Humid
 Date..... Thursday, 10 January 2008

Swath	Rec	Rec	Source	Source	km	VPs	Skips	TOTALS
					0.000			VPs... 0 Skips... 0 Sq.km... 0.000 Cum.Sq.km... 0.000
								%Completed... 0.00% Cum.Total Vps (Job)... 0 Sq.km.Remaining... 29.000
								Av.Daily Production Sq.km 0.000

Chargeable Hrs:

Non Charge (Downtime) Hours:

Cum.L/Spread Hrs... 4.50
 Cum.P/Spread Hrs... 0.00

Recording.....
 Recorder Move.....
 Detours/Terrain.....
 Swath Move.....
 Traverse Move.....
 Travel..... 0.83
 P/Source, H/Wires.....
 Experimental.....
 QC Spread.....
 Layout Spread..... 4.50
 Pickup Spread.....

Human Error.....
 QC Spread.....
 Recorder.....
 Vibes.....
 WOS.....
 Other.....

Total Hrly Work Rate (Day)... 5.33
 Cum.Hrly Work rate (Job)... 5.33
 Total Work Hrs (Day)... 5.90
 Total St/By Rate Hrs (Day)... 0.57

Other St/By.....
 Weather St/By.....
 Washdown St/By.....

Total Down Time..... 0.00
 Toolbox Meeting..... 0.30
 Induction Meeting..... 0.27
 Cum.Non-Charge (Downtime)..... 0.00
 Cum.St/By Rate Hrs (Job)... 0.57
 Cum.Total Hrs (Job) 5.90

COMMENTS:

Morning Crew Toolbox & Induction by Client = 0.57 Hrs.
 Vehicles refuelled, travel to prospect.
 New equipment being unloaded from vehicles, sorted and tested.
 Vibes & Recorder continue setting up and checking instruments.
 Equipment fom crew 402 being unloaded into line vehicles.
 103 geophones tested for leakage - 4 failed, 3.9%.
 SMT 50 from 16:30-18:00 hrs. All good.
 Start Layout spread on Wombat 3D = 4.50 Hrs.
 Maps with insufficient detail to fences, hard to find gates around detours.
 Light vehicles on site = 18.
 Heavy vehicles on site = 1 x Recorder, 4 x Vibes, 1 x Service Truck.
 1 x Cable Repair, 1 x Mechanics, 1 x Spread Paystar, 1 x Crane truck
 1 x Spread Semi-Trailer. Total Heavy Vehicles on site = 11.
 Personnel = 1 x Mechanic, 1 x Cable Repair, 4 x Vibe Op, 24 x Line Crew.
 Personnel = 1 x PM, 1 x APM, 2 x HSE, 2 x Vibe Tech, 2 x Observer.
 Total Personnel on site = 38.

Spread Movement							
Client: Lakes Oil N.L - Wombat 3D							
Layout				Pickup			
Line	Station #	Tot		Line	Station #	Tot	
R-308	613	640	28				1
R-300	640	606	35				
R-292	597	641	45				
R-284	642	589	54				
Total Stations:			162	Total Stations:			1

DSS - SURVEY

COMMENTS:

10th Jan 2008 - Survey working @ Jacaranda Ridge 3D.

Bad Cables 0
 Bad Phones 0

Crew Manager _____

Client Rep _____

Terrex Seismic Crew 401 - Wombat 3D
Daily Report

CREW 401

Client..... Lakes Oil N.L
Survey Name... Wombat 3D
Area..... PRL2 - Onshore Gippsland Basin
State..... Victoria

Party Manager.. Terry Ernst
Client Rep..... Sam Coniglio
Weather..... Hot / Humid / Windy
Date..... Friday, 11 January 2008

Swath	Rec	Rec	Source	Source	km	VPs	Skips	TOTALS
					0.000			VPs... 0 Skips... 0 Sq.km... 0.000 Cum.Sq.km... 0.000
								%Completed... 0.00% Cum.Total Vps (Job)... 0 Sq.km.Remaining... 29.000
								Av.Daily Production Sq.km 0.000

