

13.01 F.2 Incident Report Form

HEALTH, SAFETY & ENVIRONMENT MANUAL



HSE13.01 F.2 Incident Report Form



Incident Report Number: TXD01-092011-001	
Report category	<input type="checkbox"/> Injury <input type="checkbox"/> Near Miss <input type="checkbox"/> Environment <input type="checkbox"/> Vehicle <input checked="" type="checkbox"/> Equipment Damage <input type="checkbox"/> Illness <input type="checkbox"/> HiPo <input type="checkbox"/> Security <input type="checkbox"/> other (specify)
Date / Time	Hazard / Incident Reported Date: 09/09/2011 Time: 0750 Date: 09/09/2011 Time: 0800
Location	Division: Wood Group Wagners Country: Australia Project name: Westside Corporation TXD Drilling Site name: Meridian 36 Site locator.....Client: Westside corporation
Person Involved in Hazard / Incident	Family Name: <input type="text"/> Date of Birth: <input type="text"/> - Personal Information <input checked="" type="checkbox"/> Male <input type="checkbox"/> Female <input checked="" type="checkbox"/> WGW Employee <input checked="" type="checkbox"/> Full Time <input type="checkbox"/> Part Time <input type="checkbox"/> Casual <input type="checkbox"/> Visitor / Contractor Name of Company
Incident / Hazard Description <small>(Please attach photos, drawings, plans etc to the end of the report)</small>	<p>Hazard / Incident description: At approximately 06:10am <input type="text"/> was asked by <input type="text"/> the mechanic to function test the mast raise cylinders because he had changed the hoses after night shift had set up the rams. <input type="text"/> then functioned the rams with the top pins disconnected. This was done 5 or 6 time and then reconnected to the mast. Then a pre job safety meeting was held with the day crew. All contractors were asked to leave the area, except the mechanics, and a drop zone around the rig put in place. The leg pins were removed from the mast and the feet where raised up about 4 inches and lowered the mast slide until the mast was scoped. <input type="text"/> then tilted the mast about 5 degrees and then raised back up. This was done twice. At about 07:50am <input type="text"/> attempted to lower mast and at about 80 degrees the mast went in free fall. After making sure that everyone was safe the area was shored up and a taped exclusion zone was erected.</p> <p>Task at time of incident / hazard: Lowering the mast</p>
<pre> graph LR E1[Time: 06:10am Remove top pins from cylinders and function test rams 5 or 6 times.] --> E2[Time: 07:00am Replace top pins in the mast and secure.] E2 --> E3[Time: 07:30am Remove pins in the mast and raise mast legs.] E3 --> E4[Time: 07:40am Tilt mast 5 degrees back and forward twice to check cylinders.] E4 --> I((Time: 07:50am Mast crashed into head board of the rig.)) I --> E5[Time: 08:00am Area made safe and exclusion zone set up.] E5 --> E6[Time: 08:10am Contacted management to inform them of the incident.] E6 --> E7[Time:] E7 --> E8[Time:] </pre>	

HSE13.01 F.2 Incident Report Form



Witnesses	Name: 49-Sch4 Contact# 49-Sch4 - Mobile phone Name: 49-Sch4 Contact# Section 78B(2) RTI Act
Immediate Actions	What actions were taken immediately to control hazard / incident? Area made secure and taped off.
INJURY IMPACT	
First aider name Signed Date /..... /.....	
Illness / Injury type (Tick all that apply)	<input type="checkbox"/> Abrasions <input type="checkbox"/> Crush <input type="checkbox"/> Electric Shock <input type="checkbox"/> Laceration <input type="checkbox"/> Sprain <input type="checkbox"/> Asphyxia <input type="checkbox"/> Dislocation <input type="checkbox"/> Fracture <input type="checkbox"/> Loss of Consciousness <input type="checkbox"/> Strain <input type="checkbox"/> Bruising <input type="checkbox"/> Effects of Chemicals <input type="checkbox"/> Illness (specify) <input type="checkbox"/> Nausea <input type="checkbox"/> Other (specify) <input type="checkbox"/> Burns <input type="checkbox"/> Effects of Exposure <input type="checkbox"/> Puncture Wound
Part of body affected (Tick all that apply)	<input type="checkbox"/> Skull/Head <input type="checkbox"/> Shoulder left right <input type="checkbox"/> Hip left right <input type="checkbox"/> Chest <input type="checkbox"/> Face <input type="checkbox"/> Upper Arm left right <input type="checkbox"/> Upper Leg left right <input type="checkbox"/> Abdomen <input type="checkbox"/> Ear left right <input type="checkbox"/> Lower Arm left right <input type="checkbox"/> Lower Leg left right <input type="checkbox"/> Groin <input type="checkbox"/> Eye left right <input type="checkbox"/> Wrist left right <input type="checkbox"/> Ankle left right <input type="checkbox"/> Other (specify) <input type="checkbox"/> Neck <input type="checkbox"/> Hand left right <input type="checkbox"/> Foot left right <input type="checkbox"/> Back upper lower <input type="checkbox"/> Fingers/Thumb left right <input type="checkbox"/> Toes left right
First aid / treatment provided	<input type="checkbox"/> Return to normal duties Date <input type="checkbox"/> Return to alternate duties Date <input type="checkbox"/> Referred to doctor/hospital: Name Contact# Was doctor informed of potential light duties? <input type="checkbox"/> YES <input type="checkbox"/> NO Detail
Injured / ill persons details	Start Date with WGW/...../..... Time in Present Position Normal Occupation Occupation at time of Incident..... <input type="checkbox"/> Day Shift <input type="checkbox"/> Afternoon Shift <input type="checkbox"/> Night Shift Length of Shifthrs Shift Start Time Roster (e.g. 2 weeks on 2 weeks off)..... Days into Roster
NATURAL ENVIRONMENT IMPACT	
Impact to	<input type="checkbox"/> Water Specify river, creek, dam, underground supply, piped etc Describe water body..... <input type="checkbox"/> Air <input type="checkbox"/> Land <input type="checkbox"/> Flora <input type="checkbox"/> Fauna <input type="checkbox"/> Other (specify) Area land affectedm2
Impact by	Type of Pollutant (oil, wastewater, solid waste etc) 1. Name Volume (m ³ litres)..... 2. Name Volume (m ³ /litres).....
Onset	Was the incident? a: Sudden and accidental onset <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unsure b: Gradual onset <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unsure
EQUIPMENT IMPACT	
Vehicle Accident	Vehicle make: Schramm Model: TXD 180 Registration No Describe damage: Mast bent, radiator frame bent front legs broken off Roll-over (>90°) <input type="checkbox"/>
Equipment details	Operating plant damaged Make: TXD 180 Serial No
Details	Equipment downtime: <input type="checkbox"/> 1 shift <input type="checkbox"/> 1 - 4 shifts <input type="checkbox"/> 2 - 7 days <input type="checkbox"/> 8 + days <input checked="" type="checkbox"/> Replacement req.
FINANCIAL IMPACT	
Financial	Financial loss - estimated (AUD) <input type="checkbox"/> < 5K <input type="checkbox"/> 5k - 50 k <input type="checkbox"/> 50k - 100k <input type="checkbox"/> 100k - 500k <input type="checkbox"/> 500k - 1,000k <input checked="" type="checkbox"/> 1,000k+

