



BLUE ENERGY 2008 INJUNE 2D SEISMIC SURVEY



OPERATIONS REPORT

OCTOBER 2008

BY

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CREW # 404**

**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 / Surveying / Chaining | 7 |
| 2.2 Line Clearing..... | 7 |
| 2.3 Permitting..... | 7 |
| | |
| 3. RECORDING / PROCESSING | |
| 3.1 General Survey Details | 8 |
| 3.2 Recording Parameters..... | 8 |
| 3.3 Prospect Map..... | 10 |
| 3.4 Recording | 11 |
| 3.5 Processing | 12 |
| | |
| 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 Blue Energy to conduct the Injune 2D Seismic Survey. Recording was completed in two days for a total of 29.160 linear km. Acquisition commenced on Monday the 27th of October 2008 and was completed on Tuesday the 28th October 2008.

1.1 GEOGRAPHICAL AREA

The Injune 2D prospect was located approximately 30km North-East of the township of Injune in QLD. The survey area consisted mainly of black soil open farmland with some steep rocky outcrops.



Hemi 44 seismic vibrator truck

1.2 WEATHER

The weather was predominately fine throughout the whole program. Temperatures were in the mid 28 degree range.

1.3 LOGISTICS

All equipment and vehicles were mobilised from the previous prospect by Terrex personnel on Sunday the 26th October 2008.

All vehicle wash downs were performed prior to mobilisation at Moura in QLD with a final certified inspection performed at Injune before the commencement of the Blue Energy – Injune 2D seismic survey.

Access to and from the field was via main bitumen roads, local dirt roads and farm access tracks, seismic lines were also used for access to and from the field and while in production.

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

Line clearing was required for the Blue Energy 2D seismic survey. This was all performed by Blue Energy sub-contractor personnel.

No Traffic Control was required for the 2D seismic survey; however, some signage was used and placed out along roads by the Terrex Seismic HSE representative to warn any third party vehicles that may be driving in the area.

The crew stayed at two locations for the duration of the contract, the Injune Motel in Injune and the Club Hotel Motel in Roma, QLD.

Breakfast, lunch and dinners were all supplied by both the BP Roadhouse in Injune and the Club Hotel Motel in Roma.

All supplies including freight was transported via Australia Post or Star track Express.

Fuel was supplied by the BP Roadhouse in Injune.

Drinking water and Ice were both supplied by the BP Roadhouse in Injune, QLD.



An induction / toolbox meeting was held by the Client Representative and Crew Manager before commencement of the Blue Energy Injune 2D seismic survey.

All three vibrators were floated by Injune Daily Express Couriers from the previous prospect before the commencement of the Injune 2D.

All other logistics were supported out of Terrex Seismic Perth and Brisbane Offices.

2. SURVEYING

2.1 RANGING / CHAINING / SURVEYING

Line chaining and survey for the entire program was completed by Dynamic Satellite Surveys personnel from Yeppoon in Queensland.

2.2 LINE CLEARING

All line clearing was performed by Blue Energy sub-contractor personnel.

2.3 PERMITTING

All permitting was carried out by Blue Energy.

David Ayling was the Permit Man and Mark Kneipp was the Client Representative.



2D seismic line, Injune

3. RECORDING / PROCESSING

3.1 GENERAL SURVEY DETAILS

Survey: 2008 Blue Energy – Injune 2D Seismic Survey
Surat Basin ATP854P, QLD

3.2 RECORDING PARAMETERS

Instruments: Sercel 428XL
No. Channels: 240
Tape Drives: IBM Ultrium LT02 (dual drive drive)
Tape Format: SEGD Revision 1 8058IEEE Demultiplexed,
Noise edited correlated
Filters: Hi cut 200 Hz, (0.8 Nyquist - Linear)
Sample Rate: 2 ms
Record Length: 3 sec
RTC: Yes
Correlation Type: Zero Phase, After Sum
Stack: Diversity stack plus burst edit

