

# TEXALTA PETROLEUM Ltd 2009 GEORGINA BASIN 2D SEISMIC SURVEY



# **OPERATIONS REPORT**

May / June

BY

# **WARREN CAMPBELL**

OF

**CREW # 402** 

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



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# 1. INTRODUCTION

Terrex Seismic was contracted by Texalta Petroleum Ltd to conduct the Georgina Basin 2D Seismic Survey. Experimental testing was completed on 11<sup>th</sup> May with recording commencing 12<sup>th</sup> May 2009. Production was completed 2<sup>nd</sup> June 2009.

#### 1.1 GEOGRAPHICAL AREA

The survey area lays 650 km's NE of Alice Springs and 450km's SW of Mt Isa. Reasonable road access exists via the Plenty Highway .The terrain consisted of mainly sandy, red earth with spinifex grasses and thick scrubby tree coverage.

#### 1.2 WEATHER

The weather was pleasant throughout the program, with cool days and nights. Some light rain was recorded towards the end of the survey.

#### 1.3 LOGISTICS

The camp and crew mobilised from the previous prospect, the 1322km camp move was completed in four days with some minor break downs. Camp was set up at Manners Creek at station 4337.

Access to all the lines was via the Plenty Highway for the first part after which the seismic line was the only access to camp and field.

The accommodation facilities were in the form of mobile vans that were provided by Terrex Seismic and were capable of sleeping up to 44 people.

All meals were provided by the mobile kitchen and diner that was staffed by two full time cooks.

All supplies and freight were transported via Road out of Mt Isa by Followmonts Transport.

Fuel for all vehicles was supplied by Sabadin Petroleum of Alice Springs and was delivered to site.

All other logistics were supported out of Terrex Seismic Perth & Brisbane offices.



# 2. SURVEYING

# 2.1 RANGING / CHAINING / SURVEYING

Line chaining and survey for the entire program was completed by Dynamic Satellite Survey Pty Ltd personnel from Yeppoon Queensland.

# 2.2 LINE CLEARING

All line clearing was performed by Terrex Contracting

# 2.3 PERMITTING

Permitting was carried out by the client with Kent Honner acting as the client representative from the 11<sup>th</sup> May to the completion of the contract.



**Typical Line Conditions** 



# 3. RECORDING / PROCESSING

#### 3.1 RECORDING PARAMETERS

Survey: Texalta 2D Seismic Survey

PEL: ATP 103-104

Lines: TEX09-02 / TEX09-03

Areas: Georgina Basin

Instrumentation

Instruments: Sercel 428 XL

No. Channels: 600

Tape Drives: IBM Ultrium LT02 (dual drive – 200 Gbyte per tape)

Tape Format: SEGD Revision 1 8058IEEE Demultiplexed,

Noise edited correlated summed 4 sec record

Filters: Hi cut 200 Hz, (0.8 Nyquist - Linear)

Lo cut: Out Sample Rate: 2 ms

Record Length: 3 sec listen

RTC: Yes

Correlation Type: Zero Phase, After Sum

Stack: Diversity stack

Source Data

Vibrators: 3 x I/O AHV IV's on 4x4 Buggies

Electronics: Pelton Advance III, Vib Pro

Sweep Frequency: Mono-sweep, 8-90 Hz

Sweep Length: 8 seconds
No. Sweeps: 2 standing

VP Interval: 25m

Vibrator Array: 3 vibs in line, 12.5m pad to pad standing. No move-up.

Sweep Amplitude Taper: 100% (none)

Drive Level: 80% varied by amplitude control function

End Tapers (cosine): 0.2s

Phase Locking Type: Ground Force
Amplitude Control: Peak to Peak

# TEXALTA PETROLEUM Ltd 2009 GEORGINA BASIN SEISMIC SURVEY – FINAL REPORT



Receivers

Receiver Group Interval: 25m Number of live traces: 100 Spread: Split

Geophones: Sensor SM4 10 Hz

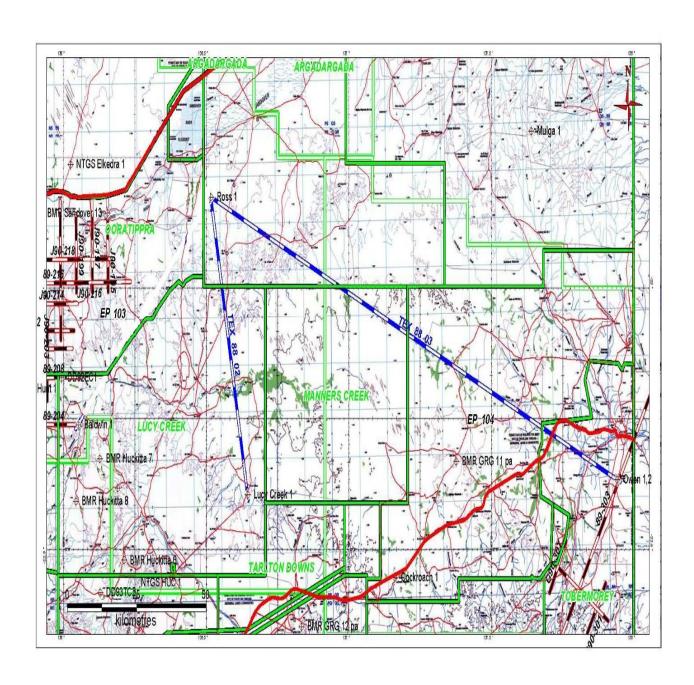
Array: 12.5 in-line, centred on station, 2.083m spacing

Connection: Series/Parallel (3x4)

Multiplicity: 50 Fold with 12.5 CDP Interval



# 3.2 TEXALTA 2D PROSPECT MAP



**Location Map** 



#### 3.3 RECORDING

The Texalta 2D prospect is located in between the Plenty and Sandover Highway's. The survey consisted of two lines totaling 235.1 kms with recording commencing 12<sup>th</sup> May 2009 and production being completed 2nd June 2009 with an average of 12.7km recorded per day. The contract was completed in 22 days which included a two day camp move.

# TEX\_09\_03

Production started 12<sup>th</sup> May on VP 6976 and was completed 27<sup>th</sup> May on VP 414 for a total of 164.05 km. This line was recorded from high to low station numbers in a SE to NW direction.

# TEX\_09\_02

Production started 28<sup>th</sup> May on VP 500 and was completed 2<sup>nd</sup> June on VP 3342 for a total of 71.05 km. This line was recorded from low to high station numbers in a North to South direction.

The end of line two represented the completion of the Texalta contract. Production rates were good throughout the prospect with a total of 235.1kms recorded at an average of 12.7 kms per day. The contract was completed in 22 days which included a two day camp move.



Back crew at work



# 3.4 PROCESSING

All final data shipments were sent to the below locations.

'A' tapes were sent to Divestco Processing, Calgary, Alberta, Canada for final processing.

'B' tapes were sent to Allender Exploration in Unley, South Australia.



Line Boss hard changing out a 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 Fifty (150) Seismic Cables with 4 x FDUs per cable Separated by 55 metres between takeouts (600 Ch)
- Twenty (20) Power Harness Leads
- Thirty(30) Line Batteries
- Fifteen (6) Transverse Cable
- Twenty-Seven (3) Repeaters
- Fourteen (3) LAUX's
- Forty-Nine (23) LAUL's
- Ten (10) Telwin (Nevaboost 140) Battery Chargers
- Pelton Real Time Similarity System
- One (1) 10 metre 6 DB Boost High Gain Antenna on Recording Truck
- Sensor SM4 10Hz High Specification Super phones
- One Thousand Two Hundred (1200) Geophone strings with 6 ph/group (Equivalent of 600 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) Input-Output AVH IV 4x4 Buggy Vibrators: Peak force is 62000lbs per Vibe and Hold-Down weight is 62400lbs 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



# **APPENDIX B**

# **VEHICLE EQUIPMENT LIST**

#	VEHICLE	REGISTRATION				
1	Toyota 76 Series Wagon	1CVW - 536				
2	Toyota 79 Series Ute	470 - LGW				
3	Toyota 79 Series Ute	476 - LGW				
4	Toyota 76 Series Wagon	460 - LGW				
5	Toyota 79 Series Ute	465 - LGW				
6	Toyota 78 Series Troopy	477 - LGW				
7	Toyota 79 Series Ute	461 - LGW				
8	Toyota 79 Series Ute	472 - LGW				
9	Toyota 79 Series Ute	463 - LGW				
10	Toyota 76 Series Wagon	474 - LGW				
11	Toyota 79 Series Ute	468 - LGW				
12	Toyota 79 Series Ute	466 - LGW				
13	Toyota 76 Series Wagon	462 - LGW				
14	Toyota 76 Series Wagon	473 - LGW				
15 Toyota 76 Series Wagon 459 - LGW						
	LIGHT VEHICLE LIS	эт				
1	I/O AHV-IV Vibrator	C 32657				
2	I/O AHV-IV Vibrator	C 32658				
3	I/O AHV-IV Vibrator	C 32659				
4	I/O AHV-IV Vibrator	C 32660				
5	Hino Recorder	1 CDW 327				
6	Paystar Water Truck	627-JAH				
7	Kenworth Cab/over	1AGB 177				
8	Paystar Vibe ServiceTruck	875 HJU				
9	Paystar Spread	371 JCN				
10	Freightliner Water	449 KMT				
11	Kenworth Generators	WNK750				
12	Iveco Semi	545 - FHI				
13	Hino Crane	1CMW - 981				
14	Kenworth Semi	VXM - 649				
15						
HEAVY VEHICLE LIST						

#	VEHICLE	REGISTRATION				
1	Sat dish	CM9933				
2	Elross Kitchen	1TGZ - 790				
3	Elross Diner	1TGZ - 791				
4	Cool room	507-QJG				
5	Generators	126-QMP				
6	Shower Van	N60-916				
7	Elross Office	1TGL - 813				
8	Lunch Room	692 - QPG				
9	Client Van	1TIN-772				
10	Elross 6 Manner	1TGL - 663				
11	Elross HSE	1TFB - 626				
12	Elross 6 Manner	1TJB - 666				
13	Elross 6 Manner	1TGL - 815				
14	Elross 6 Manner	1TGL - 812				
15	Elross 6 Manner	1TGL - 811				
16	Elross 6 Manner	1TJB - 338				
17	Elross 6 Manner	1TGL - 664				
18	Blue Shitter	008 - QOU				
19	Blue Shitter	CI 1305				
20	Sign / Wash down Trailer	YIE - 679				
21	Dolly	509-QJG				
22	Fuel Tanker	TCG - 414				
TRAILER LIST						



# APPENDIX C TAPE LISTINGS



Recorder moving up the line to the next set up

	TEXALTA TAPE LISTINGS									
Tape #	Line	First FFID	Last FFID	First VP	Last VP	Date Recorded	Comments			
1A	TEX09-03	1	6586	6976.5	414.5	12-5-09 / 27-5-09	See Obs Logs			
5011	Line 08	1	264	200.5	462.5	28/07/08 - 29/07/08	Line 08			
5012	Line 09	265	687	622.5	200.5	29/07/2008	Line 09			
5013	Line 07	688	954	466.5	200.5	29/07/08 - 30/07/08	Line 07			
5014	Line 06	955	1219	200.5	464.5	30/07/2008	Line 06			
5015	Line 05	1220	1493	473.5	200.5	30/07/2008	Line 05			
5016	Line 12	1494	1660	366.5	200.5	31/07/2008	Line 12			
5017	Line 11	1661	1824	200.5	363.5	31/07/2008	Line 11			
5018	Line 13	1825	1974	200.5	349.5	31/07/2008	Line 13			



# **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
        - o 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 SUMMARY



**Sunrise on Texalta** 



# Health Safety & Environment Texalta Petroleum Ltd

# **End of Contract Report** Georgina Basin 2D 7th May - 2nd June 2009

Texalta Petroleum Ltd Client: **HSE Advisor** Ray Auckram

Kent Honner Client Representative:

Location: Georgina Basin, NT **Combined Personnel:** 37 Camp Site: 42 Bed Accommodation Mobile Camp BAC Tests Conducted: 936 **Camp Location:** Georgina Basin, NT **Preliminary Drug Tests:** 

(Initial campsite located on Manners Ck Stn.)