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REPUTATION IMPACT	
Reputation	Extent of impact <input type="checkbox"/> Internal <input type="checkbox"/> Local site <input type="checkbox"/> Client local site <input checked="" type="checkbox"/> Client / multiple sites <input type="checkbox"/> Loss of contract <input type="checkbox"/> International
ASSESSMENT: For High, Very High or Extreme Risks the WGW Incident Investigation Form is Required.	
Notifiable Incident	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Agency Name: DEEDI Date Reported: 09/09/2011
Actual Risk Evaluation	Risk level (from risk matrix) <input type="checkbox"/> LOW <input type="checkbox"/> MODERATE <input type="checkbox"/> HIGH <input checked="" type="checkbox"/> VERY HIGH <input type="checkbox"/> EXTREME
Potential Risk Evaluation	Risk level (from risk matrix) <input type="checkbox"/> LOW <input type="checkbox"/> MODERATE <input type="checkbox"/> HIGH <input type="checkbox"/> VERY HIGH <input checked="" type="checkbox"/> EXTREME
Supervisor	Name: [Redacted] Section 78B(2) RTI Signed Date: 10/09/2011
HSEQ	Name: [Redacted] Section 78B(2) RTI Signed Date: 10/09/2011
Site Manager	Name: [Redacted] Section 78B(2) RTI Signed Date: 10/09/2011
Distribution	Client Representative <input type="checkbox"/> WGW HSEQ Manager <input checked="" type="checkbox"/> WGW General Manager <input checked="" type="checkbox"/> WGW Operations Manager <input checked="" type="checkbox"/> WGW Drilling & Completions Manager <input checked="" type="checkbox"/>

Corrective and preventative actions: Identify those actions that you have or will take to prevent a recurrence of this accident / Incident.			
Completed Actions:	BY whom:	By when:	Completed
Make area safe and set up exclusion zone	Rig staff	Straight away	Yes
Shored up rig to stop any further movement	Rig staff	Straight away	Yes
Further Required Actions:			
Actions approved by:	Name:	Signature:	Date:

RTI DL RELEASE - DIRM

From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Thursday, 15 September 2011 2:23 PM
To: Wright John; Rasmussen Graham
Cc: Simon Mewing; Ray Cowie; Peter Dingle; Bob Balkenbush (bob.balkenbush@woodgroupwagners.com); phillip.wilson@woodgroupwagners.com; darren.cowan@woodgroupwagners.com; darryl.crowder@woodgroupwagners.com; Steven.hicks@woodgroupwagners.com; Company Man; txd01.rig <txd01.rig@woodgroupwagners.com> (txd01.rig@woodgroupwagners.com); Randy Beier; Gerard McKay; mark.stewart@woodgroupwagners.com
Subject: WestSide/Wood Group Wagners - Forward action plan - Risk Assessment

Attachments: Risk Assessment Form Remove Rig and Rams.doc
 John,

Risk Assessments for your perusal. Will be in contact tomorrow to discuss further.

Thanks and regards

Russell Churchett
HSE Manager

<input checked="" type="checkbox"/>	Description	Description
	Description	Description

Direct: 07 3020 0905

Section 78B(2) RTI Act

Office: 07 3020 0900
 Fax: 07 3020 0999
 Email: russell.churchett@westsidecorporation.com
 Web: www.westsidecorporation.com
 Address: Level 8, 300 Queen Street, Brisbane QLD 4000
 Postal: GPO Box 1121, Brisbane QLD 4001

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From: Col Kennedy [mailto:ckennedy@leecranehire.com.au]
Sent: Wednesday, 14 September 2011 9:57 AM
To: Steven Hicks; Bob Balkenbush
Subject: Safe Work Method Statement

As discussed on Tuesday the 13th September 2011.
 Any problems dont hesitate to call me on 07 4992 2866
 Kind regards