Source Data

Vibrators: 1 x Hemi 44 6x6 Truck Mounted Vibrators
Electronics: Pelton Advance 2, Model 5 Vibrator Control Electronics
Sweep Frequency: Mono-sweep, 4-80 Hz
Sweep Length: 12 seconds
No. Sweeps: 1 standing
VP Interval: 40m
Vibrator Array: 1 vibe in line, centered on half station
Sweep Amplitude Taper: 100% (none)
Drive Level: 90% varied by amplitude control function
End Tapers (cosine): 0.3s
Phase Locking Type: Ground Force
Amplitude Control: Peak to Peak

Receivers:

Receiver Group Interval: 20m
Number of live traces: 120
Spread: Symmetric Split, 1972.5 – 20 - 0 – 20 – 1972.5



Geophones: Sensor SM4 10 Hz
Array: 6 over 0.7m, Centered on peg, Group plant on Hasp



3.3 INJUNE 2D PROSPECT MAP

3.4 RECORDING

The Injune 2D prospect was located approximately 30km North-East of the township of Injune in QLD. The surrounding areas consisted mainly of black soil open farmland with some steep rocky hills in between.

The program consisted of three lines for a total of 29.160 linear km.

Production commenced on Monday the 27th of October 2008 and was completed in two days, finishing on Tuesday the 28th of October 2008.

INJUNE 2D PROSPECT

BE08-14

Recording commenced after vibrator testing & line QC had been completed on Monday the 27th October 2008. Production started on VP 207.5 and was completed the same day on VP 851.5 for a total of 12.900 linear km. This line was recorded from low to high station numbers in a South to North direction.

BE08-13

Production started on Tuesday the 28th October on VP 533.5 and was completed the same day on VP 200.5 for a total of 6.680 linear km. This line was recorded from high to low station numbers in an East to West direction.

BE08-15

Production continued on Tuesday the 28th October on VP 679.5 and was completed the same day on VP 201.5 for a total of 9.580 linear km. This line was recorded from high to low station numbers in a North to South direction.

The end of Line # BE08-15 represented the completion of the Injune 2D seismic survey.

Production rates were good throughout the program with a best day of 16.260 km on the 28th October and a daily average of 14.580 km for the entire prospect.

3.5 PROCESSING

“A” & “B” tapes were sent to the following locations:

A Tapes

Fugro Seismic Imaging
69 Outram Street,
West Perth,
WA, 6005

B Tapes

Blue Energy Ltd
421 Brunswick Street,
Fortitude Valley,
QLD, 4006



Line vehicle deploying cable.

APPENDIX A

EQUIPMENT SPECIFICATIONS

RECORDING EQUIPMENT (2D Surveys)

SERCEL 428 Seismic Data Acquisition System

- Three (3) 19inch Flat Screens with Sun Blade Computer
- VERITAS V12 Plotter, UPS, LIM, APM
- Two (2) LTO High Density Tape Drives
- One Hundred and Thirty Seven (137) Seismic Cables with 4 x FDUs per cable
Separated by 55 meters between takeouts (550 Ch)
- Twenty Five (25) Power Harness Leads
- Twenty Five (25) Line Batteries
- Three (3) Transverse Cable
- Two (2) LAUX's
- Two (2) Repeaters
- Fifteen (14) LAUL's
- Two (2) Battery Charging units
- **Pelton** Real Time VibPro Similarity System
- One (1) 10 meter 6 DB Boost High Gain Antenna on Recording Truck

- **Sensor SM4 10Hz High Specification Super phones**
- Six Hundred (600) Geophone strings with 6 ph/group
(Equivalent of 300 Channels of 12 phones/group)

Note: Terrex Seismic warrants that 90% of equipment will be used in Field and up to 10% may be undergoing repair and maintenance.