Chargeable Hrs:	Non Charge (Downtime) Hours:	Cum.L/Spread Hrs...	10.00
Recording.....		Cum.P/Spread Hrs...	0.00
Recorder Move.....			
Detours/Terrain.....	Human Error.....	Traffic Control Day...	1.00
Swath Move.....	QC Spread.....	Cum.Traffic Control Days...	1.00
Traverse Move.....	Recorder.....		
Travel..... 0.83	Vibes.....		
P/Source, H/Wires.....	WOS.....	Total Hrly Work Rate (Day)...	6.33
Experimental.....	Other.....	Cum.Hrly Work rate (Job)...	11.66
QC Spread.....		Total Work Hrs (Day)...	6.63
Layout Spread..... 5.50			
Pickup Spread.....		Total St/By Rate Hrs (Day)...	0.30
Traffic Control Day..... 1			
	Total Down Time..... 0.00	Cum.St/By Rate Hrs (Job)...	0.87
Other St/By.....	Toolbox Meeting..... 0.30		
Weather St/By.....	Safety Meeting..... 0.00		
Washdown St/By.....	Cum.Non-Charge (Downtime)..... 0.00	Cum.Total Hrs (Job)	12.53

COMMENTS:

Morning Crew Toolbox = 0.30 Hrs.
Travel to field = 0.83 Hrs.
Road crossings being put in, traffic control setting up signs in morning.
Layout spread = 5.50 Hrs. Total = 10.0 Hrs.
Recorder set up late afternoon to begin testing, tape drive problem.
SMT remaining 49 geophones from 11:00-12:15 hrs. 1 set failed.
More maps with detours marked on for access printed & handed out.
1 x Traffic Control = 1 x vehicle + 2 x persons.
Light vehicles on site = 18.
Heavy vehicles on site = 1 x Recorder, 4 x Vibes, 1 x Service Truck.
1 x Cable Repair, 1 x Mechanics, 1 x Spread Paystar, 1 x Crane truck
1 x Spread Semi-Trailer. Total Heavy Vehicles on site = 11.
1 x Vibe Scout.
Personnel = 1 x Mechanic, 1 x Cable Repair, 4 x Vibe Op, 23 x Line Crew.
Personnel = 1 x PM, 1 x APM, 2 x HSE, 2 x Vibe Tech, 2 x Observer.
Total Personnel on site = 38.

Spread Movement							
Client: Lakes Oil N.L - Wombat 3D							
Layout				Pickup			
Line	Station #	Tot		Line	Station #	Tot	
R-276	580	645	66				1
R-268	649	571	79				
R-260	563	651	89				
R-252	651	557	95				
R-244	544	650	107				
R-236	648	580	69				
Total Stations:			505	Total Stations:			1

DSS - SURVEY

COMMENTS:

11th Jan 2008 - Survey working @ Jacaranda Ridge 3D.

Bad Cables 0
Bad Phones 0

Crew Manager _____

Client Rep _____

Daily Report

Terry Ernst
Sam Coniglio
Warm / Breezy
Saturday, 12 January 2008

Client.....	Lakes Oil N.L
Survey Name...	Wombat 3D
Area.....	PRL2 - Onshore Gippsland Basin
State.....	Victoria

Av.Daily Production Sq.km	1.485
---------------------------	-------

Cum.Total Hrs (Job)	24.53
---------------------	-------

Morning Crew Toolbox = 0.30 Hrs.
Travel to field & return = 0.87 Hrs.
St/By = 0.25 Hrs - Waiting on Traffic Control in morning.
Road crossings being put in with traffic control.
Downtime = 3.87 Hrs, Problems with recorder tape drive and problems with plotter while performing experimental tests.
1 x Traffic Control = 1 x vehicle + 2 x persons.
3 x Bad cables, 4 x Bad phones.
Light vehicles on site = 18.
Heavy vehicles on site = 1 x Recorder, 4 x Vibes, 1 x Service Truck.
1 x Cable Repair, 1 x Mechanics, 1 x Spread Paystar, 1 x Crane truck
1 x Spread Semi-Trailer. Total Heavy Vehicles on site = 11.
1 x Vibe Scout.
Personnel = 1 x Mechanic, 1 x Cable Repair, 4 x Vibe Op, 23 x Line Crew.
Personnel = 1 x PM, 1 x APM, 2 x HSE, 2 x Vibe Tech, 2 x Observer.
Total Personnel on site = 38.

	Bad Phones
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

12th Jan 2008 - Survey working @ Jacaranda Ridge 3D.