COMPANY NAME: Wood group Wagner's	PROJECT: Drillrig
Date 14 September	Site Location: MOURA
Work Activity: RIG RECOVERY	
RESOURCES:	
Plant: 2 X 130T GROVES GMK 5130-I Trucks x2 Count weight	
Personnel: Crane Operators 2 riggers 2	
Inductions & Competencies: WH&S Licence, Drivers Licence, Site Induction, Blue/White Construction Induction, Santos Induction	
Plant & Equipment Certification: WH&S Registration, CraneSafe Certification, Qld Transport Registration	
Equipment: Chains, Slings & Shackles	
PPE: Gloves, Safety Boots, Safety Helmet, Glasses, Hi-Vis Clothing, Sun Protection, Hearing Protection	
	Date: 14/09/2011
	No: WMS-203
	ABN: 33 064 917 817

RTI DL RELEASE - DNRAM

Description of the Activity: Safe operation to perform lifting with 2 X 130 T GROVES
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Approved By: Section 78B(2) RTI Act Safety Advisor	Date: 014/09/2011
Developed By: Section 78B(2) RTI Act Safety Advisor	Date: 14/09/2011
Reviewed By: Section 78B(2) RTI Act Crane Coordinator	Date: 14/09/2011

LIKELIHOOD	
1	Almost Certain
2	Likely
3	Occasional
4	Unlikely
5	Rare

CONSEQUENCE	
A	Fatality
B	Major Injury
C	Minor Injury
D	Medical Treatment Injury
E	First Aid Injury

	A	B	C	D	E
1	1	2	4	7	11
2	3	5	8	12	16
3	6	9	13	17	20
4	10	14	18	21	23
5	15	19	22	24	25

RISK		
HIGH	Stop - Contact Supervisor	1 - 6
MEDIUM	Requires Action	7 - 15
LOW	Monitor	16 - 25

Job Step No.	Step Description	Hazards	Risk	Control Measure(s)	Risk	Accountable/ Action by
1.	Pre-start meeting to discuss scope of work, the hazards and the control measures with the work group.	Misunderstanding of work scope.	M	Ensure all work scopes are understood and followed by the work group.	L	Lee Crane Hire
		Emergency.	M	Ensure work team are familiar with site emergency procedure and evacuation plan.	L	Lee Crane Hire
		Interruptions.	M	Ensure appropriate use of mobile phones.	L	Lee Crane Hire
		Lack of communications.	H	Establish effective method of communications i.e. hand, radio, whistle etc.	L	Lee Crane Hire
		Incompetent and untrained persons.	H	Ensure all persons are trained and competent for the task at hand.	L	Lee Crane Hire
		Unfamiliar with item of plant and equipment.	H	Refer to plant operators manuals.	L	Lee Crane Hire
		Unauthorised personnel.	M	Ensure only authorised persons are in the work area and where possible demarcate the area.	L	Lee Crane Hire
		Incorrect and poorly maintained PPE.	M	Ensure all PPE is well maintained and adequate for the task at hand.	L	Lee Crane Hire
		Inclement weather.	H	Discuss actions to be taken in the event of inclement weather i.e. lightning, strong wind, heavy rain, hail etc. Refer to manufacturers recommendations and site requirements.	L	Lee Crane Hire
2.	Travelling and traversing the crane.	Underground services.	H	Obtain location and type of underground services from authorised personnel prior to commencing work.	L	Lee Crane Hire
		Overhead structures and services.	H	Be aware of the location of overhead structures and services and maintain appropriate distances.	L	Lee Crane Hire

		Working adjacent to or over excavations.	H	Maintain appropriate distances. Obtain engineering approval as required.	M	Lee Crane Hire
3.	Check appropriate work permits are in place.	Working without a relevant work permit.	H	Obtain appropriate permits from the relevant representative for the area of work.	L	Lee Crane Hire
		Working in an area without authorisation.	H	Contact and notify relevant representative prior to commencing any work.	L	Lee Crane Hire
4.	Establishment of exclusion zone for intended works.	Overhead work.	M	All loads being lifted are to be contained within the designated exclusion zone. Ensure the exclusion zone is maintained and communicated to all other contractors.	L	Lee Crane Hire
		Falling objects.	M	Ensure the exclusion zone is clearly identified and unnecessary personnel do not enter the exclusion zone.	L	Lee Crane Hire
		Other plant and equipment.	M	Ensure no unauthorised plant and equipment enters the exclusion zone.	L	Lee Crane Hire
5.	Access to crane.	Slips, trips and falls.	M	Use manufacturer's approved access and egress points and maintain three (3) points of contact whilst accessing and egressing.	L	Lee Crane Hire
		Poor housekeeping.	M	Ensure access and egress points are kept clear and free from any foreign matter.	L	Lee Crane Hire
6.	Set up crane.	Manual handling.	M	Ensure correct manual handling procedures are followed and use assisted lifts where appropriate.	L	Lee Crane Hire
		Pinch points.	M	Wear gloves where appropriate and keep body, hands and feet clear of potential pinch points.	L	Lee Crane Hire
		Proximity to structures and roads.	H	Maintain appropriate clearances to structures and power lines.	L	Lee Crane Hire
		Traffic and pedestrian movement.	H	Set up barricades where required for traffic and pedestrian control.	L	Lee Crane Hire
		Ground stability.	H	Ensure ground condition is adequate and check for underground services.	L	Lee Crane Hire
7.	Rigging up of load and attach lift equipment to crane.	Incorrect lifting radius.	H	Establish correct radius for the task and maintain throughout all lifts. Before lift, check these radii with the lift study.	L	Lee Crane Hire
		Incorrect rigging equipment.	H	Inspect lift equipment and ensure it is appropriate the task. Ensure correct and best suited rigging technique is applied.	L	Lee Crane Hire
		Manual handling.	M	Use correct lifting techniques and body positioning. Seek assistance if required.	L	Lee Crane Hire
		Pinch points.	M	Keep body parts away from potential pinch points and identify and use appropriate PPE for the task.	L	Lee Crane Hire
		Potential to fall.	M	Use access equipment where required (eg. ladders, EWP, JLG) for safe access. Comply with site rules.	L	Lee Crane Hire
		Slips, trips and falls.	M	Ensure good housekeeping practices and be aware of potential slip and trip hazards.	L	Lee Crane Hire
8.	Lift and place load.	Uncontrolled movements.	H	Use tag lines. Crane operator to follow directions of dogger/rigger at all times. Crane operator to monitor weights and radius at all times. Personnel to avoid standing in potential crush areas (eg. standing between a suspended load and a fixed item). No walking under any suspended loads.	L	Lee Crane Hire
		Loose items.	H	Ensure all loosed items have been removed or secured to the load being lifted.	L	Lee Crane Hire
		Suspended load.	H	Ensure all personnel are clear of the shadow of the load. Maintain control of the load by using tag lines. No walking under any suspended loads. Lift as low as possible.	L	Lee Crane Hire
		Tail swing and slewing movements.	H	Operator to control movement of tail swing. Use dogger/rigger for assistance to observe crane movements where appropriate.	L	Lee Crane Hire
		Poor weather conditions.	M	Monitor weather conditions to suit the task at hand.	L	Lee Crane Hire