SOURCE EQUIPMENT

- **Four (4) Hemi 44 6x6 Truck Mounted Vibrators:**
Peak force is 44200lbs per Vibe and Hold-Down weight is 44600lbs per Vibe
- **Four (4) Pelton Advance 2 Model 5 Vibrator Control Electronics**
- One (1) Pelton Advance 2 Encoder Sweep Generator for Recorder
- Three(3) operating Online and One (1) on Standby
- Electronics are capable of Trade Marked **Varisweep**

APPENDIX B

VEHICLE EQUIPMENT LIST

| VEHICLE | REGISTRATION |
|------------------------------------|--------------|
| Landcruiser – 100 series - Wagon | 759 – KZP |
| Landcruiser – 100 series - Wagon | 762 – KZP |
| Landcruiser – 100 series - Wagon | 763 – KZP |
| Landcruiser – 100 series - Wagon | 765 – KZP |
| Landcruiser – 79 series - Trayback | 766 – KZP |
| Landcruiser – 79 series - Trayback | 767 – KZP |
| Landcruiser – 79 series - Trayback | 760 – KZP |
| Landcruiser – 79 series - Trayback | 761 – KZP |
| Landcruiser – 79 series - Trayback | 764 – KZP |
| Landcruiser – 79 series - Trayback | 768 – KZP |
| Landcruiser – 79 series - Trayback | 769 – KZP |
| Nissan – Turbo Diesel - Trayback | XMJ – 224 |
| | |
| Isuzu – 4x4 Service Truck | 9DL – 970 |
| Isuzu – 4x4 Recorder Truck | 1CAA – 534 |
| Volvo – Spread Truck | 1CPZ – 645 |
| | |
| Paystar – Hemi 44 – Vibrator | 372 - JCN |
| Paystar – Hemi 44 – Vibrator | 374 - JCN |
| Paystar – Hemi 44 – Vibrator | 376 - JCN |
| | |

APPENDIX C

TAPE LISTINGS



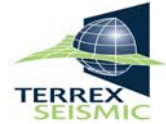
Recording Truck Sercel 428 Injune 2D



APPENDIX D

HSE POLICY & OH&S 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



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 E

END OF CONTRACT HSE REPORT





Health Safety & Environment End of Contract Report Blue Energy Ltd_Injune 2D

26th - 28th Oct 2008

| | | | |
|------------------------|--|----------------------------|-------------|
| Client | Blue Energy Ltd | HSE Advisor | Ray Auckram |
| Location | ATP854P (Surat Basin) | Combined Personnel | 25 |
| Camp Site | Injune Motel, Injune Club Hotel/Motel, Roma | DoA Tests Conducted | |
| Sub-Contractors | Dynamic Satellite Surveys | BAC Tests Conducted | |

Summary:

26/10/2008: Mobilise to Injune 2D.
Complete Certified vehicle wash down inspections.
Commence laying spread on BE08-14

28/10/2008: EOC

Report compiled by: Ray Auckram HSE

Safety Statistics

| | |
|-------------------------------------|-------|
| Terrex Seismic Man-hours | 1,200 |
| Sub-Contractor Man-hours | 48 |
| Fatalities | 0 |
| LTI's | 0 |
| MTI's | 0 |
| Days since last MTI/LTI | 0 |
| First Aid Incidents | 0 |
| Incident / Accident Reports | 0 |
| Work Days Lost | 0 |
| Hazard Identification Reports | 3 |
| Training Hours | 0 |
| Tool Box / Safety Meeting Man-hours | 30 |
| Audits / Inspections | 44 |
| Drills | 0 |
| Land Spills (< 5 litres) | 0 |

Medical Statistics

| Clinic Attendance | |
|--|----------|
| Referral | |
| Eye infections, injuries | |
| Heat | |
| GIT: Diarrhoea, Nausea, Vomiting | |
| Headaches | |
| Bites and Stings | |
| Wound | |
| Muscular Skeletal: Soft tissue injury, Sprain/Strain | |
| Skin Conditions: Rash, Fungal Infection | |
| Colds, Influenza type symptoms | |
| FAC | |
| Wound Care: Lacerations, Dressings, Suture removal | |
| TOTAL | 0 |