Client Rep

Daily Report

Party Manager... Terry Ernst
Client Rep..... Sam Coniglio
Weather..... Cool / Breezy
Date..... Sunday, 13 January 2008

Client.....	Lakes Oil N.L
Survey Name...	Wombat 3D
Area.....	PRL2 - Onshore Gippsland Basin
State.....	Victoria

Av.Daily Production Sq.km	2.522
---------------------------	-------

Cum.L/Spread Hrs...	10.00
Cum.P/Spread Hrs...	0.00

COMMENTS:

Morning Crew Safety Meeting = 0.30 Hrs.
Travel to field & return = 0.75 Hrs.
Road crossings being put in with traffic control.
Downtime = 1.42 Hrs, Reshooting Vp's, scripts all over the place.
Downtime = 0.12 Hrs, Safety meeting ran for an extra 7 mins.
Road X-ings = 0.75 Hrs.
1 x Traffic Control = 1 x vehicle + 2 x persons.
1 x Bad Cable, 2 x Bad phones.
Light vehicles on site = 18.
Heavy vehicles on site = 1 x Recorder, 4 x Vibes, 1 x Service Truck.
1 x Cable Repair, 1 x Mechanics, 1 x Spread Paystar, 1 x Crane truck
1 x Spread Semi-Trailer. Total Heavy Vehicles on site = 11.
1 x Vibe Scout.
Personnel = 1 x Mechanic, 1 x Cable Repair, 4 x Vibe Op, 23 x Line Crew.
Personnel = 1 x PM, 1 x APM, 2 x HSE, 2 x Vibe Tech, 2 x Observer.
Total Personnel on site = 38.

DSS - SURVEY

13th Jan 2008 - Survey working @ Jacaranda Ridge 3D.

Client Rep

Daily Report

Terry Ernst
Sam Coniglio
Warm / Breezy
Monday, 14 January 2008

Client.....	Lakes Oil N.L
Survey Name...	Wombat 3D
Area.....	PRL2 - Onshore Gippsland Basin
State.....	Victoria

Cum.L/Spread Hrs...	10.00
Cum.P/Spread Hrs...	0.00

Total Down Time.....	0.97	Cum.St/By Rate Hrs (Job)...	2.29
Toolbox Meeting.....	0.30		
Safety Meeting.....	0.00		
Charge (Downtime).....	6.38	Cum.Total Hrs (Job)	48.70

Spread Movement

Client: Lakes Oil N.L - Wombat 3D

Total Stations:	482	Total Stations:	108
-----------------	-----	-----------------	-----

Bad Cables	3
------------	---

Bad Phones	3
------------	---

14th Jan 2008 - Survey working @ Jacaranda Ridge 3D.

Client Rep

Daily Report

Terry Ernst
Sam Coniglio
Warm / Fine
Tuesday, 15 January 2008

Client..... Lakes Oil N.L
Survey Name... Wombat 3D
Area..... PRL2 - Onshore Gippsland Basin
State..... Victoria

Party Manager..
Client Rep.....
Weather.....
Date.....

Swath	Rec	Rec	Source	Source	km	VPs	Skips	TOTALS	
								VPs...	195
9	276	204	596	644	2.760	69	0	Skips...	0
10	268	196	644	596	3.360	84	0	km²...	2.496
11	260	188	636	588	1.680	42	0	Cum.km²...	9.843
								Lin.km...	7.800
								Cum.Lin.km...	30.760
								%Completed...	33.94%
								Cum.Total Vps (Job)...	769
								km².Remaining...	19.157
								Lin.km.Remaining...	61.920
								Av.Daily Production.km²	2.461

Chargeable Hrs:		Non Charge (Downtime) Hours:		Cum.L/Spread Hrs...	10.00
Recording.....	3.21			Cum.P/Spread Hrs...	0.00
Recorder Move.....	0.50				
Detours/Terrain.....	0.95	Human Error.....		Traffic Control Day...	1
Swath Move.....	0.27	QC Spread.....		Cum.Traffic Control Days...	5
Traverse Move.....	1.77	Recorder.....	3.20		
Travel.....	0.95	Vibes.....			
P/Source, H/Wires.....		WOS.....		Total Hrly Work Rate (Day)...	8.50
Experimental Tests.....		Other.....		Cum.Hrly Work rate (Job)...	48.53
Road X-ings.....	0.50			Total Work Hrs (Day)...	12.00
Layout Spread.....					
Pickup Spread.....				Total St/By Rate Hrs (Day)...	0.30
Troubleshooting QC Spread.....	0.35				
Traffic Control Day.....	1				
		Total Down Time.....	3.20	Cum.St/By Rate Hrs (Job)...	2.59
Other St/By.....		Toolbox Meeting.....	0.30		
Weather St/By.....		Safety Meeting.....	0.00		
Washdown St/By.....		Cum.Non-Charge (Downtime).....	9.58	Cum.Total Hrs (Job)	60.70