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				Refer to manufacturer's specifications for adverse weather conditions.		
		Inappropriate placement of load.	H	Ensure resting place is suitable for the load. Ensure adequate use of packing to support the load.	L	Lee Crane Hire
		Placed load unstable.	H	Ensure load is adequately supported to prevent falling or tipping.	L	Lee Crane Hire
9.	De-rig load.	Manual handling.	M	Use correct lifting techniques and body positioning. Seek assistance if required.	L	Lee Crane Hire
		Pinch points.	M	Keep body parts away from potential pinch points and identify and wear appropriate PPE for the task.	L	Lee Crane Hire
		Potential to fall.	M	Use access equipment where required (eg ladders, EWP, JLG) for safe access. Comply with site rules.	L	Lee Crane Hire
		Slips, trips and falls.	M	Ensure good housekeeping practices and be aware of potential slip and trip hazards.	L	Lee Crane Hire
		Uncontrolled movement of rigging equipment.	H	Be mindful of unintended movement of rigging equipment whilst releasing the weight of the load (eg. swinging chain).	L	Lee Crane Hire
10.	Pack down crane.	Manual handling.	M	Ensure correct manual handling procedures are followed and use assisted lifts where appropriate.	L	Lee Crane Hire
		Pinch points.	M	Wear gloves where appropriate and keep body, hands and feet clear of potential pinch points.	L	Lee Crane Hire
		Other vehicles and pedestrians.	H	Ensure barricading is maintained until crane is packed up.	L	Lee Crane Hire
11.	Completion of task.	Unauthorised use of plant and equipment by others.	M	Ensure crane is secured from unauthorised access.	L	Lee Crane Hire
		Poor housekeeping.	M	Ensure that the area and plant and equipment are left in a safe and tidy condition.	L	Lee Crane Hire
		Incomplete paperwork.	H	Ensure all paperwork is completed correctly and sufficiently. Ensure all permits etc. are also signed off prior to leaving site.	L	Lee Crane Hire
		Lack of communication.	H	Notify relevant representative prior to leaving site.	L	Lee Crane Hire

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Team Members Names:	Signature:	Team Members Names:	Signature:

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TXD180 Mast Fall Event: P&G Inspector Findings: Forward Action Plan		Responsibility for Completion	13/09/2011	14/09/2011	15/09/2011	16/09/2011	19/09/2011	20/09/2011	21/09/2011	22/09/2011	23/09/2011	26/09/2011	27/09/2011	28/09/2011	29/09/2011	30/09/2011	October	November	December	Completion Due	Actual Completion Date	
0	Tasks already completed																					
1	Provide Wood Group Wagners (WGW) SOP's	SH																			13/09/11	13/09/11
2	Ensure Toolbox meetings are documented on noted form, date and time entered, for each and every toolbox meeting	ST/SH																			13/09/11	13/09/11
3	Safety Management System Improvement Items																					
3	Develop WestSide bridging document linking to WGW and all subcontractors involved with rig operation	RJC/DC																			20/09/11	
4	Provide evidence of contractors SafeOp and P&G Legislation compliance - commence	RJC/DC																			30/09/11	
5	Review WGW SOP's determine if any SOP's are required to be developed to ensure all routine work activities	MS																			19/09/11	
6	Review WestSide and WGW Management of Change process, ensure process is implemented to engineering changes to plant etc.	RJC/DC																			19/09/11	
7	Develop specific Site Safety Manager training competency matrix and commence delivery of training	DC																			19/09/11	
8	Review JSA system in order to improve and ensure the system is more robust	MS																			19/09/11	
9	Provide WGW SOP Training Records (including details of trainer qualifications)	DC																			20/09/11	
10	Update drilling crew competency matrix. Determine gaps and set action plan to address skill gaps.	DC																			19/09/11	
11	Provide maintenance crew competency matrix (Compare trade qualifications etc. with assigned maintenance tasks)	DC/RJC																			29/09/11	
12	Provide evidence of contractors SafeOp and P&G Legislation compliance - complete	RJC/DC																			30/09/11	
13	Rig Recovery Items																					
13	Provide Inspectorate with current Hydraulic Schematics for rig	RC																			14/09/11	
14	Perform rig stabilising risk assessment (all risk assessments to be lead by G2 trained risk assessor)	MS																			14/09/11	
15	Perform rig move risk assessment (from current position to stable/safe position on location)	MS																			14/09/11	
16	Perform hydraulic ram removal risk assessment (multi crane lift)	MS																			14/09/11	
17	Perform rig transportation (from site to repair location) risk assessment	MS																			15/09/11	
18	Develop JSA's and SWP's for each task as per developed risk assessments	ST/SH																			15/09/11	
19	Provide risk assessments, JSA's and SWP's to P&G Inspectorate for review and approval	RJC																			15/09/11	
20	Obtain approval for commencement of works (as per risk assessments, JSA's and SWP's) and commence works	RJC																			20/09/11	
21	Remove rams and transport to 3rd party for video recorded inspection / disassembly	RC																			20/09/11	
22	Rig Repair / Return to Service Items (Dates dependent on Rig Recovery Action completion timing)																					
22	Relocate rams to repair location (on completion of video recorded inspection; when P&G Inspectorate inspection is complete)	RC																			TBD	
23	Perform and complete rig repairs	RC																			TBD	
24	Inspect rig for full compliance (by competent entity)	RC/RJC																			TBD	
25	Obtain approval from P&G Inspectorate to return to drilling operations	RJC																			TBD	