APPENDIX F

PERSONNEL – CREW LIST

| POSITION | NAMES |
|----------------------|---------------------|
| Crew Manager | Ernst Terry |
| HSE Advisor | Auckram Ray |
| Admin Staff | |
| Observer | Konta Tom |
| Cable Repair | Bryan-Robinson Amy |
| Technical | |
| Vib Op | Harland June |
| Vib Op | Turner Karen |
| Vibrator Crew | |
| Vib Tech | Philipppson John |
| Vib Tech | |
| Line Boss | Rees Phillip |
| Snr Line | |
| Line Crew | Alberts Livingstone |
| Line Crew | Cameron Jason |
| Line Crew | Cooney Michael |
| Line Crew | Cox Mark |
| Line Crew | Eaves Matthew |
| Line Crew | Gardner Mitchell |
| Line Crew | Gemeiner Kym |
| Line Crew | Gilmour Alex |
| Line Crew | Ikink Nick |
| Line Crew | McCollin Simon |
| Line Crew | Martin Adam |
| Line Crew | Morrisey Martin |
| Line Crew | Phillips Chris |
| Line Crew | Place Brady |
| Line Crew | Rickit Corey |
| Line Crew | Simpson Kurt |
| Line Crew | Waldron Ryan |
| Line Crew | Wallerstein John |
| Line Crew | |



PERSONNEL – CREW NUMBERS

| POSITION | NUMBERS |
|--------------|---------|
| Crew Manager | 1 |
| HSE Advisor | 1 |
| Observer | 1 |
| Cable Repair | 1 |
| Vib Op | 2 |
| Vib Tech | 1 |
| Line Boss | 1 |
| Line Crew | 18 |



APPENDIX G

DAILY REPORTS



Terrex Seismic
Daily Report

CREW 404

Client..... Blue Energy
Survey Name. Injune 2D
Area..... Surat Basin - ATP 854P
State..... Qld

Crew Manager.. Terry Ernst
Client Rep..... Mark Kneipp
Weather..... Fine / Hot
DATE..... Sunday, 26 October 2008

| Line | Station | Station | Kms. | Skips | Vp's | File | File | Makeups | TOTALS | |
|------|---------|---------|-------|-------|------|------|------|---------|------------------------------|---------|
| | | | 0.000 | | | | | | VP's... | 0 |
| | | | | | | | | | Skips... | 0 |
| | | | | | | | | | Kms... | 0.000 |
| | | | | | | | | | Cum.Kms... | 0.000 |
| | | | | | | | | | %Completed... | 0.00% |
| | | | | | | | | | Cum.Total Vp's (Job)... | 0 |
| | | | | | | | | | Kms.Remaining... | 28.9400 |
| | | | | | | | | | Average Daily Production Kms | 0.0000 |
| | | | | | | | | | Estimated Completion Date | #DIV/0! |

| HOURS | | Recording..... | | Down Time - | | Cum.L/Spread Hrs... | | 2.9000 | | |
|-------|--|----------------|--|-------------|--|---------------------|--|--------|---------------------------|--------|
| | | | | | | | | | Cum.P/Spread Hrs... | 0.0000 |
| | | | | | | | | | Human Error..... | |
| | | | | | | | | | Troubleshooting..... | |
| | | | | | | | | | Recorder..... | |
| | | | | | | | | | Vibes-NC..... | |
| | | | | | | | | | W / on Spread..... | |
| | | | | | | | | | Other..... | 0.5 |
| | | | | | | | | | Toolbox/Induction..... | 0.3 |
| | | | | | | | | | Total Down Time..... | 0.5 |
| | | | | | | | | | Cum. Down Time (Job)..... | 0.5 |
| | | | | | | | | | Cum.Total Hrs (Job).... | 11.70 |

| | | | |
|-------------|------------|---------------|------------------------------|
| Production: | Vp's: 0 | K.M's: 0.0000 | Personnel # 25 |
| | Skips: 0 | | Terrex Field # 23 |
| | | | Terrex Line # 18 |
| | | | Terrex Light vehicles # 12 |
| | | | Terrex Heavy vehicles # 7 |
| | | | Hire vehicles # 0 |
| | | | Traffic Control Persons # 0 |
| | | | Traffic Control Vehicles # 0 |
| Weather: | Fine / Hot | Temp: 7 to 26 | |

| Spread Movement | | | | | |
|------------------------|-----------|-----|------------------------|-----------|-----|
| Client: Blue Energy | | | | | |
| Layout | | | Pickup | | |
| Line | Station # | Tot | Line | Station # | Tot |
| BE08-14 | 207 | 700 | | | 1 |
| Total Stations: | | 494 | Total Stations: | | 1 |
| Bad Cables | | 0 | Bad Phones | | 0 |