Sub-Contractors: Terrex Contracting Standard Operating

Dynamic Satellite Surveys **Procedure Revisions** 

#### Summary

07-May-2009 Mobilised camp from Munro 3D to Georgina Basin 2D. 10-May-2009 Establish main base camp on Manners Ck Stn, Georgina Ba

11-May-2009 Commence layout of spread.

Testing completed.

Safety Meeting\_Highlight hazards Georgina Basin 2D. See Meet&Reports tab

Safety Meeting\_Snatch Strap Retrieval. See Meet&Reports tab Mobilised camp from Manners Ck Stn (Camp #1) to Argadargada Stn (Camp Safety Meeting\_Man Lost Procedure. See Meet&Reports tab Muster Point ERP Drill conducted.

17-May-2009 21-May-2009 24-May-2009 30-May-2009 02-June-2009 Production completed. EOC

### **Safety Statistics**

Salety Statistics	
Terrex Seismic Man-hours	12408.00
Sub-Contractor Man-hours	3312.00
Fatalities	0
LTI's	0
MTI's	1
Days since last MTI/LTI	13
First Aid Incidents	0
Incident / Accident Reports	1
Work Days Lost	0
Hazard Identification Reports	14
Near Miss Reports	0
Training Hours	42.30
Tool Box / Safety Meeting Man-hours	272.40
Audits / Inspections	366
Drills	1
Land Spills (< 5 litres)	0

Clinic Attendance	
Colds/Flu/Sore throat	11
Non Specific	0
Ear / Nose / Throat	0
Allergies	0
Muscular / Skeletal / Soft Tissue	0
Eye Irritation	0
Headaches	1
Gynaecological	1
Wound / Laceration / Dressing	0
Skin / Rash / Fungal	1
Dental	0
Burn	0
Heat Illness	0
Bites / Stings	0
Upset Stomach	1
TOTAL	15



# **APPENDIX F**

# **PERSONNEL – CREW LIST**

POSITION	NAMES				
POSITION  Client Penragentative	NAMES Honner Kent				
Client Representative	ent Rep				
Crew Manager	Goossens Shane				
Crew Manager	Campbell Warren				
HSE	Oswell Geoff				
HSE	Hill Tim				
HSE Adn	Auckram Ray				
Mechanic	Paul Marco				
Mechanic	Lawless Shane				
Campy	Ambachtsheer Nola Fay				
Campy	Wulff Joanne				
Campy	Weston Heather				
Cook	Gill Mark				
Cook	Philpot Peter				
Cook	Hawthorne Jim				
Kitchen Hand	lwisaki Masako				
Supply Driver	James David				
Supply Driver	Whyte Murray				
Camp Staff					
Observer	Carry Joel				
Observer	Helme Nik				
Observer	Welsh Lisa				
Cable Repair	Grainger Noel				
Cable Repair	Fadian Scott				
Cable Repair	Joyce John				
Te	chnical				
Vib Op	Samios Luke				
Vib Op	Archer Warren				
Vib Op	Feildheim Simon				
Vib Op	Keats David				
Vib Op	Coward Julie				
Vib Op	Joyce John				
Vib Op	Robinson Tim				
Vibra	ator Crew				
Vib Tech	Rauckman Stuart				
Vib Tech	Garden Robert				
Vib Tech					
Line Boss	Hutchison Tony				
Line Boss	Kingston Dean				
Sr	nr Line				

POSITION	NAMES				
T/Shooter	Kingston Dean				
T/Shooter	Post James				
T/Shooter	Bann Megan				
Trouble 9	Shooters				
Line Crew	Coward Julie				
Line Crew	Bann Megan				
Line Crew	Bell Thomas				
Line Crew	Buttimore Jessica				
Line Crew	Cameron Adam				
Line Crew	Cathie Jaron				
Line Crew	Collier Natasha				
Line Crew	Conciatore Michal				
Line Crew	Crichton Ben				
Line Crew	Eagles Jason				
Line Crew	Fowler Karen				
Line Crew	Gange Ben				
Line Crew	Gillam Keir				
Line Crew	Haskal Nicholas				
Line Crew	Henry Brenton				
Line Crew	Hubbard Wayne				
Line Crew	Itzstein Derek				
Line Crew	King Jodie				
Line Crew	Kira Tracey				
Line Crew	Lea Amanda				
Line Crew	Maher Josh				
Line Crew	Mallory Sherry				
Line Crew	Mitchell Madeline				
Line Crew	Mueller David				
Line Crew	Mutu Michael				
Line Crew	Ngatai Bryan				
Line Crew	O'Dea Tracey				
Line Crew	Spring Rebecca				
Line Crew	Terry Neil				
Line Crew	Weston Heather				
Line Crew	Whitta Shane				
Line Crew	Williams Andrew				
Line Crew	Wright Mark				
Line Crew	Wulff Joanne				
Line Crew					



# **PERSONNEL – CREW NUMBERS**

POSITION	NUMBERS
Client Representative	1
Crew Manager	2
HSE	3
Mechanic	2
Campy	3
Cook	3
Kitchen Hand	1
Supply Driver	1
Observer	3
Cable Repair	3
Vib Op	7
Vib Tech	2
Line Boss	2
T / Shooter	3
Line Crew	34



# **APPENDIX G**

# **DAILY REPORTS**



Texalta 2D

Georgina Basin Seismic S

ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Cloudy/Cool

DATE: Tuesday, 2 June 2009

PRODUCTION

 Line
 Stn
 Stn
 Total Stns
 Kms.
 Skips
 Vp's

 TEX09-02
 3132
 3342
 211
 5.275
 0
 211

VP's: 211
Skips: 0
Lin.Kms: 5.2750

**Daily Totals** 

Texalta 2D Completed

**Cumulative Totals** 

Cum. VP's: 8668 Cum.Lin.Kms: 235.100

Lin.Kms.Remaining: 0.000

Total Hrs (Job):

304.2

% Completed: #####

Average Daily Production Linear Kms: 12.374

Estimated Completion Date: Wednesday, 3 June 2009

HOURS

Down Time -Standby Time -**Daily Totals** Working Time -Recording: Human Error: Toolbox/Safety Meeting: Working Time: 2.8 2.3 0.3 Standby Time: Requested Experimental: Troubleshooting: Induction: 0.3 Recorder Moveup: Recorder: Weather: Down Time: 0.2 Change Sweeps: Vibes: 0.2 Spread Damage: Non-Charge Time: 5.2 Detour: WOS: **Total Day Hrs:** 8.5 Other -Line Move: Other: Mobilisation: Prospect Move: Non-Charge Time -**Cumulative Totals** Other: Travel Time: 5 Spread Layout/Pickup: Working Time(Job): 191.0 Camp move: Standby Time(Job): Instrument Tests\Morning QC: 0.2 8.1 Other: Down Time(Job): 3.1 Recorder Moveup: Non-Charge Time(Job): 102.0

Spread Movement

COMMENTS:	

\*Client Rep to the field.

\*Texalta 2D survey complete finish recording 12:42pm.

 $\ensuremath{^\star\text{Crew}}$  continued picking up spread vibes started the long walk back to camp.

\*The crew have done a outstanding job couldn't ask anymore.

\*Down time :

Terrex Contracting Personnel #'s 2

Total Crew #'s:37 Line Crew #'s:20 Vehicle #'s:15

Client: Texalta 2D				Date:	Tueso	lay, 2 June 20	009
	Layo	ut		Pick	up		
Line	Stat	on #	Tot	Line	Stati	ion #	Tot
TEX09-02			0	TEX09-02	2977	3342	366
Tota	al Stations :	0		Tot	al Stations:	366	
Equipment	Report	Bad	Phones:	•		Bad Cable:	0

Client Rep



Texalta 2D

Georgina Basin Seismic S

ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Cloudy/Cool

DATE: Monday, 1 June 2009

PRODUCTION

Skips Line Stn Stn **Total Stns** Vp's Kms. TEX09-02 2611 3131 521 13.025 0 521

VP's: Skips: Lin.Kms: 13.0250

**Daily Totals** 

521

**Cumulative Totals** 

Cum. VP's: 8194 Cum.Lin.Kms: 229.825

Lin.Kms.Remaining: 5.275

% Completed: 97.76%

Average Daily Production Linear Kms: 12.768

Estimated Completion Date: Tuesday, 2 June 2009

HOURS

Down Time -Standby Time -**Daily Totals** Working Time -Recording: Human Error: Toolbox/Safety Meeting: Working Time: 7.9 0.3 8.6 Standby Time: Requested Experimental: Troubleshooting: Induction: 0.3 Recorder Moveup: Recorder: Weather: Down Time: 0.0 Change Sweeps: Vibes: Spread Damage: Non-Charge Time: 2.9 Total Day Hrs: 11.8

Detour: WOS: Other -Line Move: Other:

Mobilisation: Prospect Move: Non-Charge Time -**Cumulative Totals** 

Spread Movement

Other: 2.7 Spread Layout/Pickup: Working Time(Job): 188.2 Travel Time: Standby Time(Job): Instrument Tests\Morning QC: 0.2 Camp move: 7.8

Other:

Recorder Moveup:

Down Time(Job): 2.9

Non-Charge Time(Job): 96.8

Total Hrs (Job): 295.7

COMMENTS:

\*Crew manager to Argadargada Homestead see if we can you there loading ramp an able to walk the vibes up to the homestead.

\*HSE to the field.

\*Still on track to finish recording on Tuesday 2-6-09.