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Legend	
DC	Section 78B(2) RTI Act
MS	
RC	
RJC	
SH	
ST	

RTI DL RELEASE - DNRM



Refer to next slide – this slide shows location of rams on rig / comparison to mast.



2 Rams – easily removed in situ (with significantly less risk)

1/24
PART NO. F135-0127
100K REPROTH ALL PAGES
RIG S/N #1135-0122
HVD DIA 1KD 1500 SIV
SCHWAB

RTI DL RELEASE - DNRM

From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Tuesday, 13 September 2011 2:14 PM
To: Wright John; Rasmussen Graham
Subject: Follow up
John / Graham,

Thankyou both for your time this morning presenting the findings / forward action summary to the group.

It was very beneficial in order for the whole group to hear your words and although the line was not the best at times we have all come away with a clear understanding of the key items that need to be addressed.

Thanks again, look forward to receiving your formal report / forward action summary and working together to ensure WestSide / GWG address the gaps identified as a result of this event.

Regards

Russell Churchett
HSE Manager

Description: Description:
Description: Description:

Direct: 07 3020 0905
Section 78B(2) RTI Act
Office: 07 3020 0900
Fax: 07 3020 0999
Email: russell.churchett@westsidecorporation.com
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Address: Level 8, 300 Queen Street, Brisbane QLD 4000
Postal: GPO Box 1121, Brisbane QLD 4001

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From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Tuesday, 13 September 2011 10:45 AM
To: Wright John; Rasmussen Graham
Cc: Steven.hicks@woodgroupwagners.com; darren.cowan@woodgroupwagners.com; Ray Cowie
Subject: FW: Risk Assessment - TXD Recovery

Attachments: Risk Assessment Form Remove Rig.doc
 John / Graham

Risk Assessment 1st Draft for TXD Recovery (from Steven Hicks) – FYI

Regards

Russell Churchett
HSE Manager

Description: Description:
 Description: Description:

Direct: 07 3020 0905

Section 78B(2) RTI Act

Office: 07 3020 0900

Fax: 07 3020 0999

Email: russell.churchett@westsidecorporation.com

Web: www.westsidecorporation.com

Address: Level 8, 300 Queen Street, Brisbane QLD 4000

Postal: GPO Box 1121, Brisbane QLD 4001

From: Steven Hicks [mailto:Steven.Hicks@woodgroupwagners.com]
Sent: Tuesday, 13 September 2011 10:32 AM
To: Russell Churchett
Subject: FW: Risk Assessment

Regards,

Steven Hicks
 HSE & Training Officer
 Wood Group Wagners

Section 78B(2) RTI Act

+61 (0)7 3258 8001 (switch)

WoodGroup_WAGNER:

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From: Darren Cowan
Sent: Tuesday, 13 September 2011 8:58 AM
To: txd01 rig; Steven Hicks
Subject: FW: Risk Assessment

I have added some stuff in, please read and let me know if you have any concerns with it. Steven it is vital that any procedures we have (i.e. SWP's or maintenance procedures) are nominated in the Risk Assessment and then copied and attached to it. All members of the work crew will be required to read and sign off on each procedure that is referenced.

Cheers,
 Darren

From: txd01 rig
Sent: Tuesday, 13 September 2011 6:33 AM
To: Darren Cowan
Cc: Steven Hicks
Subject: Risk Assessment

Darren

Can you have a look at this.

Thanks
 Sean Taylor
 Wood Group Wagners
 Rig Manager TXD01
txd01.rig@woodgroupwagners.com
 PH# 0457557207



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RTI DL RELEASE - DNRM

From: Wright John
Sent: Thursday, 22 September 2011 9:41 AM
To: craneinspections@bigpond.com
Subject: FW: TXD180 - Hydraulic Schematics

Attachments: DSC_0792.jpg

John Wright
Regional Petroleum and Gas Inspector
Department of Employment Economic Development and Innovation
Safety and Health Division
Level 5, 34 East Street
Rockhampton 4700
Phone 0749384682
Fax 0749384331
Mobile 0749384331 - Mobile phone
Email john.wright@deedi.qld.gov.au

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From: Russell Churchett [<mailto:russell.churchett@westsidecorporation.com>]
Sent: Friday, 16 September 2011 1:12 PM
To: Wright John; Rasmussen Graham
Cc: Ray Cowie
Subject: TXD180 - Hydraulic Schematics

John,

Attached is a photo image of the hydraulic schematics. The hard copy of this schematic is a A1 or bigger laminated sheet located at the rig. At present there is not a soft copy to provide.