Comments:
 *Morning Toolbox @ Moura C/Van Park.
 *Prospect Move from Moura to Injune, 320 km, 3.5 Hrs.
 *St/By = Certified Washdowns - 3.5 Hrs.
 *Layout Spread = 3.5 Hrs.
 *Third (3rd) Cable truck being used today.
 Downtime:
 Recorder:
 T/Shooting:
 Vibrators:
 WOS/Other: 0.5 Refuelling vehicles

| Line | Station # | Tot | Line | Station # | Tot |
|------------------------|-----------|-----|------------------------|-----------|-----|
| BE08-14 | 207 | 700 | | | 1 |
| Total Stations: | | 494 | Total Stations: | | 1 |
| Bad Cables | | 0 | Bad Phones | | 0 |

Crew Manager: Terry Ernst.....

Client Rep: Mark Kneipp.....

Terrex Seismic
Daily Report

CREW 404

Client..... Blue Energy
Survey Name. Injune 2D
Area..... Surat Basin - ATP 854P
State..... Qld

Crew Manager.. Terry Ernst
Client Rep..... Mark Kneipp
Weather..... Fine / Hot
DATE..... Monday, 27 October 2008

| Line | Station | Station | Kms. | Skips | Vp's | File | File | Stns | Makeups | TOTALS | |
|---------|---------|---------|--------|-------|------|------|------|------|---------|------------------------------|-----------|
| BE08-14 | 207.5 | 851.5 | 12.900 | 0 | 358 | 1 | 364 | 645 | 12 | VP's... | 358 |
| | | | | | | | | | | Skips... | 0 |
| | | | | | | | | | | Kms... | 12.900 |
| | | | | | | | | | | Cum.Kms... | 12.900 |
| | | | | | | | | | | %Completed... | 44.57% |
| | | | | | | | | | | Cum.Total Vp's (Job)... | 358 |
| | | | | | | | | | | Kms.Remaining... | 16.0400 |
| | | | | | | | | | | Average Daily Production Kms | 12.9000 |
| | | | | | | | | | | Estimated Completion Date | 29-Oct-08 |

| HOURS | | Down Time - | | Cum.L/Spread Hrs... | | 3.7000 | |
|---------------------------------------|-----|---------------------------|-----|-----------------------------|--------|--------|--|
| Recording..... | 4.6 | Recorder Move..... | 1.3 | Cum.P/Spread Hrs... | 0.0000 | | |
| Line Move..... | 1.1 | Human Error..... | | | | | |
| Detours/Terrain..... | 1.1 | Troubleshooting..... | 0.3 | | | | |
| Travel Time..... | 1.1 | Recorder..... | | | | | |
| Vibe Testing - Daily test/QC.... | 0.7 | Vibes-NC..... | 0.1 | | | | |
| QC Spread.... | 0.7 | W / on Spread..... | | Total Day Hrs... | 12.40 | | |
| Troubleshooting / Other.... | | Other..... | 0.3 | Day Charge Hrs... | 11.40 | | |
| WOS.... | | | | Cum.Chargeable Hrs (Job)... | 18.80 | | |
| L/Spread.... | 0.8 | Toolbox/Induction..... | 0.3 | Standby Hrs... | 0.30 | | |
| P/Spread.... | | Total Down Time..... | 0.7 | Cum.Standby Hrs (Job)... | 4.10 | | |
| Prospect / Camp Move..... | | | | | | | |
| Washdowns / Weather / Other St/By.... | | Cum. Down Time (Job)..... | 1.2 | Cum.Total Hrs (Job).... | 24.10 | | |