\*Down time :

Terrex Contracting Personnel #'s 2

Total Crew #'s:37 Line Crew #'s:20 Vehicle #'s:15

Client: Texalta 2D Date: Monday, 1 June 2009 Layout Pickup Station # Station # Line Tot Line Tot TEX09-02 TEX09-02 2538 2976 439 2017 2496 480 Total Stations 439 Total Stations: 480

**Equipment Report** Bad Phones: Bad Cable: 0 3

Crew Manager Client Rep



Texalta 2D

Georgina Basin Seismic S

ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Sunday, 31 May 2009

PRODUCTION

**Daily Totals** Line Stn Stn **Total Stns** Kms. Skips Vp's TEX09-02 2137 2610 474 11.85 0 474

Skips: Lin.Kms: 11.8500

474

VP's:

**Cumulative Totals** 

Cum. VP's: 7642 Cum.Lin.Kms: 216.800

Lin.Kms.Remaining: 18.300

% Completed: 92.22%

Average Daily Production Linear Kms: 12.753

Estimated Completion Date: Tuesday, 2 June 2009

HOURS

Down Time -Standby Time -**Daily Totals** Working Time -Recording: Human Error: Toolbox/Safety Meeting: Working Time: 7.7 0.3 8.0 Requested Experimental: Standby Time: Troubleshooting: Induction: 0.3 Recorder Moveup: 0.3 Recorder: Weather: Down Time: 0.0 Change Sweeps: Vibes: Spread Damage: Non-Charge Time: 3.0 Detour: WOS: Total Day Hrs: 11.3

Other -Line Move: Other:

Mobilisation: Prospect Move: Non-Charge Time -**Cumulative Totals** 

Other: Travel Time: 2.7 Spread Layout/Pickup: Working Time(Job): 179.6 Campmove: Standby Time(Job): Instrument Tests\Morning QC: 0.3 7.5

Other:

Recorder Moveup:

Down Time(Job): 2.9

Non-Charge Time(Job): 93.9 Total Hrs (Job): 283.9

COMMENTS:

\*7:00am toolbox crew manager access wet conditions acceptable crew went to work.

\*Crew manager to the field.

\*HSE to the field.

\*Client Rep to the field.

Spread Movement Client: Texalta 2D

Oliana.	TU. 00			Data		0414 04	
Client:	Texalta 2D	)		Date:	Sunda	ay, 31 May 20	J09
	Layo	ut			Pick	up	
Line	Stat	on #	Tot	Line	Stat	ion #	Tot
TEX09-02	2538	2976	439	TEX09-02	2017	2496	480
Tota	al Stations :	439	-	Tot	al Stations:	480	

\*Down time :

Terrex Contracting Personnel #'s 2

Total Crew #'s:36 Line Crew #'s:19 Vehicle #'s:15 **Equipment Report** 

Bad Phones:

Bad Cable: 0 3

Crew Manager

Client Rep



ерогі

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Saturday, 30 May 2009

**CREW 402** 

Client..... Survey Name. Area..... State.....

Georgina Basin Seismic S ATP 103-104

NT

Texalta 2D

PRODUCTION

Line	Stn	Stn	Total Stns	Kms.	Skips	Vp's	<u>Daily T</u>	<u>otals</u>
TEX09-02	1585	2136	552	13.8	0	552	VP's:	552
							Skips:	0
							Lin.Kms:	13.8000

**Cumulative Totals** 

Cum. VP's: 7642 Cum.Lin.Kms: 204.950

Lin.Kms.Remaining: 30.150

% Completed: 87.18%

Total Hrs (Job): 272.6

Average Daily Production Linear Kms: 12.809

Estimated Completion Date: Tuesday, 2 June 2009

Working Time -		Down Time -		Standby Time -		Daily To	tals
Recording:	8.5	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	9.3
Requested Experimental:		Troubleshooting:		Induction:		Standby Time:	0.3
Recorder Moveup:	0.7	Recorder:		Weather:		Down Time:	0.0
Change Sweeps:	0.1	Vibes:		Spread Damage:		Non-Charge Time:	2.1
Detour:		WOS:				Total Day Hrs:	11.7
Line Move:		Other:		Other -			
Prospect Move:		Non-Charge Time -		Mobilisation:		<u>Cumulative</u>	<b>Totals</b>
Other:		Travel Time:	2	Spread Layout/Pickup:		Working Time(Job):	171.6
		Instrument Tests\Morning QC:	0.1	Campmove:		Standby Time(Job):	7.2
		Other:				Down Time(Job):	2.9
		Recorder Moveup:				Non-Charge Time(Job):	90.9

Spread Movement

COMMENTS:	

\*Crew manager to look at access to first camp set up for GA 2D .

\*HSE to the field.

\*Some late afternoon rain fall will assess in the morning.

\*Matt T back from Mt Isa with supply's crew change 4in .

\*The bull dust, wheel ruts are deep in places, very slow which is going to be the main factor on production km's each day.

\*Down time :

Vibe down time due to radio problems

Terrex Contracting Personnel #'s 2

Total Crew #'s:36 Line Crew #'s:19 Vehicle #'s:15 Equipment Report E

Client:	Texalta 2D	)	Date:	Saturo	lay, 30 May 2	009			
	Layo	ut		Pickup					
Line	Station # Tot			Line	Stat	Tot			
TEX09-02	1937	2537	601	TEX09-02	1497	2016	520		
Total Stations : 601			Tot	al Stations:	520				
Equipment Report Bad Phones:				2		Bad Cable:	0		

Client Rep



Texalta 2D

Georgina Basin Seismic S

ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Friday, 29 May 2009

PRODUCTION

Skips Line Stn Stn **Total Stns** Vp's Kms. TEX09-02 1066 1584 519 12.975 0 519

VP's: 519 Skips: Lin.Kms: 12.9750

**Daily Totals** 

**Cumulative Totals** 

Cum. VP's: 7642 Cum.Lin.Kms: 191.150

Lin.Kms.Remaining: 43.950

% Completed: 81.31%

Average Daily Production Linear Kms: 12.743

Estimated Completion Date: Tuesday, 2 June 2009

HOURS

Down Time -Standby Time -**Daily Totals** Working Time -Recording: Human Error: Toolbox/Safety Meeting: Working Time: 7.9 0.3 9.2 Standby Time: Requested Experimental: Troubleshooting: Induction: 0.3 Recorder Moveup: Recorder: Weather: Down Time: 0.2 Change Sweeps: Vibes: 0.2 Spread Damage: Non-Charge Time: 1.9

Detour: WOS: Other -Line Move: Other:

Mobilisation: Prospect Move: Non-Charge Time -**Cumulative Totals** Other: Spread Layout/Pickup: Working Time(Job): 162.3 Travel Time: 1.8

Spread Movement

Campmove: Standby Time(Job): Instrument Tests\Morning QC: 6.9 Down Time(Job): 2.9

Other: Recorder Moveup: Non-Charge Time(Job):

88.8 Total Hrs (Job): 260.9

Total Day Hrs:

11.6

COMMENTS:

\*Crew manager to the field.

\*HSE to the field.

\*Client Rep to the field.

\*Matt T to Mt Isa rubbish disposal and supply pick up.

\*The bull dust, wheel ruts are deep in places, very slow which is going to be the main factor on production km's each day.

Down time :

Vibe down time due to radio problems

Terrex Contracting Personnel #'s 2

Total Crew #'s:36 Line Crew #'s:19 Vehicle #'s:15

Client: Texalta 2D Date: Friday, 29 May 2009 Pickup Layout Station # Line Station # Tot Line Tot TEX09-02 1500 1936 437 TEX09-02 977 1496 520 Total Stations 437 Total Stations: 520 **Equipment Report** Bad Phones: Bad Cable: 0

0

Crew Manager Client Rep



Texalta 2D Georgina Basin Seismic Survey

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NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Thursday, 28 May 2009

PRODUCTION

Line Total Stns Vp's **Daily Totals** Stn Stn Kms. Skips TEX09-02 500 1065 565 14.125 566 VP's: 566 Skips: 0 Lin.Kms: 14.1250

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 178.175

Lin.Kms.Remaining: 56.925

% Completed: 75.79%

Average Daily Production Linear Kms: 12.727

Estimated Completion Date: Tuesday, 2 June 2009

HOURS

<u>u</u>							
Working Time -		Down Time -		Standby Time -		Daily To	<u>otals</u>
Recording:	8.0	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	9.9
Requested Experimental:		Troubleshooting:		Induction:		Standby Time:	0.3
Recorder Moveup:	1.0	Recorder:		Weather:		Down Time:	0.0
Change Sweeps:	0.1	Vibes:		Spread Damage:		Non-Charge Time:	1.5
Detour:		WOS:				Total Day Hrs:	11.7
Line Move:	0.8	Other:		Other -		Total Day Charge:	10.2
Prospect Move:		Non-Charge Time -		Mobilisation:		<u>Cumulative</u>	e Totals
Other:		Travel Time:	1.3	Spread Layout/Pickup:		Working Time(Job):	153.1
		Instrument Tests\Morning QC:	0.2	Campmove:		Standby Time(Job):	6.6
		Other:				Down Time(Job):	2.7
		Recorder Moveup:				Non-Charge Time(Job):	86.9

Spread Movement

Moveup: Non-Charge Time(Job): 86.9

Total Hrs (Job): 249.3

COMMENTS:

\*Crew manager to the field.

\*Client Rep to the field.

\*Shane Goosens back from Mt Isa with 3crew members & stores.

\*The bull dust, wheel ruts are deep in places very slow which is going to be the main factor on production km's each day.

\*Down time :

Terrex Contracting Personal #'s 2

Crew Manager

Total Crew #'s:36 Line Crew #'s:20 Vehicle #'s:15 Equipment Report Bad Phones:

Client	Date:	I	hursday, 28 M	lay 2009			
	Pickup						
Line	Stati	ion #	Tot	Line	(	Station #	Tot
TEX09-02	907	1499	593	TEX09-03	475	414	62
				Tex09-02	500	976	477
Tot	593		Total Sta	tions:	539		
<b>Equipment Report</b>		Bad	Phones:	2		Bad Cable:	

Client Rep



Party Manager: Warren Campbell

Client......
Survey Name.
Area.....
State.....