If the photo is pasted onto the Microsoft paint application it is able to be read and enlarged reasonably well.

Shall continue to chase an easier to navigate soft copy and forward to you.

Regards

Russell Churchett
HSE Manager

Description: Description:
Description: Description:

Direct: 07 3020 0905

Section 78B(2) RTI Act
Office: 07 3020 0900

Fax: 07 3020 0999

Email: russell.churchett@westsidecorporation.com

Web: www.westsidecorporation.com

Address: Level 8, 300 Queen Street, Brisbane QLD 4000
Postal: GPO Box 1121, Brisbane QLD 4001

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RTI DL RELEASE - DNRM

From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Friday, 9 September 2011 2:07 PM
To: Wright John
Cc: Rasmussen Graham; Ray Cowie; darren.cowan@woodgroupwagners.com; Steven.hicks@woodgroupwagners.com
Subject: FW: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification
John,

Names of people are listed below.

Regards

Russell

From: Steven Hicks [mailto:Steven.Hicks@woodgroupwagners.com]
Sent: Friday, 9 September 2011 1:59 PM
To: Russell Churchett
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Russell

The people on site were:

Day crew

Section 78B(2) RTI Act

Night crew

Section 78B(2) RTI Act

RTI DL RELEASE - DNRM

Regards,


Steven Hicks
HSE & Training Officer
Wood Group Wagners

Section 78B(2) RTI Act

+61 (0)7 3258 8001 (switch)

Release



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RTI DL RELEASE - DNRM

Release

Fwd WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification.txt
From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Friday, 9 September 2011 5:34 PM
To: Wright John
Subject: Fwd: WestSide TXD180 Rig Mast Fall (No Injury) - Initial
Written Notification

Attachments: SOP and Tool Box.PDF; ATT00001.txt

John,

Documents as requested.

Regards,

Russell

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RTI DL RELEASE - DIRM

From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Saturday, 10 September 2011 12:39 PM
To: Wright John
Cc: Ray Cowie; Simon Mewing; Peter Dingle
Subject: FYI - Fwd: Incident report TXD01-09-2011-001

Attachments: image001.jpg; ATT00001.htm; image002.png; ATT00002.htm; 13 01 F 2 Incident Report Form TXD01-092011-001.docx; ATT00003.htm
 John

Report from rig site safety man FYI

Regards,

Russell

Begin forwarded message:

From: "Steven Hicks" <Steven.Hicks@woodgroupwagners.com>
To: "Darren Cowan" <Darren.Cowan@woodgroupwagners.com>, "Darryl Crowder" <Darryl.Crowder@woodgroupwagners.com>, "John Stark" <John.Stark@woodgroupwagners.com>, "Bill Law" <Bill.Law@woodgroupwagners.com>, "Bob Balkenbush" <Bob.Balkenbush@woodgroupwagners.com>, "Phillip Wilson" <Phillip.Wilson@woodgroupwagners.com>, "txd01 rig" <txd01.rig@woodgroupwagners.com>
Cc: "Russell Churchett" <russell.churchett@westsidecorporation.com>, "Company Man" <CompanyMan@westsidecorporation.com>
Subject: Incident report TXD01-09-2011-001

Incident report and photos to come.

Regards,

Steven Hicks
 HSE & Training Officer
 Wood Group Wagners

Section 78B(2) RTI Act

• +61 (0)7 3258 8001 (switch)

[cid:image001.jpg@01CC6FAC.3A291250]

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From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Tuesday, 13 September 2011 3:24 PM
To: Wright John
Cc: Matheson Stephen (Mines); Watt Raymond
Subject: RE: Teleconference action items.
 Thanks John,

Will be forwarding you an initial response / forward action plan by the morning.

Regards

Russell.

From: Wright John [mailto:John.Wright@deedi.qld.gov.au]
Sent: Tuesday, 13 September 2011 3:18 PM
To: Russell Churchett
Cc: Matheson Stephen (Mines); Watt Raymond
Subject: Teleconference action items.

Russell

Here is the list of the items I want actioned as part of the SMP documentation for Westside and Wood Group following the recent incident at Moura.

- Westside are to develop a bridging document which clearly outlines all safety interactions between Westside and all contractors. All sub contractors must be included and have a direct reporting link to the tenure holder.
- Westside are to provide documentation that will verify that all contractors are compliant with SafeOp and all P&G legislative requirements including s675.
- Wood Group is to provide copies of all SOP documents and documented evidence that all personnel have been trained and assessed in the individual work procedures by a competent person.
- Ensure all routine work activities are covered by a SOP. Most drill rigs have between 150 to 200 SOP's in place.
- Ensure management of change process is fully implemented and includes all engineering changes to plant and equipment.
- Ensure all Site Safety Managers receive training in their obligations for this position.
- Implement a more robust system to ensure JSA are conducted for all non routine work.
- Toolbox meetings are to be clearly documented and include all personnel involved in the activity. The time and date must be noted on the form.
- Provide the Inspectorate with current hydraulic schematics for rig TXD01 and all changes made to equipment including engineering approval for the changes.
- Provide documentation to verify all drilling personnel hold the appropriate certificates as outlined in the drilling competency guidelines.
- Ensure all maintenance personnel are competent to work on the equipment. The issue of diesel fitters working on hydraulic systems needs to be addressed, personnel must be competent to work on specific equipment and systems.

Process for rig moving forward:

Risk assessment and work procedures to be prepared to remove mast from rig to allow safe access by Inspectors to hydraulic components.

Risk assessment and work procedures to be developed for all work activities forming part of this rig move / inspection process.