| Production: | | | | Spread Movement | | | |
|---------------------|------------|----------------------------|---------|---------------------------|-----------|-----|--|
| Client: Blue Energy | | | | | | | |
| Layout | | | | Pickup | | | |
| Line | Station # | Tot | | Line | Station # | Tot | |
| Vp's: | 358 | K.M's: | 12.9000 | Personnel # | 25 | | |
| Skips: | 0 | Terrex Field # | 23 | Terrex Line # | 18 | | |
| | | Terrex Light vehicles # | 12 | Terrex Heavy vehicles # | 7 | | |
| | | Hire vehicles # | 0 | Traffic Control Persons # | 0 | | |
| | | Traffic Control Vehicles # | 0 | | | | |
| Weather: | Fine / Hot | Temp: | 8 to 28 | | | | |

| Comments: | | | | | | | |
|--|-----------|-----|------|------------------------|-----|------|-----------|
| Line | Station # | Tot | Line | Station # | Tot | Line | Station # |
| BE08-14 | 701 | 851 | 151 | BE08-14 | 207 | 851 | 645 |
| BE08-13 | 533 | 260 | 274 | | | | |
| Total Stations: | | 425 | | Total Stations: | | 645 | |
| Bad Cables | | 0 | | Bad Phones | | 3 | |
| Downtime: Recorder: T/Shooting: 0.3 3 x Bad Phones Vibrators: 0.1 Wait on vibes to arrive on line WOS/Other: 0.3 | | | | | | | |

Crew Manager: Terry Ernst.....

Client Rep: Mark Kneipp.....

Terrex Seismic
Daily Report

CREW 404

Client..... Blue Energy
Survey Name. Injune 2D
Area..... Surat Basin - ATP 854P
State..... Qld

Crew Manager.. Terry Ernst
Client Rep..... Mark Kneipp
Weather..... Fine / Hot
DATE..... Tuesday, 28 October 2008

| Line | Station | Station | Kms. | Skips | Vp's | File | File | Stns | Makeups | TOTALS | |
|---------|---------|---------|-------|-------|------|------|------|------|---------|-------------------------------------|----------------|
| | | | | | | | | | | VP's... | 459 |
| | | | | | | | | | | Skips... | 0 |
| BE08-13 | 533.5 | 200.5 | 6.680 | 0 | 218 | 1 | 218 | 334 | 0 | Kms... | 16.260 |
| BE08-15 | 679.5 | 201.5 | 9.580 | 0 | 241 | 1 | 241 | 479 | 0 | Cum.Kms... | 29.160 |
| | | | | | | | | | | %Completed... | 100.00% |
| | | | | | | | | | | Cum.Total Vp's (Job)... | 817 |
| | | | | | | | | | | Kms.Remaining... | 0.0000 |
| | | | | | | | | | | Average Daily Production Kms | 14.5800 |
| | | | | | | | | | | Estimated Completion Date | 29-Oct-08 |

| HOURS | | Recording..... | 4.8 | Down Time - | Cum.L/Spread Hrs... | 3.7000 |
|-------|--|---------------------------------------|-----|---------------------------|---------------------|-----------------------------------|
| | | Recorder Move..... | | | Cum.P/Spread Hrs... | 1.9000 |
| | | Line Move..... | 1.3 | Human Error..... | | |
| | | Detours/Terrain..... | 1.0 | Troubleshooting..... | | |
| | | Travel Time..... | 0.8 | Recorder..... | | |
| | | Vibe Testing - Daily test/QC.... | | Vibes-NC..... | 0.9 | |
| | | QC Spread.... | 1.3 | W / on Spread..... | | Total Day Hrs... 12.30 |
| | | Troubleshooting / Other.... | | Other..... | | Day Charge Hrs... 11.10 |
| | | WOS.... | | | | Cum.Chargeable Hrs (Job)... 29.90 |
| | | L/Spread.... | | Toolbox/Induction..... | 0.3 | Standby Hrs... 0.30 |
| | | P/Spread.... | 1.9 | Total Down Time..... | 0.9 | Cum.Standby Hrs (Job)... 4.40 |
| | | Prospect / Camp Move..... | | | | |
| | | Washdowns / Weather / Other St/By.... | | Cum. Down Time (Job)..... | 2.1 | Cum.Total Hrs (Job).... 36.40 |