Texalta 2D Georgina Basin Seismic Survey

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Client Rep: Kent Honner Weather: Fine\Cool

DATE: Wednesday, 27 May 2009

**CREW 402** 

PRODUCTION

 Line
 Stn
 Stn
 Total Stns
 Kms.
 Skips
 Vp's

 TEX09-03
 1069
 414
 656
 16.4
 0
 656

Skips: 0 Lin.Kms: 16.4000

656

**Daily Totals** 

VP's:

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 164.050

Lin.Kms.Remaining: 71.050

% Completed: 69.78%

Average Daily Production Linear Kms: 12.619

Estimated Completion Date: Tuesday, 2 June 2009

HOURS

Down Time -Working Time -Standby Time -**Daily Totals** Recording: 9.0 Human Error: Toolbox/Safety Meeting: Working Time: 10.0 Requested Experimental: Troubleshooting: Induction: Standby Time: 0.3 Weather: Recorder Moveup: 0.9 Recorder: Down Time: 0.0 Change Sweeps: Vibes: Spread Damage: Non-Charge Time: 0.1 1.4 Detour: WOS: Total Day Hrs: 11.7 Line Move: Other: Other -Total Day Charge: 10.3 **Cumulative Totals** Prospect Move: Non-Charge Time -Mobilisation: Travel Time: Spread Layout/Pickup: Other: 12 Working Time(Job): 144.2 Instrument Tests\Morning QC: Standby Time(Job): 0.1 Campmove: 6.3 Other: 0.1 Down Time(Job): 2.7

Spread Movement

Recorder Moveup: Non-Charge Time(Job): 84.4

Total Hrs (Job): 237.6

COMMENTS:

\*Crew manager to the field.

\*HSE to the field.

\*Client Rep to the field.

\*Shane Goosens to Mt Isa pick up 3crew members/stores.

\*Line TEX09-03 completed.

\*The bull dust, wheel ruts are deep in places very slow which

is going to be the main factor on production km's each day.

\*Down time :

Terrex Contracting Personal #'s 2

Total Crew #'s:36 Line Crew #'s:20 Vehicle #'s:15

Crew Manager

Client:	Texalta 20	Date: Wednesday, 27 May 2009					
	Pickup						
Line	Stati	ion #	Tot	Line	(	Station #	Tot
TEX09-03	636	414	223	TEX09-03	1136	476	661
TEX09-02	500	906	407				
Tota	630		Total Sta	tions:	661		
Equipment Report	Bad	Phones:	3		Bad Cable:		

Client Rep



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**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Tuesday, 26 May 2009

Line	Stn	Stn	Total Stns	Kms.	Skips	Vp's	<u>Daily T</u>	<u>otals</u>
TEX09-03	1601	1070	532	13.3	0	532	VP's:	532
							Skips:	0
							Lin.Kms:	13.3000

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 147.650

Lin.Kms.Remaining: 87.450

% Completed: 62.80% Average Daily Production Linear Kms: 12.304

Estimated Completion Date: Wednesday, 3 June 2009

# HOURS

COMMENTS:

<u>JURS</u>							
Working Time -		Down Time -		Standby Time -		Daily To	<u>otals</u>
Recording:	8.1	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	9.5
Requested Experimental:		Troubleshooting:		Induction:		Standby Time:	0.3
Recorder Moveup:	1.3	Recorder:		Weather:		Down Time:	0.2
Change Sweeps:	0.1	Vibes:	0.2	Spread Damage:		Non-Charge Time:	1.9
Detour:		WOS:				Total Day Hrs:	11.9
Line Move:		Other:		Other -		Total Day Charge:	9.8
Prospect Move:		Non-Charge Time -		Mobilisation:		Cumulative	e Totals
Other:		Travel Time:	1.8	Spread Layout/Pickup:		Working Time(Job):	135.1
		Instrument Tests\Morning QC:	0.1	Campmove:		Standby Time(Job):	6.0
		Other:				Down Time(Job):	2.7
		Recorder Moveup:				Non-Charge Time(Job):	82.1
						Total Hrs (Job):	225.9

Spread Movement

	Client:	Date: Tuesday, 26 May 20			ay 2009				
*Crew manager to the field.		Layout				Pickup			
*HSE to the field.	Line	Stati	on #	Tot	Line	5	Station #	Tot	
*Water run x2.	TEX09-03	1196	637	560	TEX09-03	1696	1137	560	
*The bull dust, wheel ruts are deep in places very slow which									
is going to be the main factor on production km's each day.									
*Down time : Reset Instruments.									
Torroy Contracting Personal #15.2									
Terrex Contracting Personal #'s 2	Tota	560		Total Sta	tions:	560			
Total Crew #'s:36 Line Crew #'s:20 Vehicle #'s:15	Equipment Report		Phones:	3		Bad Cable:			
	Equipment report Survivors Survivors Survivors								

Crew Manager Client Rep



Texalta 2D Georgina Basin Seismic Survey

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**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Monday, 25 May 2009

PRODUCTION

Line Stn Total Stns Skips Vp's **Daily Totals** Stn Kms. TEX09-03 2093 1602 492 12.3 492 VP's: 492 Skips: 0 Lin.Kms: 12.3000

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 134.350 Lin.Kms.Remaining: 100.750

% Completed: 57.15%

Total Hrs (Job):

214.7

Average Daily Production Linear Kms: 12.214

Estimated Completion Date: Wednesday, 3 June 2009

HOURS

<u>RS</u>							
Working Time -		Down Time -		Standby Time -		Daily To	<u>otals</u>
Recording:	7.7	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	9.1
Requested Experimental:		Troubleshooting:		Induction:		Standby Time:	0.3
Recorder Moveup:	1.3	Recorder:		Weather:		Down Time:	0.2
Change Sweeps:	0.1	Vibes:	0.2	Spread Damage:		Non-Charge Time:	1.9
Detour:		WOS:				Total Day Hrs:	11.5
Line Move:		Other:		Other -		Total Day Charge:	9.4
Prospect Move:		Non-Charge Time -		Mobilisation:		Cumulative	e Totals
Other:		Travel Time:	1.8	Spread Layout/Pickup:		Working Time(Job):	127.0
		Instrument Tests\Morning QC:	0.1	Campmove:		Standby Time(Job):	5.7
		Other:				Down Time(Job):	2.6
		Recorder Moveup:				Non-Charge Time(Job):	79.4

COMMENTS:
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\*Crew manager to the field.

\*Client Rep to the field.

\*Crew change Mt Isa 7in.

\*Supply driver return from Mt Isa .

\*The bull dust, wheel ruts are deep in places very slow which is going to be the main factor on production km's each day.

\*Down time : Reset Instruments / reshoot no pegs.

Crew Manager

Terrex Contracting Personal #'s 2

Total Crew #'s:31 Line Crew #'s:16 Vehicle #'s:15

Spread Movement							
Client	Client: Texalta 2D					Monday, 25 Ma	ay 2009
Layout				Pickup			
Line	Stati	ion #	Tot	Line	(	Station #	Tot
TEX09-03	1776	1197	580	TEX09-03	2176	1697	480
Tot	tal Stations :	580		Total Sta	tions:	480	
Equipment Report		Bad	Phones:	4		Bad Cable:	

Client Rep



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**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Sunday, 24 May 2009

Line	Stn	Stn	<b>Total Stns</b>	Kms.	Skips	Vp's	<u>Daily To</u>	<u>otals</u>
TEX09-03	2516	2094	423	10.575	0	423	VP's:	423
							Skips:	0
							Lin.Kms:	10.5750

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 122.050

Lin.Kms.Remaining: 113.050 % Completed: 51.91%

Average Daily Production Linear Kms: 12.205

Total Hrs (Job):

203.2

Estimated Completion Date: Wednesday, 3 June 2009

HOURS

COMMENTS:

<u>RS</u>							
Working Time -		Down Time -		Standby Time -		Daily To	<u>stals</u>
Recording:	6.2	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	8.2
Requested Experimental:		Troubleshooting:		Induction:		Standby Time:	0.3
Recorder Moveup:	1.9	Recorder:		Weather:		Down Time:	0.0
Vibrator Moveup:		Vibes:		Spread Damage:		Non-Charge Time:	3.5
Detour:	0.1	WOS:				Total Day Hrs:	12.0
Line Move:		Other:		Other -		Total Day Charge:	8.5
Prospect Move:		Non-Charge Time -		Mobilisation:		Cumulative	2 Totals
Other:		Travel Time:	3.2	Spread Layout/Pickup:		Working Time(Job):	119.2
		Instrument Tests\Morning QC:	0.2	Campmove:		Standby Time(Job):	5.4
		Other:	0.1			Down Time(Job):	2.4
		Recorder Moveup:				Non-Charge Time(Job):	76.2

Spread Movement

	Client:	Client: Texalta 2D				Date: Sunday, 24 May 2009		ay 2009
		Layout			Pickup			
*Client Rep to the field.	Line	Stati	on #	Tot	Line	S	tation #	Tot
*Crew change Mt Isa 5out.	TEX09-03	2216	1777	440	TEX09-03	2639	2177	463
*Supply driver to Mt Isa overnight pick up supplies.			l İ					
*The bull dust, wheel ruts are deep in places very slow which			l İ					
is going to be the main factor on production km's each day.								
*Down time :								
Terrex Contracting Personal #'s 2								
	Tota	al Stations :	440		Total Sta	tions:	463	
Total Crew #'s:31 Line Crew #'s:16 Vehicle #'s:15	<b>Equipment Report</b>		Bad	Phones:		•	Bad Cable:	

 Crew Manager
 Client Rep



Texalta 2D Georgina Basin Seismic Survey

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**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Saturday, 23 May 2009

		ION

Line	Stn	Stn	Total Stns	Kms.	Skips	Vp's	Daily T	otals
TEX09-03			0	0	0	0	VP's:	0
							Skips:	0
							Lin.Kms:	0.0000

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 111.475

Lin.Kms.Remaining: 119.525 % Completed: 48.26%

Average Daily Production Linear Kms: 12.386

Estimated Completion Date: Tuesday, 2 June 2009

HOURS

<u>RS</u>					
Working Time -	Down Time -	Standby Time -		Daily To	<u>otals</u>
Recording:	Human Error:	Toolbox/Safety Meeting:	0.3	Working Time:	0.0
Requested Experimental:	Troubleshooting:	Induction:		Standby Time:	0.3
Recorder Moveup:	Recorder:	Weather:		Down Time:	0.0
Vibrator Moveup:	Vibes:	Spread Damage:		Non-Charge Time:	0.0
Detour:	WOS:			Total Day Hrs:	10.3
Line Move:	Other:	Other -		Total Day Charge:	0.3
Prospect Move:	Non-Charge Time -	Mobilisation:		Cumulative	e Totals
Other:	Travel Time:	Spread Layout/Pickup:		Working Time(Job):	112.9
	Instrument Tests\Morning QC:	Campmove:	10.0	Standby Time(Job):	5.1
	Other:			Down Time(Job):	2.3
	Recorder Moveup:			Non-Charge Time(Job):	70.9
				Total Hrs (Job):	191.2

COMMENTS:	Spread Movement						
	Client:	Client: Texalta 2D				Saturday, 23 I	May 2009
Toolbox packed up road side camp refuelled on the road 8:00am.		Layout				Pickup	
After 800km's we arrived camp3 1:30pm set up main camp 4:30pm	Line	Station	n# -	Tot	Line	Station #	Tot
/ery good camp move by everyone few flat tyres excellent.	TEX09-03			0	TEX09-03		0
Supply driver load of water.							
Down time :							
Terrex Contracting Personal #'s 2	Tota	al Stations :	0		Total Station	s: 0	_
otal Crew #'s:36 Line Crew #'s:19 Vehicle #'s:15	Equipment Report		Bad Pho	ones:		Bad Cable	:

Crew Manager Client Rep



Texalta 2D Georgina Basin Seismic Survey

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**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Friday, 22 May 2009

ΡR	OD	11	CT	10	M

Line	Stn	Stn	Total Stns	Kms.	Skips	Vp's	Daily T	<u>otals</u>
TEX09-03			0	0	0	0	VP's:	0
							Skips:	0
							Lin.Kms:	0.0000

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 111.475

Lin.Kms.Remaining: 119.525

% Completed: 48.26%

Average Daily Production Linear Kms: 12.386

Estimated Completion Date: Monday, 1 June 2009

Client Rep

HOURS

Working Time -	Down Time -	Standby Time -		Daily To	otals
Recording:	Human Error:	Toolbox/Safety Meeting:	0.3	Working Time:	0.0
uested Experimental:	Troubleshooting:	Induction:		Standby Time:	0.3
Recorder Moveup:	Recorder:	Weather:		Down Time:	0.0
Vibrator Moveup:	Vibes:	Spread Damage:		Non-Charge Time:	0.0
Detour:	WOS:			Total Day Hrs:	10.3
Line Move:	Other:	Other -		Total Day Charge:	0.3
Prospect Move:	Non-Charge Time -	Mobilisation:		Cumulative	e Totals
Other:	Travel Time:	Spread Layout/Pickup:		Working Time(Job):	112.9
	Instrument Tests\Morning QC:	Campmove:	10.0	Standby Time(Job):	4.8
	Other:			Down Time(Job):	2.3
	Recorder Moveup:			Non-Charge Time(Job):	60.9
				Total Hrs (Job):	180.9

COMMENTS:	Spread Movement						
	Client	: Texalta 2D			Date:	Friday, 22 M	ay 2009
*Toolbox packed up raod side camp refuelled on the road 8:00am.		Layout				Pickup	
	Line	Statio	n#	Tot	Line	Station #	Tot
Stopped made road side camp 4:30-5:45pm.	TEX09-03			0	TEX09-03		0
Three flate tyres.							
Down time :							
Terrex Contracting Personal #'s 2							
	Tot	al Stations :	0		Total Station	ns: 0	
Total Crew #'s:36 Line Crew #'s:19 Vehicle #'s:15	Equipment Report	•	Bad	Phones:		Bad Cable	:



Texalta 2D Georgina Basin Seismic Survey

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**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Thursday, 21 May 2009

Line	Stn	Stn	Total Stns	Kms.	Skips	Vp's	<u>Daily T</u>	<u>otals</u>
TEX09-03			0	0	0	0	VP's:	0
							Skips:	0
							Lin.Kms:	0.0000

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 111.475

Lin.Kms.Remaining: 119.525

% Completed: 48.26%

Average Daily Production Linear Kms: 12.386
Estimated Completion Date: Sunday, 31 May 2009

Client Rep

HOURS

<u>RS</u>					
Working Time -	Down Time -	Standby Time -		Daily To	<u>otals</u>
Recording:	Human Error:	Toolbox/Safety Meeting:	0.3	Working Time:	0.0
Requested Experimental:	Troubleshooting:	Induction:		Standby Time:	0.3
Recorder Moveup:	Recorder:	Weather:		Down Time:	0.0
Vibrator Moveup:	Vibes:	Spread Damage:		Non-Charge Time:	0.0
Detour:	WOS:			Total Day Hrs:	10.3
Line Move:	Other:	Other -		Total Day Charge:	0.3
Prospect Move:	Non-Charge Time -	Mobilisation:		Cumulative	e Totals
Other:	Travel Time:	Spread Layout/Pickup:		Working Time(Job):	112.9
	Instrument Tests\Morning QC:	Campmove:	10.0	Standby Time(Job):	4.5
	Other:			Down Time(Job):	2.3
	Recorder Moveup:			Non-Charge Time(Job):	50.9
				Total Hrs (Job):	170.6

COMMENTS:	Spread Movement						
	Client:	Texalta 2D			Date:	Thursday, 21	May 2009
*Toolbox packed up main camp on the road 9:30am.		Layout				Pickup	
*Stopped made road side camp 5:15-6:30pm.	Line	Statio	n#	Tot	Line	Station #	Tot
	TEX09-03			0	TEX09-03		0
*Down time :							
Terrex Contracting Personal #'s 2							
	Tota	al Stations :	0		Total Station	is: 0	
Total Crew #'s:36 Line Crew #'s:19 Vehicle #'s:15	Equipment Report		Bad	Phones:	·	Bad Cable	:



Texalta 2D Georgina Basin Seismic Survey

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**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Wednesday, 20 May 2009

PRODI	ICTION

Line	Stn	Stn	Total Stns	Kms.	Skips	Vp's	<u>Daily Totals</u>	
TEX09-03	2952	2517	436	10.9	0	436	VP's: 436	
							Skips: 0	
							Lin Kms: 10 900	n

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 111.475

Lin.Kms.Remaining: 119.525

% Completed: 48.26%

Average Daily Production Linear Kms: 12.386 Estimated Completion Date: Saturday, 30 May 2009

Client Rep

### HOURS

<u>KS</u>							
Working Time -		Down Time -		Standby Time -		Daily To	<u>otals</u>
Recording:	6.2	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	6.9
Requested Experimental:		Troubleshooting:		Induction:		Standby Time:	0.3
Recorder Moveup:	0.6	Recorder:		Weather:		Down Time:	0.1
Vibrator Moveup:		Vibes:	0.1	Spread Damage:		Non-Charge Time:	4.2
Detour:	0.1	WOS:				Total Day Hrs:	11.5
Line Move:		Other:		Other -		Total Day Charge:	7.2
Prospect Move:		Non-Charge Time -		Mobilisation:		<u>Cumulative</u>	<u>Totals</u>
Other:		Travel Time:	4.2	Spread Layout/Pickup:		Working Time(Job):	112.9
		Instrument Tests\Morning QC:		Crew Demobe/Remobe:		Standby Time(Job):	4.2
		Other:				Down Time(Job):	2.3
		Recorder Moveup:				Non-Charge Time(Job):	40.9
						Total Hrs (Job):	160.3

COMMENTS:	Spread Movement							
	Clien	t: Texalta 20	)		Date:	: We	ednesday, 20	May 2009
		Layout					Pickup	
	Line	Stati	ion #	Tot	Line	5	Station #	Tot
*HSE & crew change 6out-5in from Tobermorey air strip.	TEX09-03	2601	2217	385	TEX09-03	3031	2640	392
*Crew are working very well considering the condition the line.								
* Travel time to camp increasing .								
*The bull dust, wheel ruts are deep in places very slow which								
is going to be the main factor on production km's each day.								
*Camp move Thursday .								
*Down time: 0.1vibe ops to do vibe walk around inspection.								
Terrex Contracting Personal #'s 2								
	То	tal Stations :	385		Total Sta	ations:	392	
Total Crew #'s:36 Line Crew #'s:19 Vehicle #'s:15	Equipment Report	i	Bad	Phones			Bad Cable:	



Texalta 2D Georgina Basin Seismic Survey

ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Tuesday, 19 May 2009

PRODI	ICTION

Line	Stn	Stn	<b>Total Stns</b>	Kms.	Skips	Vp's	<u>Daily To</u>	<b>Daily Totals</b>	
TEX09-03	3364	2953	412	10.3	0	412	VP's:	412	
							Skips:	0	
							Lin.Kms:	10.3000	

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 100.575

Lin.Kms.Remaining: 130.425

Tuesday, 19 May 2009

Tot

401

1

Pickup

Station #

3032

401

Bad Cable:

3432

% Completed: 43.54%

Average Daily Production Linear Kms: 12.572

Estimated Completion Date: Saturday, 30 May 2009

Date:

**Total Stations:** 

Line

TEX09-03

Tot

376

#### HOURS

KS							
Working Time -		Down Time -	Standby Time -		<u>Daily Totals</u>		
Recording:	6.1	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	7.7
Requested Experimental:		Troubleshooting:		Induction:		Standby Time:	0.3
Recorder Moveup:	1.6	Recorder:		Weather:		Down Time:	0.1
Vibrator Moveup:		Vibes:	0.1	Spread Damage:		Non-Charge Time:	3.3
Detour:		WOS:				Total Day Hrs:	11.4
Line Move:		Other:		Other -		Total Day Charge:	8.0
Prospect Move:		Non-Charge Time -		Mobilisation:		Cumulative	e Totals
Other:		Travel Time:	3.2	Spread Layout/Pickup:		Working Time(Job):	106.6
		Instrument Tests\Morning QC:	0.1	Crew Demobe/Remobe:		Standby Time(Job):	3.9
		Other:				Down Time(Job):	2.2
		Recorder Moveup:				Non-Charge Time(Job):	36.1
						Total Hrs (Job):	148.8

Spread Movement

Line

TEX09-03

Client: Texalta 2D

Layout

2976

Total Stations :

Station #

2601

376

\*Crew manager to the field.

\*Client Rep to the field.

\*HSE to the field.

\*Crew are working very well considering the condition the line.

\* Travel time to camp increasing .

\*The bull dust, wheel ruts are deep in places very slow which

is going to be the main factor on production km's each day.

\*Camp move Thursday .

\*Down time : 0.1 reshoot.