Multi crane lift plan will need to be developed, risk assessed and submitted to the P&G Inspectorate before

work commences.

The P&G Inspectorate is to be notified when the mast is removed to arrange for inspection.

Hydraulic rams are to be removed, open ports capped and the rams delivered to a mutually agreed hydraulic workshop for strip down and inspection. A P&G Inspector will be in attendance to witness and video tape the procedure.

Preparation for rig relocation can resume in line with agreed work procedures and risk assessments once agreed to by the P&G Inspectorate.

The rig will not be allowed to operate in Qld until a competent entity, as agreed with the P&G Inspectorate, has inspected the rig for full compliance with the relevant standards and guidelines.

The rig is to remain isolated from access until released by me as the event is still under investigation.

An action plan addressing all of the above must be submitted to me as soon as possible.

Regards

John Wright
Regional Petroleum and Gas Inspector
Department of Employment Economic Development and Innovation
Safety and Health Division
Level 5, 34 East Street
Rockhampton 4700
Phone 0749384682
Fax 0749384331

Email john.wright@deedi.qld.gov.au

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RTI DL RELEASE - DNRM

From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Thursday, 15 September 2011 2:09 PM
To: Wright John
Subject: RE: WestSide / Wood Group Wagner - Forward Action Plan
 Thanks John, got your message earlier today also, appreciated.

Will be forwarding the risk assessments / JHA's etc. shortly, will give you a call tomorrow to discuss.

Regards

Russell

From: Wright John [mailto:John.Wright@deedi.qld.gov.au]
Sent: Thursday, 15 September 2011 8:58 AM
To: Russell Churchett
Subject: RE: WestSide / Wood Group Wagner - Forward Action Plan

Russell

The action plan is acceptable.

Please ensure all the P&G reporting points the process are observed.

Thank you

John Wright
 Regional Petroleum and Gas Inspector
 Department of Employment Economic Development and Innovation
 Safety and Health Division
 Level 5, 34 East Street
 Rockhampton 4700
 Phone 0749384682
 Fax 0749384331
 4084 - Mobile phone
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From: Russell Churchett [mailto:russell.churchett@westsidecorporation.com]
Sent: Wednesday, 14 September 2011 11:35 AM
To: Wright John; Rasmussen Graham
Cc: Simon Mewing; Ray Cowie; Peter Dingle; Bob Balkenbush (bob.balkenbush@woodgroupwagners.com); phillip.wilson@woodgroupwagners.com; darren.cowan@woodgroupwagners.com; darryl.crowder@woodgroupwagners.com; Steven.hicks@woodgroupwagners.com; Company Man; bxd01 rig <bxd01.rig@woodgroupwagners.com> (bxd01.rig@woodgroupwagners.com); Randy Beier
Subject: WestSide / Wood Group Wagner - Forward Action Plan

John / Graham,

The forward action plan (below and attached) aims to address all of the action items you have provided as a result of the rig event and subsequent investigation.

TXD180 Mast Fall Event: P&G Inspector Findings: Forward Action Plan		Responsibility for Completion	13/09/2011	14/09/2011	15/09/2011
4	Tasks already completed				
5	Provide Wood Group Wagners (WGW) SOP's	SH			
6	Ensure Toolbox meetings are documented on noted form, date and time entered, for each and every toolbox meeting	ST/SH			
7	Safety Management System Improvement Items				
8	Develop WestSide bridging document linking to WGW and all subcontractors involved with rig operation	RJC/DC			
9	Provide evidence of contractors SafeOp and P&G Legislation compliance – commence	RJC/DC			
10	Review WGW SOP's determine if any SOP's are required to be developed to ensure all routine work activities	MS			
11	Review WestSide and WGW Management of Change process, ensure process is implemented to engineering changes to plant etc.	RJC/DC			
12	Develop specific Site Safety Manager training competency matrix and commence delivery of training	DC			
13	Review JSA system in order to improve and ensure the system is more robust	MS			
14	Provide WGW SOP Training Records (including details of trainer qualifications)	DC			
15	Update drilling crew competency matrix. Determine gaps and set action plan to address skill gaps.	DC			
16	Provide maintenance crew competency matrix (Compare trade qualifications etc. with assigned maintenance tasks)	DC/RJC			
17	Provide evidence of contractors SafeOp and P&G Legislation compliance – complete	RJC/DC			

C Rig Recovery Items				
23	Provide Inspectorate with current Hydraulic Schematics for rig	RC		
24	Perform rig stabilising risk assessment (all risk assessments to be lead by G2 trained risk assessor)	MS		
25	Perform rig move risk assessment (from current position to stable/safe position on location)	MS		
26	Perform hydraulic ram removal risk assessment (multi crane lift)	MS		
27	Perform rig transportation (from site to repair location) risk assessment	MS		
28	Develop JSA's and SWP's for each task as per developed risk assessments	ST/SH		
29	Provide risk assessments, JSA's and SWP's to P&G Inspectorate for review and approval	RJC		
29	Obtain approval for commencement of works (as per risk assessments, JSA's and SWP's) and commence works	RJC		
21	Remove rams and transport to 3rd party for video recorded inspection / disassembly	RC		
Rig Repair / Return to Service Items (Dates dependent on Rig Recovery Action completion timing)				
22	Relocate rams to repair location (on completion of video recorded inspection; when P&G Inspectorate inspection is complete)	RC		
23	Perform and complete rig repairs	RC		
24	Inspect rig for full compliance (by competent entity)	RC/RJC		
25	Obtain approval from P&G Inspectorate to return to drilling operations	RJC		

Legend	DC	MS	RC	RJC	SH	ST

Section 78B(2) RTI Act

In conjunction with this proposed plan, Ray Cowie will forward advice / information from Schramm regarding the mast removal.