| | | | |
|----------------------------|-----------------------|----------------|------------------------------|
| Production: | Vp's: 459 | K.M's: 16.2600 | Personnel # 25 |
| | Skips: 0 | | Terrex Field # 23 |
| | | | Terrex Line # 18 |
| | | | Terrex Light vehicles # 12 |
| | | | Terrex Heavy vehicles # 7 |
| | | | Hire vehicles # 0 |
| | | | Traffic Control Persons # 0 |
| | | | Traffic Control Vehicles # 0 |
| Weather: Fine / Hot | Temp: 10 to 29 | | |

| Spread Movement | | | | | | | | |
|------------------------|-----------|-----|-----|------------------------|-----------|-----|-----|--|
| Client: Blue Energy | | | | | | | | |
| Layout | | | | Pickup | | | | |
| Line | Station # | Tot | | Line | Station # | Tot | | |
| BE08-13 | 259 | 200 | 60 | BE08-13 | 533 | 200 | 334 | |
| BE08-15 | 679 | 201 | 479 | BE08-15 | 679 | 201 | 479 | |
| Total Stations: | | | 539 | Total Stations: | | | 813 | |
| Bad Cables | | | 0 | Bad Phones | | | 2 | |

Comments:

- *Morning Toolbox @ Injune BP R/House.
- *11 Persons staying @ Injune, 14 Persons staying @ Roma.
- *Production completed on Lines # 13 & 15. Blue Energy Injune 2D completed
- *Pickup Spread completed = 1.9 Hrs.
- *PM in field, checking access for lines.
- *HSE setting up signage around roads.
- *Rough terrain in places, slow going for line crew when picking up / laying out
- *Third (3rd) Cable truck being used today.

Downtime:

Recorder:

T/Shooting:

Vibrators: 0.9 Flat Tyre + Pelton problem

WOS/Other:

Crew Manager: Terry Ernst.....

Client Rep: Mark Kneipp.....

Terrex Seismic
Daily Report

CREW 404

Client..... Blue Energy
Survey Name. Injune 2D
Area..... Surat Basin - ATP 854P
State..... Old

Crew Manager.. Terry Ernst
Client Rep..... Mark Kneipp
Weather..... Fine / Hot
DATE..... Wednesday, 29 October 2008

| Line | Station | Station | Kms. | Skips | Vp's | File | File | Stns | Makeups | TOTALS |
|------|---------|---------|-------|-------|------|------|------|------|---------|--|
| | | | 0.000 | | | | | | | VP's... 0 Skips... 0 Kms... 0.000 Cum.Kms... 29.160 |
| | | | | | | | | | | %Completed... 100.00% |
| | | | | | | | | | | Cum.Total Vp's (Job)... 817 |
| | | | | | | | | | | Kms.Remaining... 0.0000 |
| | | | | | | | | | | Average Daily Production Kms 14.5800 |
| | | | | | | | | | | Estimated Completion Date 30-Oct-08 |

| HOURS | | Recording..... | Down Time - | Cum.L/Spread Hrs... | 3.7000 |
|-------|--|--|-------------------------------|-----------------------------|--------|
| | | Recorder Move..... | | Cum.P/Spread Hrs... | 1.9000 |
| | | Line Move..... | Human Error..... | | |
| | | Detours/Terrain..... | Troubleshooting..... | | |
| | | Travel Time..... | Recorder..... | | |
| | | Vibe Testing - Daily test/QC.... | Vibes-NC..... | | |
| | | QC Spread.... | W / on Spread..... | Total Day Hrs... | 0.00 |
| | | Troubleshooting / Other..... | Other..... | Day Charge Hrs... | 0.00 |
| | | WOS.... | | Cum.Chargeable Hrs (Job)... | 29.90 |
| | | L/Spread.... | Toolbox/Induction..... | Standby Hrs... | 0.00 |
| | | P/Spread.... | Total Down Time..... 0.0 | Cum.Standby Hrs (Job)... | 4.40 |
| | | Prospect / Camp Move..... | | | |
| | | Washdowns / Weather / Other St/By..... | Cum. Down Time (Job)..... 2.1 | Cum.Total Hrs (Job).... | 36.40 |