Terrex Contracting Personal #'s 2

Total Crew #'s:36	Line Crew #'s:19	Vehicle #'s:15	Equipment Report	Bad Phones:	1	
Crew M	lanager				Client Rep	



Texalta 2D Georgina Basin Seismic Survey

ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Monday, 18 May 2009

PRODUCTION

Total Stns Vp's **Daily Totals** Line Stn Stn Skips Kms. TEX09-03 3930 3365 566 14.15 566 VP's: 566 Skips: 0 Lin.Kms: 14.1500

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 90.275

Lin.Kms.Remaining: 133.725

Total Hrs (Job):

Monday, 18 May 2009

137.4

% Completed: 40.30%

Average Daily Production Linear Kms: 12.896
Estimated Completion Date: Friday, 29 May 2009

Date:

HOURS

	Down Time -		Standby Time -		Daily To	<u>otals</u>
8.5	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	9.0
	Troubleshooting:		Induction:		Standby Time:	0.3
0.5	Recorder:		Weather:		Down Time:	0.4
	Vibes:	0.4	Spread Damage:		Non-Charge Time:	2.3
	WOS:				Total Day Hrs:	12.0
	Other:		Other -		Total Day Charge:	9.3
	Non-Charge Time -		Mobilisation:		<u>Cumulative</u>	<u>Totals</u>
	Travel Time:	2.2	Spread Layout/Pickup:		Working Time(Job):	100.5
	Instrument Tests\Morning QC:	0.1	Crew Demobe/Remobe:		Standby Time(Job):	3.6
	Other:				Down Time(Job):	2.1
	Recorder Moveup:				Non-Charge Time(Job):	31.2
		8.5 Human Error: Troubleshooting: 0.5 Recorder: Vibes: WOS: Other: Non-Charge Time - Travel Time: Instrument Tests\Morning QC: Other:	8.5 Human Error:	8.5 Human Error: Toolbox/Safety Meeting:  Troubleshooting: Induction:  0.5 Recorder: Weather:  Vibes: 0.4 Spread Damage:  WOS:  Other: Other:  Non-Charge Time - Mobilisation:  Travel Time: 2.2 Spread Layout/Pickup:  Instrument Tests\Morning QC: 0.1 Crew Demobe/Remobe:  Other:	8.5       Human Error:       Toolbox/Safety Meeting:       0.3         Troubleshooting:       Induction:         0.5       Recorder:       Weather:         Vibes:       0.4       Spread Damage:         WOS:         Other:       Other -         Mobilisation:         Travel Time:       2.2       Spread Layout/Pickup:         Instrument Tests\Morning QC:       0.1       Crew Demobe/Remobe:         Other:       Other:	8.5         Human Error:         Toolbox/Safety Meeting:         0.3         Working Time:           0.5         Recorder:         Weather:         Down Time:           Vibes:         0.4         Spread Damage:         Non-Charge Time:           WOS:         Total Day Hrs:         Total Day Hrs:           Other:         Other -         Total Day Charge:           Non-Charge Time -         Mobilisation:         Cumulative           Travel Time:         2.2         Spread Layout/Pickup:         Working Time(Job):           Instrument Tests\Morning QC:         0.1         Crew Demobe/Remobe:         Standby Time(Job):           Other:         Down Time(Job):         Down Time(Job):

\*Crew manager to the field.

\*Client Rep to the field.

\*Supply driver return from Mt Isa .

\*Crew are working very well considering the condition the line.

\* Travel time to camp increasing .

\*The bull dust, wheel ruts are deep in places very slow which

is going to be the main factor on production km's each day.

\*Camp move Thursday .

Total Crew #'s:36

\*Down time: 0.5 instrument problems on vibes.

Spread Movement
Client: Texalta 2D

					Pickup			
Line	Stati	on #	Tot	Line	(	Station #	Tot	
TEX09-03	3540	2977	564	TEX09-03	3975	3433	543	
Tota	l Stations :	564		Total Sta	ations:	543		
Equipment Report		Bad	Phones:	3		Bad Cable:		

Terrex Contracting Personal #'s 2

Line Crew #'s:19

Crew Manager Client Rep

Vehicle #'s:15



Texalta 2D Georgina Basin Seismic Survey

ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Sunday, 17 May 2009

Line	Stn	Stn	Total Stns	Kms.	Skips	Vp's	Daily T	<u>otals</u>
TEX09-03	4387	3931	457	11.425	0	457	VP's:	457
							Skips:	0
							l in Kms·	11 4250

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 76.125

Lin.Kms.Remaining: 147.875

Sunday, 17 May 2009

Tot

484

1

Pickup

Station #

3976

484

Bad Cable:

4459

% Completed: 33.98%

Average Daily Production Linear Kms: 12.688

Estimated Completion Date: Friday, 29 May 2009

Date:

**Total Stations:** 

Line

TEX09-03

Tot

462

HOURS

KS							
Working Time -		Down Time -		Standby Time -		Daily To	<u>otals</u>
Recording:	5.2	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	6.7
Requested Experimental:		Troubleshooting:		Induction:		Standby Time:	0.3
Recorder Moveup:	1.4	Recorder:		Weather:		Down Time:	1.5
Vibrator Moveup:		Vibes:	1.5	Spread Damage:		Non-Charge Time:	3.2
Detour:	0.1	WOS:				Total Day Hrs:	11.7
Line Move:		Other:		Other -		Total Day Charge:	7.0
Prospect Move:		Non-Charge Time -		Mobilisation:		Cumulative	<u>Totals</u>
Other:		Travel Time:	2.3	Spread Layout/Pickup:		Working Time(Job):	92.0
		Instrument Tests\Morning QC:	0.9	Crew Demobe/Remobe:		Standby Time(Job):	3.3
		Other:				Down Time(Job):	1.7
		Recorder Moveup:				Non-Charge Time(Job):	28.4
						Total Hrs (Job):	125.4

Spread Movement

Line

TEX09-03

Client: Texalta 2D

Layout

4002

**Total Stations:** 

Station #

3541

462

0	M	M	E	N	Ţ	S	:

- \*Crew manager to the field.
- \*HSE to the field.
- \*Supply driver drop Jodie of in Mt Isa overnight bring back supplies Monday.
- \*Crew are working very well considering the condition the line.
- $^{\star}$  Travel time to the line getting shorter closer to camp .
- \*The bull dust, wheel ruts are deep in places very slow which
- is going to be the main factor on production km's each day.
- \*Camp move Wednesday/Thursday depending on klms/travel to camp.
- \*Down time : 1.5 for Vibes broke rear axle / #3 vibe having some problems with hol
- \*With the axle could have been lot worse the operators doing there walk around checks saved thousands of dollars.

### Terrex Contracting Personal #'s 2

Total Crew #'s:36	Line Crew #'s:19	Vehicle #'s:15	Equipment Report	Bad Phones:	0



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Georgina Basin Seismic Survey ATP 103-104

NT

Texalta 2D

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Saturday, 16 May 2009

PRODUCTION

Line Total Stns Vp's **Daily Totals** Stn Stn Skips Kms. TEX09-03 5025 4388 638 15.95 638 VP's: 638 Skips: 0 Lin.Kms: 15.9500

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 64.700

Lin.Kms.Remaining: 159.300

Total Hrs (Job):

113.7

% Completed: 28.88%

Average Daily Production Linear Kms: 12.940

Estimated Completion Date: Friday, 29 May 2009

HOURS

<u> </u>								
Working Time -		Down Time -		Standby Time -		Daily To	<u>otals</u>	
Recording:	9.2	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	10.3	
Requested Experimental:		Troubleshooting:		Induction:		Standby Time:	0.3	
Recorder Moveup:	1.0	Recorder:		Weather:		Down Time:	0.0	
Vibrator Moveup:		Vibes:		Spread Damage:		Non-Charge Time:	1.1	
Detour:	0.1	WOS:				Total Day Hrs:	11.7	
Line Move:		Other:		Other -		Total Day Charge:	10.6	
Prospect Move:		Non-Charge Time -		Mobilisation:		Cumulative	: Totals	
Other:		Travel Time:	1	Spread Layout/Pickup:		Working Time(Job):	86.7	
		Instrument Tests\Morning QC:	0.1	Crew Demobe/Remobe:		Standby Time(Job):	3.0	
		Other:				Down Time(Job):	0.2	
		Recorder Moveup:				Non-Charge Time(Job):	23.8	

**Spread Movement** 

COL	M	M	E	N	Ľ	<u>S:</u>

\*Crew manager to the field.

\*Supply driver potable water run to Urandangi.

\*Crew are working very well considering the condition the line.

 $^{\star}$  Travel time to the line getting shorter closer to camp .

\*The bull dust, wheel ruts are deep in places very slow which

is going to be the main factor on production km's each day.

\*Down time :

Terrex Contracting Personal #'s 2

Total Crew #'s:37 Line Crew #'s:19 Vehicle #'s:15

Client: Texalta 2D				Date:	5	Saturday, 16 M	ay 2009
Layout				Pickup			
Line	Stati	on #	Tot	Line	,	Station #	Tot
TEX09-03	4610	4003	608	TEX09-03	5119	4460	660
Toto	l Stations :	608		Total Sta	tions	660	
Equipment Report	i stations :		Phones:	2	tions:	Bad Cable:	1



Texalta 2D Georgina Basin Seismic Survey

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NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Friday, 15 May 2009

PRO	DU	СТ	ION	

Line	Stn	Stn	Total Stns	Kms.	Skips	Vp's	<u>Daily Totals</u>	
TEX09-03	5525	5026	500	12.5	6	494	VP's: 494	
							Skips: 6	
							Lin Kms: 12 500	n

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 48.750

Lin.Kms.Remaining: 175.250

Total Hrs (Job):

102.0

% Completed: 21.76% ion Linear Kms: 12.188

Average Daily Production Linear Kms: 1.
Estimated Completion Date: Saturday, 30 May 2009

## HOURS

<u> 88</u>								
Working Time -		Down Time -		Standby Time -		Daily To	<u>tals</u>	
Recording:	7.5	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	9.7	
Requested Experimental:		Troubleshooting:		Induction:		Standby Time:	0.3	
Recorder Moveup:	1.9	Recorder:		Weather:		Down Time:	0.0	
Vibrator Moveup:		Vibes:		Spread Damage:		Non-Charge Time:	2.2	
Detour:	0.3	WOS:				Total Day Hrs:	12.2	
Line Move:		Other:		Other -		Total Day Charge:	10.0	
Prospect Move:		Non-Charge Time -		Mobilisation:		Cumulative	<u>Totals</u>	
Other:		Travel Time:	2	Spread Layout/Pickup:		Working Time(Job):	77.4	
		Instrument Tests\Morning QC:	0.2	Crew Demobe/Remobe:		Standby Time(Job):	2.7	
		Other:				Down Time(Job):	0.2	
		Recorder Moveup:				Non-Charge Time(Job):	21.7	

COMMENTS:	Spread Movement							
	Clien	t: Texalta 2D	)		Date:	: [	Friday, 15 Mag	y 2009
*Crew manager to the field.		Layout					Pickup	
*HSE to the field.	Line	Stati	on #	Tot	Line	S	tation #	Tot
*Supply driver shower water run.	TEX09-03	5256	4611	646	TEX09-03	5655	5120	536
* Travel time to the line getting shorter closer to camp .								
*The bull dust, wheel ruts are deep in places very slow which								
is going to be the main factor on production km's each day.								
*Down time :								
	To	tal Stations :	646		Total Sta	ations:	536	
Total Crew #'s:37 Line Crew #'s:19 Vehicle #'s:15	Equipment Repor	l	Bad	Phones:	1	•	Bad Cable:	1



Texalta 2D Georgina Basin Seismic Survey

ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Thursday, 14 May 2009

PRODUCTION

Total Stns Vp's **Daily Totals** Line Stn Stn Kms. Skips TEX09-03 6087 5526 562 14.05 562

Skips: 0 Lin.Kms: 14.0500

562

VP's:

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 36.250

Lin.Kms.Remaining: 187.750

16.18% % Completed:

**Average Daily Production Linear Kms:** 12.083 Estimated Completion Date: Saturday, 30 May 2009

HOURS

Down Time -Working Time -Standby Time -**Daily Totals** Recording: Human Error: Toolbox/Safety Meeting: Working Time: Standby Time: Requested Experimental: Troubleshooting: Induction: 0.3 Recorder Moveup: 1.0 Recorder: Weather: Down Time: 0.0 Vibrator Moveup: Vibes: Spread Damage: Non-Charge Time: 2.8 Detour: 0.3 WOS: Total Day Hrs: 12.2 Line Move: Other: Other -Total Day Charge: 9.4 Non-Charge Time -**Cumulative Totals** Prospect Move: Mobilisation: Other: Travel Time: 2.5 Spread Layout/Pickup: Working Time(Job): 69.6 Instrument Tests\Morning QC: Crew Demobe/Remobe: Standby Time(Job): 2.4 Other: Down Time(Job): 0.2

> Non-Charge Time(Job): Recorder Moveup: 17.6 Total Hrs (Job): 89.8

COMMENTS:

\*Crew manager to the field.