Morning Crew Toolbox Meeting = 0.30 Hrs.
Travel to field & return = 0.95 Hrs.
Road crossings being put in with traffic control.
Recorder move = 0.50 Hrs.
Downtime = 3.20 Hrs, Transverse cables creating bad spread problems.
Change out all transverse cable and replace with new transverse
PM to field, talk with observers etc.
1 x Traffic Control = 1 x vehicle + 2 x persons.
2 x Bad Line Cable, 2 x Bad phones.
Light vehicles on site = 18.
Heavy vehicles on site = 1 x Recorder, 4 x Vibes, 1 x Service Truck.
1 x Cable Repair, 1 x Mechanics, 1 x Spread Paystar, 1 x Crane truck
1 x Spread Semi-Trailer. Total Heavy Vehicles on site = 11.
1 x Vibe Scout.
Personnel = 1 x Mechanic, 2 x Cable Repair, 4 x Vibe Op, 22 x Line Crew.
Personnel = 1 x PM, 2 x HSE, 2 x Vibe Tech, 2 x Observer, 1 x Supply Driver.
Total Personnel on site = 38.

Client: Lakes Oil N.L - Wombat 3D

Layout				Pickup			
Line	Station #		Tot	Line	Station #		Tot
124	544	509	36	284	589	642	54
116	514	545	32				
108	536	518	19				
100	523	526	4				
Total Stations:			91	Total Stations:			54

Bad Cables	3
Bad Phones	3

15th Jan 2008 - Survey working @ Jacaranda Ridge 3D.

Crew Manager

Client Rep

Daily Report

Wednesday, 16 January 2008

Date.....

Av.Daily Production.km² 2.685

Cum. Total Hrs (Job)	72.80
Need Movement	

Bad Phones	4
------------	---

Client Rep

Daily Report

CREW 401

Client..... Lakes Oil N.L
Survey Name... Wombat 3D
Area..... PRL2 - Onshore Gippsland Basin
State..... Victoria

Party Manager.. Terry Ernst
Client Rep..... Sam Coniglio
Weather..... Warm / Fine
Date..... Friday, 18 January 2008

Swath	Rec	Rec	Source	Source	km	VPs	Skips	TOTALS	
								VPs...	321
15	228	156	516	508	0.320	8	8	Skips...	10
16	220	148	816	508	1.880	47	2	km ² ...	4.109
17	212	140	508	612	4.320	108	0	Cum.km ² ...	23.002
18	204	132	800	612	5.160	129	0	Lin.km...	12.840
19	196	124	604	588	0.760	19	0	Cum.Lin.km...	71.880
20	188	116	596	588	0.400	10	0		
								%Completed...	81.02%
								Cum.Total Vps (Job)...	1797
								km ² .Remaining...	4.998
								Lin.km.Remaining...	16.840
								Av.Daily Production.km ²	3.286

Chargeable Hrs:		Non Charge (Downtime) Hours:		Cum.L/Spread Hrs...	10.00
Recording.....	5.24			Cum.P/Spread Hrs...	0.00
Recorder Move.....	0.50				
Detours/Terrain.....	1.33	Human Error.....	1.42	Traffic Control Day...	1
Swath Move.....	0.57	Troubleshooting.....	0.47	Cum.Traffic Control Days...	8
Traverse Move.....	1.07	Recorder.....			
Travel.....	1.00	Vibes.....			
P/Source, H/Wires.....		WOS.....		Total Hrly Work Rate (Day)...	9.91
Experimental Tests.....		Other.....		Cum.Hrly Work rate (Job)...	79.07
Road X-ings.....				Total Work Hrs (Day)...	12.10
Layout Spread.....					
Pickup Spread.....				Total St/By Rate Hrs (Day)...	0.30
Troubleshooting QC Spread.....	0.20				
Animal Chewage.....					
Traffic Control Day.....	1				
		Total Down Time.....	1.89	Cum.St/By Rate Hrs (Job)...	3.49
Other St/By.....		Toolbox Meeting.....	0.30		
Weather St/By.....		Safety Meeting.....	0.00		
Washdown St/By.....		Cum.Non-Charge (Downtime).....	14.34	Cum.Total Hrs (Job)	96.90