| | | | |
|----------------------------|-----------------------|---------------|------------------------------|
| Production: | Vp's: 0 | K.M's: 0.0000 | Personnel # 25 |
| | Skips: 0 | | Terrex Field # 23 |
| | | | Terrex Line # 18 |
| | | | Terrex Light vehicles # 12 |
| | | | Terrex Heavy vehicles # 7 |
| | | | Hire vehicles # 0 |
| | | | Traffic Control Persons # 0 |
| | | | Traffic Control Vehicles # 0 |
| Weather: Fine / Hot | Temp: 10 to 30 | | |

| Spread Movement | | | | | |
|------------------------|-----------|-----|------------------------|-----------|-----|
| Client: Blue Energy | | | | | |
| Layout | | | Pickup | | |
| Line | Station # | Tot | Line | Station # | Tot |
| | | 1 | | | 1 |
| Total Stations: | | 1 | Total Stations: | | 1 |
| Bad Cables | | 0 | Bad Phones | | 2 |

Comments:

- *Morning Toolbox @ Injune BP R/House. Discussed crew shutdown.
- *Decision made between Terrex & Client to cancel next prospect, crew 404 shutdown.
- *Spread Truck, Vibes & Service Truck parked up @ Injune
- *Crew demobilised from Injune to Brisbane, 620 km.
- *Charge Hrs for demobe between Terrex & Client.

Downtime:
Recorder:
T/Shooting:
Vibrators:
WOS/Other:

| | | | | | |
|------------------------|--|---|------------------------|--|---|
| | | 1 | | | 1 |
| Total Stations: | | 1 | Total Stations: | | 1 |
| Bad Cables | | 0 | Bad Phones | | 2 |

Crew Manager: Terry Ernst.....

Client Rep: Mark Kneipp.....



APPENDIX H

RECORDING STATISTICS

RECORDING STATISTICS

| Date | Travel Time | Downtime | Recording | Layout/Pick-up Spread | Daily Test | Recorder/Vibrator Move | Detours & Terrain | Prospect Move | Line Move | QC Spread | Weather/Other | Safety Meeting's | Total Stand-by | Total Hours | Total Km's | Extra Cable Truck |
|-----------------|---------------|----------------|---------------|-----------------------|---------------|------------------------|-------------------|---------------|---------------|---------------|---------------|------------------|----------------|----------------|----------------|-------------------|
| | Chargeable | Non-Chargeable | Chargeable | Chargeable | Chargeable | Chargeable | Chargeable | Chargeable | Chargeable | Chargeable | Stand-by | Stand-by | Chargeable | Chargeable | | Chargeable |
| 26 October 2008 | 1.00 | 0.50 | | 2.90 | | | | 3.50 | | | 3.50 | 0.30 | 3.80 | 7.90 | | 1 |
| 27 October 2008 | 1.10 | 0.70 | 4.60 | 0.80 | 0.70 | 1.30 | 1.10 | | 1.10 | 0.70 | | 0.30 | 0.30 | 12.10 | 12.9000 | 1 |
| 28 October 2008 | 0.80 | 0.90 | 4.80 | 1.90 | | | 1.00 | | 1.30 | 1.30 | | 0.30 | 0.30 | 12.00 | 16.2600 | 1 |
| Total | 2.9000 | 2.1000 | 9.4000 | 5.6000 | 0.7000 | 1.3000 | 2.1000 | 3.5000 | 2.4000 | 2.0000 | 3.5000 | 0.9000 | 4.4000 | 32.0000 | 29.1600 | 3 |