\*Crew change 6in.

\*Supply driver return to from Mt Isa with supplies.

\* Travel time to the line getting shorter closer to camp .

\*The bull dust, wheel ruts are already a foot deep in places very slow which

Line Crew #'s:19

Vehicle #'s:15

is going to be the main factor on production km's each day.

Total Crew #'s:37

Spread Movement							
Client:	Texalta 2D	)		Date:	Т	hursday, 14 M	ay 2009
	Layout					Pickup	
Line	Stati	on # Tot Line Station #					Tot
TEX09-03	5823	5257	567	TEX09-03	6175	5656	520
Tota Equipment Report	l Stations :	567	Phones:	Total Sta	tions:	520 Bad Cable:	



Texalta 2D Georgina Basin Seismic Survey

ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Wednesday, 13 May 2009

PRODUCTION

Total Stns **Daily Totals** Line Stn Stn Skips Vp's Kms. TEX09-03 6532 6088 445 11.125 445 VP's: 445 Skips: 0 Lin.Kms: 11.1250

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 22.200

Lin.Kms.Remaining: 201.800

Total Hrs (Job):

77.6

% Completed: 9.91%

Average Daily Production Linear Kms: 11.100

Estimated Completion Date: Monday, 1 June 2009

HOURS

13							
Working Time -		Down Time -		Standby Time -		Daily To	<u>ıtals</u>
Recording:	6.7	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	8.3
Requested Experimental:		Troubleshooting:		Induction:		Standby Time:	0.3
Recorder Moveup:	1.0	Recorder:		Weather:		Down Time:	0.1
Vibrator Moveup:		Vibes:	0.1	Spread Damage:		Non-Charge Time:	3.7
Detour:	0.6	WOS:				Total Day Hrs:	12.4
Line Move:		Other:		Other -		Total Day Charge:	8.6
Prospect Move:		Non-Charge Time -		Mobilisation:		Cumulative	: Totals
Other:		Travel Time:	3.4	Spread Layout/Pickup:		Working Time(Job):	61.4
		Instrument Tests\Morning QC:	0.3	Crew Demobe/Remobe:		Standby Time(Job):	2.1
		Other:				Down Time(Job):	0.2
		Recorder Moyeup:				Non-Charge Time(Job):	13.9

Spread Movement

<u> </u>	M	M	E	N	T	<u>S:</u>	

\*Crew manager to the field/water.

\*Crew change 5out.

Total Crew #'s:37

\*Supply driver to Mt Isa overnight pick up supplies.

\*Met up with Sabadin load of bulk diesel .

\*Long travel time to the line & slow going.

\*The bull dust, wheel ruts are already a foot deep in places very slow which

Line Crew #'s:19

Vehicle #'s:15

is going to be the main factor on production km's each day.

\*Down time : vibe stuck in a soft spot already on line.

Clien	t: Texalta 20	)		Date:	W	ednesday, 13 l	May 2009
	Layout					Pickup	
Line	Stati	ion #	Tot	Line	5	Station #	Tot
TEX09-03	6296	5824	473	TEX09-03	6655	6176	480
To	tal Stations :	473		Total Sta	tions:	480	
Equipment Repor	ì	Bad	Phones:	1		Bad Cable:	



Texalta 2D Georgina Basin Seismic Survey

ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Tuesday, 12 May 2009

		ON

<u>otals</u>	Daily To	Stn Total Stns Kms. Skips Vp's		Stn	Line			
444	VP's:	444		11.075	443	6533	6976	TEX09-03
0	Skips:							
11 0750	Lin Kms:							

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 11.075

Lin.Kms.Remaining: 212.925

% Completed: 4.94%

Average Daily Production Linear Kms: 11.075

Estimated Completion Date: Monday, 1 June 2009

Client Rep

## HOURS

COMMENTS:

Crew Manager

KS							
Working Time -		Down Time -		Standby Time -		Daily To	<u>otals</u>
Recording:	6.7	Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	7.9
Requested Experimental:		Troubleshooting:	0.1	Induction:		Standby Time:	0.3
Recorder Moveup:	0.7	Recorder:		Weather:		Down Time:	0.1
Vibrator Moveup:		Vibes:		Spread Damage:		Non-Charge Time:	4.1
Detour:	0.5	WOS:				Total Day Hrs:	12.4
Line Move:		Other:		Other -		Total Day Charge:	8.2
Prospect Move:		Non-Charge Time -		Mobilisation:		Cumulative	e Totals
Other:		Travel Time:	3.5	Spread Layout/Pickup:		Working Time(Job):	54.1
		Instrument Tests\Morning QC:	0.6	Crew Demobe/Remobe:		Standby Time(Job):	1.8
		Other:				Down Time(Job):	0.1
		Recorder Moveup:				Non-Charge Time(Job):	9.2
						Total Hrs (Job):	65.2

Spread Movement

	Clien	t: Texalta 2L	)		Date:	T	uesday, 12 N	lay 2009
		Layout					Pickup	
	Line	Stat	ion #	Tot	Line	S	Station #	Tot
	TEX09-03	6576	6297	280	TEX09-03	6976	6656	321
*Long travel time to the line & slow going.								
*The bull dust,wheel ruts are already a foot deep in places very slow which								
is going to be the main factor on production km's each day.								
				<u> </u>				
		tal Stations :			Total Sta	itions:	321	
Total Crew #'s:37 Line Crew #'s:20 Vehicle #'s:15	Equipment Repor		Bad	Phones:	: 1		Bad Cable:	



Texalta 2D Georgina Basin Seismic Survey ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Monday, 11 May 2009

RODUCTI	ON

							•••	
<u>otals</u>	Daily To	Vp's	Skips	Kms.	Total Stns	Stn	Stn	Line
0	VP's:	0		0	0			
0	Skips:			0	0			
0.0000	Lin.Kms:			0	0			

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 0.000

Lin.Kms.Remaining: 224.000

% Completed: 0.00%

Average Daily Production Linear Kms: 0.000

Estimated Completion Date: #DIV/0!

Client Rep

HOURS

Crew Manager

KS							
Working Time -		Down Time -		Standby Time -		Daily To	<u>tals</u>
Recording:		Human Error:		Toolbox/Safety Meeting:	0.3	Working Time:	2.6
Requested Experimental:	2.6	Troubleshooting:		Induction:	1.5	Standby Time:	1.8
Recorder Moveup:		Recorder:		Weather:		Down Time:	0.0
Vibrator Moveup:		Vibes:		Spread Damage:		Non-Charge Time:	4.4
Detour:		WOS:				Total Day Hrs:	11.7
Line Move:		Other:		Other -		Total Day Charge:	4.4
Prospect Move:		Non-Charge Time -		Mobilisation:		Cumulative	<u>Totals</u>
Other:		Travel Time:	4.4	Spread Layout/Pickup:	2.9	Working Time(Job):	46.9
		Instrument Tests\Morning QC:		Crew Demobe/Remobe:		Standby Time(Job):	1.5
		Other:				Down Time(Job):	0.0
		Wirelines:				Non-Charge Time(Job):	4.4
						Total Hrs (Job):	52.8

COMMENTS:	Spread Movement							
	Clier	it: Texalta 2D	)		Date:	Monday, 11 N	/lay 2009	
Crew induction forTexalta start conducted Jim Allender.		Layout				Pickup		
Crew mob to field commence layout.	Line	Statio	on #	Tot	Line	Station #	Tot	
Requested experimental/test completed 4:34pm.	TEX09-03	6976	6577	400				
Long travel time to the line & slow going.								
Crew change 1out-1in.								
	To	otal Stations :	400		Total Stations	0		
Total Crew #'s:37 Line Crew #'s:20 Vehicle #'s:15	Equipment Repor	t	Bad	Phones:	·	Bad Cable	:	



Total Crew #'s:37

Crew Manager

Line Crew #'s:20

Vehicle #'s:15

Terrex Seismic **Daily Report** Texalta 2D

**CREW 402** 

Party Manager: Warren Campbell

Total Stations:

Client Rep

0

Bad Cable:

TERRE	VIC	Survey Name. Area State			Georgina Ba ATP 103-10 NT	asin Seismic Survey 4				Client Rep: Weather: DATE:	Fine\Cod		)
PRODUCTION Line	Stn	Stn	Total Stns	Kms.	Skips	Vp's						Daily T	otals
20	• • • • • • • • • • • • • • • • • • • •	<b></b>	0	0	o.u.po	0						VP's:	0
			0	0								Skips:	0
			0	0								Lin.Kms:	0.0000
												<u>Cumulativ</u>	<u>ve Totals</u>
												Cum. VP's:	9400
											Cı	um.Lin.Kms:	0.000
												.Remaining:	224.000
												Completed:	0.00%
												Linear Kms:	0.000
								Estima	ited Comp	letion Date:	#DIV/0!	!	
HOURS W	orking Time	A -		1	Down Time -		St	andby Time -				Daily T	otals
-			Human Error:			afety Meeting:	0.3		Wo	orking Time:	0.0		
Requested	d Experiment	•		Tr	oubleshooting:		10010071100	Induction:				andby Time:	0.3
	corder Move				Recorder:			Weather:				Down Time:	0.0
	orator Move				Vibes:		Spread Damage: Non-Charge Ti						0.0
	Deto	ur:			WOS:			_		Total Day Hrs			10.3
	Line Mov	ve:			Other:			Other -			Total I	Day Charge:	0.3
F	Prospect Mov	ve:		Non-C	harge Time -		Mobilisation: 10.0 <u>Cumul</u>					<u>Cumulativ</u>	<u>re Totals</u>
	Oth	er:			Travel Time:		Spread Layout/Pickup: Working Time(Job)						40.0
			li	nstrument Tes	ts\Morning QC:		Crew Demobe/Remobe: Standby Time(Job)						
					Other:						Down	n Time(Job):	0.0
					Wirelines:					No	n-Charge	e Time(Job):	0.0
											Tota	al Hrs (Job):	41.2
COMMENTS:						Spread Movement	T 11 01			D-4			
						Client:	Texalta 20	)		Date:		unday, 10 Ma	y 2009
*Toolbox 6:30-6:45							Layout		<b>-</b> .			Pickup	<b>-</b> .
•		elled on the road 7:				Line	Stat	ion #	Tot	Line	Sta	ation #	Tot
*Arrived at campsit	Arrived at campsite2 for the Texalta 2D survey 3:45pm main camp set 6:30pm.												
*Day 4> 3 flat tyre													
	Crew done well big camp move around 1322km' more then												
1000km's of that w	as dirt roads	s.											