COMMENTS:

Morning Crew Toolbox Meeting = 0.30 Hrs.
Travel to field & return = 1.0 Hrs.
No road crossings, all completed, traffic control finished today.
Downtime TS = 0.47 Hrs.
Downtime Human Error = 1.42 Hrs, 2 x vibes bogged, insufficient scouting done before detouring around wet areas.
1 x Traffic Control = 1 x vehicle + 2 x persons.
5 x Bad phones.
Light vehicles on site = 18.
Heavy vehicles on site = 1 x Recorder, 4 x Vibes, 1 x Service Truck.
1 x Cable Repair, 1 x Mechanics, 1 x Spread Paystar, 1 x Crane truck
1 x Spread Semi-Trailer. Total Heavy Vehicles on site = 11.
1 x Vibe Scout.
Personnel = 1 x Mechanic, 2 x Cable Repair, 4 x Vibe Op, 23 x Line Crew.
Personnel = 1 x PM, 2 x HSE, 2 x Vibe Tech, 2 x Observer, 1 x Supply Driver.
Total Personnel on site = 39.

Spread Movement							
Client: Lakes Oil N.L. - Wombat 3D							
Layout				Pickup			
Line	Station #	Tot		Line	Station #	Tot	
			1	236	648	533	116
				228	644	522	123
				220	515	580	66
Total Stations:			1	Total Stations:			305

CLIENT - COMMENTS

Bad Cables	0
Bad Phones	5

Crew Manager

Client Rep

Terrex Seismic Crew 401 - Wombat 3D											
Daily Report						CREW 401					
Client.....		Lakes Oil N.L			Party Manager..		Terry Ernst				
Survey Name...		Wombat 3D			Client Rep.....		Sam Coniglio				
Area.....		PRL2 - Onshore Gippsland Basin			Weather.....		Rain / Overcast / Cool				
State.....		Victoria			Date.....		Saturday, 19 January 2008				
Swath	Rec	Rec	Source	Source	km	VPs	Skips	TOTALS			
								VPs...	391		
19	196	124	580	508	3.360	84	0	Skips...	0		
20	188	116	580	508	3.960	99	0	km²...	5.005		
21	180	108	580	508	1.880	47	0	Cum.km²...	28.006		
22	172	100	572	540	1.720	43	0	Lin.km...	15.640		
23	164	100	508	540	1.520	38	0	Cum.Lin.km...	87.520		
24	156	100	516	548	1.600	40	0				
25	148	100	516	540	1.080	27	0	%Completed...	97.98%		
26	140	100	524	532	0.480	12	0	Cum.Total Vps (Job)...	2188		
27	140	100	524	524	0.040	1	0	km².Remaining...	0.576		
								Lin.km.Remaining...	1.800		
								Av.Daily Production.km²	3.501		
Chargeable Hrs:				Non Charge (Downtime) Hours:				Cum.L/Spread Hrs...	10.00		
Recording..... 6.06								Cum.P/Spread Hrs...	0.00		
Recorder Move.....											
Detours/Terrain..... 1.12				Human Error.....				Traffic Control Day...	0		
Swath Move..... 0.72				Troubleshooting..... 0.47				Cum.Traffic Control Days...	8		
Traverse Move..... 1.03				Recorder.....							
Travel..... 1.00				Vibes.....							
P/Source, H/Wires.....				WOS.....				Total Hrly Work Rate (Day)...	11.23		
Experimental Tests.....				Other.....				Cum.Hrly Work rate (Job)...	90.30		
Road X-ings.....								Total Work Hrs (Day)...	12.00		
Layout Spread.....											
Pickup Spread.....								Total St/By Rate Hrs (Day)...	0.30		
Troubleshooting QC Spread..... 1.30											
Animal Chewage.....											
Traffic Control Day.....											
				Total Down Time..... 0.47				Cum.St/By Rate Hrs (Job)...	3.79		
				Toolbox Meeting..... 0.30							
				Safety Meeting..... 0.00							
				Cum.Non-Charge (Downtime)..... 14.81				Cum.Total Hrs (Job)	108.90		
COMMENTS: Morning Crew Toolbox Meeting = 0.30 Hrs. Travel to field & return = 1.0 Hrs. Downtime TS = 0.47 Hrs. 4 x Bad cables, 3 x Bad phones. Light vehicles on site = 18. Heavy vehicles on site = 1 x Recorder, 4 x Vibes, 1 x Service Truck. 1 x Cable Repair, 1 x Mechanics, 1 x Spread Paystar, 1 x Crane truck 1 x Spread Semi-Trailer. Total Heavy Vehicles on site = 11. 1 x Vibe Scout. Personnel = 1 x Mechanic, 2 x Cable Repair, 4 x Vibe Op, 23 x Line Crew. Personnel = 1 x PM, 2 x HSE, 1 x Vibe Tech, 2 x Observer, 1 x Supply Driver. Total Personnel on site = 38.						Spread Movement					
						Client: Lakes Oil N.L - Wombat 3D					
						Layout			Pickup		
						Line	Station #	Tot	Line	Station #	Tot
								1	220	581	641
									212	638	505
									204	500	634
									196	631	500
Total Stations:				Total Stations:	462						
						Bad Cables		4			
						Bad Phones		3			
Crew Manager _____						Client Rep _____					

Daily Report

CREW 401

Party Manager..	Terry Ernst
Client Rep.....	Sam Coniglio
Weather.....	Rain / Overcast / Cold
Date.....	Sunday, 20 January 2008

Cum.L/Spread Hrs...	10.00
Cum.P/Spread Hrs...	8.47

Total Down Time.....	0.48	Cum.St/By Rate Hrs (Job)...	4.09
Toolbox Meeting.....	0.30		
Safety Meeting.....	0.00		
Charge (Downtime).....	15.29	Cum.Total Hrs (Job)	120.90

Spread Movement

Client: Lakes Oil N.L - Wombat 3D

Bad Cables	1
Bad Phones	1

Bad Phones	1
------------	---

Client Rep

Terrex Seismic Crew 401 - Wombat 3D

Daily Report

Client.....

Survey Name...

Area.....

State.....

Lakes Oil N.L

Wombat 3D

PRL2 - Onshore Gippsland Basin

Victoria

CREW 401

Party Manager..

Client Rep.....

Weather.....

Date.....

Terry Ernst

Sam Coniglio

Rain / Overcast / Cold

Monday, 21 January 2008

Swath

Rec

Rec

Source

Source

km

VPs

Skips

TOTALS

VPs...

Skips...

km²...

Cum.km²...

Lin.km...

Cum.Lin.km...

%Completed...

Cum.Total Vps (Job)...

km².Remaining...

Lin.km.Remaining...

Av.Daily Production.km²

0

0

0.000

28.582

0.000

89.320

100.00%

2233

0.000

0.000

3.176

Chargeable Hrs:

Recording.....

Recorder Move.....

Detours/Terrain.....

Swath Move.....

Traverse Move.....

Travel.....

P/Source, H/Wires.....

Experimental Tests.....

Road X-ings.....

Layout Spread.....

Pickup Spread.....

Troubleshooting QC Spread.....

Animal Chewage.....

Traffic Control Day.....

Other St/By.....

Weather St/By.....

Washdown St/By.....

Non Charge (Downtime) Hours:

Human Error.....

Troubleshooting.....

Recorder.....

Vibes.....

WOS.....

Other.....

Total Down Time.....

Toolbox Meeting.....

Safety Meeting.....

Cum.Non-Charge (Downtime).....

Cum.L/Spread Hrs...

Cum.P/Spread Hrs...

Traffic Control Day...

Cum.Traffic Control Days...

Total Hrly Work Rate (Day)...

Cum.Hrly Work rate (Job)...

Total Work Hrs (Day)...

Total St/By Rate Hrs (Day)...

Cum.St/By Rate Hrs (Job)...

Cum.Total Hrs (Job)

0.50

3.00

0.00

0.30

0.00

15.29

10.00

11.47

0

8

3.50

105.02

3.80

0.30

4.39

124.70

COMMENTS:

Morning Crew Toolbox Meeting = 0.30 Hrs.