Total Stations :

**Equipment Report** 

0

Bad Phones:



**Terrex Seismic** 

Daily Report

Texalta 2D Georgina Basin Seismic Survey

ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Saturday, 9 May 2009

RODUCTION	NC

Line	Stn	Stn	Total Stns	Kms.	Skips	Vp's	Daily To	<u>otals</u>
			0	0		0	VP's:	0
			0	0			Skips:	0
			0	0			Lin.Kms:	0.0000

**Cumulative Totals** 

Cum. VP's: 9400 0.000 Cum.Lin.Kms:

Lin.Kms.Remaining: 224.000

0.00% % Completed:

**Average Daily Production Linear Kms:** 0.000

HOURS

<u>s</u>					
Working Time -	Down Time -	Standby Time -		Daily To	<u>tals</u>
Recording:	Human Error:	Toolbox/Safety Meeting:	0.3	Working Time:	0.0
Requested Experimental:	Troubleshooting:	Induction:		Standby Time:	0.3
Recorder Moveup:	Recorder:	Weather:		Down Time:	0.0
Vibrator Moveup:	Vibes:	Spread Damage:		Non-Charge Time:	0.0
Detour:	WOS:			Total Day Hrs:	10.3
Line Move:	Other:	Other -		Total Day Charge:	0.3
Prospect Move:	Non-Charge Time -	Mobilisation:	10.0	<u>Cumulative</u>	<u>Totals</u>
Other:	Travel Time:	Spread Layout/Pickup:		Working Time(Job):	30.0
	Instrument Tests\Morning QC:	Crew Demobe/Remobe:		Standby Time(Job):	0.9
	Other:			Down Time(Job):	0.0
	Wirelines:			Non-Charge Time(Job):	0.0
				Total Hrs (Job):	30.9

JU	IVII	<u>VIE</u>	NI	<u>S:</u>

\*Toolbox 6:30-6:45am.

Total Crew #'s:37

\*Packed up roadside camp refuelled on the road 7:45am.

\*Stopped set up roadside camp 5:30-6:30pm.

\*Day 3> 2 flat tyre, clutch linkage on freightliner.

Crew Manager

the walls on the laundry have move forward about 4inches not if it can be fixed.

Line Crew #'s:20

Vehicle #'s:15

Client:	Texalta 2D			Date: Saturday, 9 May 2009				
	Layout			Pickup				
Line	Statio	n #	Tot	Line	Stat	ion #	Tot	
Tot	0		Tota	I Stations:	0			
quipment Report		Bac	Phones:	Bad Cable:				



**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool DATE: Friday, 8 May 2009

Client..... Survey Name. Area..... Texalta 2D Georgina Basin Seismic Survey ATP 103-104

NT

PRODUCTION

							<del></del>	
<b>Daily Totals</b>	<u>Dai</u>	Vp's	Skips	Kms.	Total Stns	Stn	Stn	Line
VP's: 0	VF	0		0	0			
Skips: 0	Ski			0	0			
Lin.Kms: 0.0000	Lin.Kr			0	0			

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 0.000

Lin.Kms.Remaining: 224.000

% Completed: 0.00%

**Average Daily Production Linear Kms:** 0.000

Total Stations:

Client Rep

0

HOURS

Crew Manager

<u>!S</u>				
Working Time -	Down Time -	Standby Time -	Daily 1	<u>otals</u>
Recording:	Human Error:	Toolbox/Safety Meeting:	0.3 Working Time:	0.0
Requested Experimental:	Troubleshooting:	Induction:	Standby Time:	0.3
Recorder Moveup:	Recorder:	Weather:	Down Time:	0.0
Vibrator Moveup:	Vibes:	Spread Damage:	Non-Charge Time:	0.0
Detour:	WOS:		Total Day Hrs:	10.3
Line Move:	Other:	Other -	Total Day Charge:	0.3
Prospect Move:	Non-Charge Time -	Mobilisation:	10.0 <u>Cumulativ</u>	<u>re Totals</u>
Other:	Travel Time:	Spread Layout/Pickup:	Working Time(Job):	20.0
	Instrument Tests\Morning QC:	Crew Demobe/Remobe:	Standby Time(Job):	0.6
	Other:		Down Time(Job):	0.0
	Wirelines:		Non-Charge Time(Job):	0.0
			Total Hrs (Job):	20.6

COMMENTS:	Spread Movement					
	Clien	Date:	Friday, 8 May 2009			
*Toolbox 6:30-6:45am.		Layout	Pickup			
*Packed up roadside camp refuelled on the road 7:45am.	Line	Station #	Tot	Line	Station #	Tot
*Stopped set up roadside camp 5:30-6:30pm.						
*Day 2> 1 flat tyre, rear brake hose on paystar spread truck.						

Total Stations :

Total Crew #'s:37 Line Crew #'s:20 Vehicle #'s:15 **Equipment Report** Bad Phones: Bad Cable:



**Terrex Seismic** 

Daily Report

Texalta 2D Georgina Basin Seismic Survey

ATP 103-104

NT

**CREW 402** 

Party Manager: Warren Campbell Client Rep: Kent Honner Weather: Fine\Cool

DATE: Thursday, 7 May 2009

Line	Stn	Stn	Total Stns	Kms.	Skips	Vp's	Daily Tot	<u>tals</u>
			0	0		0	VP's:	0
			0	0			Skips:	0
			0	0			Lin.Kms:	0.0000

**Cumulative Totals** 

Cum. VP's: 9400 Cum.Lin.Kms: 0.000

Lin.Kms.Remaining: 224.000

0.00% % Completed:

**Average Daily Production Linear Kms:** 0.000

Total Stations:

Bad Phones:

0

Bad Cable:

HOURS

Total Crew #'s:37

Line Crew #'s:20

Vehicle #'s:15

<u>!S</u>						
Working Time -	Down Time -	Standby Time -		<u>Daily Totals</u>		
Recording:	Human Error:	Toolbox/Safety Meeting:	0.3	Working Time:	0.0	
Requested Experimental:	Troubleshooting:	Induction:		Standby Time:	0.3	
Recorder Moveup:	Recorder:	Weather:		Down Time:	0.0	
Vibrator Moveup:	Vibes:	Spread Damage:		Non-Charge Time:	0.0	
Detour:	WOS:			Total Day Hrs:	10.3	
Line Move:	Other:	Other -		Total Day Charge:	0.3	
Prospect Move:	Non-Charge Time -	Mobilisation:	10.0	Cumulative	e Totals	
Other:	Travel Time:	Spread Layout/Pickup:		Working Time(Job):	10.0	
	Instrument Tests\Morning QC:	Crew Demobe/Remobe:		Standby Time(Job):	0.3	
	Other:			Down Time(Job):	0.0	
	Wirelines:			Non-Charge Time(Job):	0.0	

COMMENTS:	Spread Movement					
	Clien	Date:	Thursday, 7 May 2009			
*Toolbox 6:30-6:45am.		Layout				
*Packed up main camp on the road 9:30am.	Line	Line Station #		Line	Station #	Tot
*Stopped set up roadside camp 5:30-6:30pm.						
*Day 1> 2 flat tyres Elross kitchen.						

**Equipment Report** 

Total Stations :



# APPENDIX H RECORDING STATISTICS



Loaded jug truck

# RECORDINGS STATISTICS

Date	Mobilisation	Layout/Picku p Spread	Travel Time	Recording Time	Recorder Move	Detours & Terrain	Change Sweeps	Line Move	Trouble- shooting	Testing	Requested Experimental	Downtime	Safety Meeting's	Other	Total Stand- by	Total Hours	Total Hours	Total Km
7 May 2009	10.00												0.30		0.30	10.00	10.30	
8 May 2009	10.00												0.30		0.30	10.00	10.30	
9 May 2009	10.00												0.30		0.30	10.00	10.30	
10 May 2009	10.00												0.30		0.30	10.00	10.30	
11 May 2009		2.90	4.40								2.60		0.30	1.50	1.80	2.60	11.70	
12 May 2009			3.50	6.70	0.70	0.50			0.10	0.60			0.30		0.30	7.90	12.40	11.0750
13 May 2009			3.40	6.70	1.00	0.60	•			0.30		0.10	0.30		0.30	8.30	12.40	11.125
14 May 2009			2.50	7.80	1.00	0.30				0.30			0.30		0.30	9.10	12.20	14.050
15 May 2009			2.00	7.50	1.90	0.30				0.20			0.30		0.30	9.70	12.20	12.500
16 May 2009			1.00	9.20	1.00	0.10				0.10			0.30		0.30	10.30	11.70	15.950
17 May 2009			2.30	5.20	1.40	0.10				0.90		1.50	0.30		0.30	6.70	11.70	11.425
18 May 2009			2.20	8.50	0.50					0.10		0.40	0.30		0.30	9.00	12.00	14.150
19 May 2009			3.20	6.10	1.60					0.10		0.10	0.30		0.30	7.70	11.40	10.300
20 May 2009			4.20	6.20	0.60	0.10						0.10	0.30		0.30	6.90	11.50	10.900
21 May 2009	10.00												0.30		0.30	10.00	10.30	
22 May 2009	10.00												0.30		0.30	10.00	10.30	
23 May 2009	10.00												0.30		0.30	10.00	10.30	
24 May 2009			3.20	6.20	1.90	0.10				0.20		0.10	0.30		0.30	8.20	12.00	10.575
25 May 2009			1.80	7.70	1.30		0.10			0.10		0.20	0.30		0.30	9.10	11.50	12.300
26 May 2009			1.80	8.10	1.30		0.10			0.10		0.20	0.30		0.30	9.50	11.90	13.300
27 May 2009			1.20	9.00	0.90		0.10			0.10		0.10	0.30		0.30	10.00	11.70	16.400
28 May 2009			1.30	8.00	1.00		0.10	0.80		0.20			0.30		0.30	9.90	11.70	14.125
29 May 2009			1.80	7.90	1.30					0.10		0.20	0.30		0.30	9.20	11.60	12.975
30 May 2009			2.00	8.50	0.70		0.10			0.10			0.30		0.30	9.30	11.70	13.800
31 May 2009			2.70	7.70	0.30					0.30			0.30		0.30	8.00	11.30	11.850
1 June 2009			2.70	7.90	0.70					0.20			0.30		0.30	8.60	11.80	13.025
2 June 2009			5.00	2.30	0.50					0.20		0.20	0.30		0.30	2.80	8.50	5.275
al	70.0000	2.9000	52.2000	137,2000	19,6000	2.1000	0.5000	0.8000	0.1000	4,2000	2,6000	3,2000	8.1000	1.5000	9,6000	232.8000	305.0000	235.100