Rain and cold temperatures again making conditions miserable wet & slippery.

Travel to field = 0.5 Hrs.

Line Crew completed picking up and packing spread on to trucks = 3.00 Hrs.

Wombat 3D completed.

All Light vehicles and heavy vehicles washed down in Sale ready for next job.

2 x persons traveled from Sale to Penola. 1 x light vehicle + 1 x Service Truck.

Light vehicles on site = 17.

2 x Vibrators floated to new prospect - Sale to Penola = 630 km.

Heavy vehicles on site = 1 x Recorder, 4 x Vibes, 1 x Service Truck.

1 x Cable Repair, 1 x Mechanics, 1 x Spread Paystar, 1 x Crane truck

1 x Spread Semi-Trailer. Total Heavy Vehicles on site = 10.

1 x Vibe Scout.

Personnel = 1 x Mechanic, 2 x Cable Repair, 4 x Vibe Op, 23 x Line Crew.

Personnel = 1 x PM, 2 x HSE, 1 x Vibe Tech, 2 x Observer, 1 x Supply Driver.

Spread Movement

Client: Lakes Oil N.L - Wombat 3D

Layout

Line

Station #

Tot

Pickup

Line

Station #

Tot

1

148

539

500

40

140

500

578

79

132

567

504

64

124

509

557

49

116

545

514

32

108

518

536

19

100

523

526

4

Total Stations:

1

Total Stations:

287

CLIENT - COMMENTS

Bad Cables

Bad Phones

Crew Manager

Client Rep

APPENDIX H

RECORDING STATISTICS

Date	Travel Time	Laying Out, QC & Pickup Snpread	Recording Time	Road X-ing	Testing & QC Spread	Troubleshooting	Recorder Move	Swath Move	Traverse Move	Detours & Terrain	Other	Recorder	Other	Troubleshoot	Safety & Other Charge	Traffic Stand-by	Total Stand-by Rate	Total Non- Chargeable	Total Operational Hours	Total Work Hours	Total Kms
	Chargeable	Chargeable	Chargeable	Chargeable	Chargeable	Chargeable	Chargeable	Chargeable	Chargeable	Chargeable	Chargeable	Non- Chargeable	Non- Chargeable	Non-Chargeable	Stand-by	Stand-by					
10 January 2008	0.83	4.50													0.57		0.57	-	5.33	5.90	
11 January 2008	0.83	5.50													0.30		0.30	-	6.33	6.63	
12 January 2008	0.87		1.83	0.75	1.75	0.92		0.10	0.28	1.08		3.87			0.30	0.25	0.55	3.87	7.58	12.00	1.4850
13 January 2008	0.75		4.64	0.75		1.37		1.22	1.03	0.57		1.42	0.12		0.30		0.30	1.54	10.33	12.17	3.5580
14 January 2008	0.83		3.54	0.75	0.28	1.23		1.15	1.58	1.10		0.97			0.30	0.27	0.57	0.97	10.46	12.00	2.3040
15 January 2008	0.95		3.21	0.50		0.35	0.50	0.27	1.77	0.95		3.20			0.30		0.30	3.20	8.50	12.00	2.4960
16 January 2008	1.00		4.26	0.50		0.42		0.13	1.15	2.10				2.24	0.30		0.30	2.24	9.56	12.10	3.5840
17 January 2008	1.00		7.07	0.25		0.18			1.92	0.35	0.30	0.20	0.30	0.13	0.30		0.30	0.63	11.07	12.00	5.4660
18 January 2008	1.00		5.24			0.20	0.50	0.57	1.07	1.33			1.42	0.47	0.30		0.30	1.89	9.91	12.10	4.1090
19 January 2008	1.00		6.06			1.30		0.72	1.03	1.12				0.47	0.30		0.30	0.47	11.23	12.00	5.0050
20 January 2008	1.00	8.47	0.53			0.85			0.25	0.12				0.48	0.30		0.30	0.48	11.22	12.00	0.5760
21 January 2008	0.50	3.00													0.30		0.30	-	3.50	3.80	-
Total	10.5600	21.4700	36.3800	3.5000	2.0300	6.8200	1.0000	4.1600	10.0800	8.7200	0.3000	9.6600	1.8400	3.7900	3.8700	0.5200	4.3900	15.2900	105.0200	124.7000	28.5830