The advice is to remove the hydraulic rams for inspection while leaving the mast attached to the rig.

Once Ray has provided the information from Schramm, hoping to be able to set up a quick call to discuss this advice with you later today.

Regards

Russell Churchett
HSE Manager

Description: Description
 Description: Description.

Section 78B(2) RTI Act
 Direct: 07 3020 0905
 Office: 07 3020 0900
 Fax: 07 3020 0999
 Email: russell.churchett@westsidecorporation.com
 Web: www.westsidecorporation.com
 Address: Level 8, 300 Queen Street, Brisbane QLD 4000
 Postal: GPO Box 1121, Brisbane QLD 4001

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From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Friday, 16 September 2011 4:19 PM
To: Wright John
Cc: McWilliam Mick
Subject: RE: WestSide TXD180 Ram Removal - For your review
 John,

That is correct.

Below is the relevant sections of the updated proposed work plan for your consideration (the remainder of the work plan, prior to point #21 remains unchanged).

Points 21 and 22 relate to the rams being removed, sent to Rockhampton Hydraulics for inspection, and then sent to Brisbane once you and Mick conduct the investigations and authorise them to be ready for transporting.

Points 23 to 25 relate to Westside getting the rig transported to Brisbane and coordinating the mast inspection with you and Mick, at the Schramm repairer's workshop.

Points 26 and 27 are the same as the original work plan in regards to post repair inspection and approval from your office prior to the rig returning to drilling operations.

Additional points:

- 1) We have maintained the exclusion zone around the rig for the weekend. On Monday we will conduct a final internal review of the risk assessments and safe work procedures.
- 2) Expecting to have some details regarding the diesel mechanics hydraulics competencies on Monday.

TXD180 Mast Fall Event: P&G Inspector Findings: Forward Action Plan		Responsibility for Completion	13/09/2011	14/09/2011	15/09/2011
Rig Recovery Items					
21	Remove rams and transport to 'Rockhampton Hydraulics' party for video recorded inspection / disassembly	RC			
Rig Repair / Return to Service Items (Dates dependent on Rig Recovery Action completion timing)					
22	Relocate rams to Brisbane repair location (on completion of video recorded inspection; when P&G Inspectorate inspection is complete)	RC			
23	Relocate rig to Brisbane workshop (Schramm repairer)	RC			
24	Coordinate mast inspection / investigation requirements with P&G Inspectorate (to be performed at the Brisbane Schramm repairer)	RJC			
25	Commence mast removal/repairs (and all other rig repairs)	RC			
26	Inspect rig for full compliance (by competent entity)	RC/RJC			
27	Obtain approval from P&G Inspectorate to return to drilling operations	RJC			

RTI DL RELEASE - DNRM

Legend	DC	Section 78B(2) RTI Act
	MS	
	RC	
	RJC	
	SH	
	ST	

Regards

Russell Churchett
HSE Manager



Direct: 07 3020 0905
 Office: 07 3020 0900
 Fax: 07 3020 0999
 Email: russell.churchett@westsidecorporation.com
 Web: www.westsidecorporation.com
 Address: Level 8, 300 Queen Street, Brisbane QLD 4000
 Postal: GPO Box 1121, Brisbane QLD 4001

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From: Wright John [mailto:John.Wright@deedi.qld.gov.au]
Sent: Friday, 16 September 2011 3:33 PM
To: Russell Churchett
Cc: McWilliam Mick
Subject: RE: WestSide TXD180 Ram Removal - For your review

Russell

Release

From my understanding of your email you would prefer to relocate the rig to a workshop before removing the mast. This may be an acceptable option with a few conditions. Can you give me more details on your proposed plan?

Regards

John Wright
Regional Petroleum and Gas Inspector
Department of Employment Economic Development and Innovation
Safety and Health Division
Level 5, 34 East Street
Rockhampton 4700
Phone 0749384682
Fax 0749384331
4948 [redacted] - Mobile phone
Email john.wright@deedi.qld.gov.au

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From: Russell Churchett [<mailto:russell.churchett@westsidecorporation.com>]
Sent: Friday, 16 September 2011 2:52 PM
To: Wright John
Cc: Rasmussen Graham; Ray Cowie
Subject: WestSide TXD180 Ram Removal - For your review

John,

Details regarding the proposed hydraulic ram removal only; in comparison to the full mast removal, for your review.

- Schramm (OEM) have advised that a mast removal, on the current site, is not required to remove the hydraulic ram for inspection/investigation
- The hydraulic ram is able to removed easily and safely on site without the need to lift or replace the mast
- OEM has advised mast removal is a task of significant risk in the field setting in comparison to a mast removal conducted in an appropriately equipped workshop.
- Loss assessor (Marsh) have also advised against a mast removal on site due to the increased risk, in conjunction with the mast removal (on site) being detrimental to the overall repair / recovery of the rig.

In summary:

- We are seeking your acceptance for us to not remove the mast and only perform the hydraulic ram removal.
- As discussed we would schedule the ram removal for next week and provide you/Mick McWilliam as much notice as possible, to enable you to be present for the ram removal if at all possible.
- Additionally, once the rams are removed we will ensure that they remain in the same state/condition as at the time of the event and will ship them to Rockhampton Hydraulics for inspection/investigation as discussed at the teleconference on Tuesday.

Keen to get your response on this matter.

Regards

Russell Churchett
HSE Manager

Description: Description:
Description: Description:

Direct: 07 3020 0905

Office: 07 3020 0900
Fax: 07 3020 0999
Email: russell.churchett@westsidecorporation.com
Web: www.westsidecorporation.com
Address: Level 8, 300 Queen Street, Brisbane QLD 4000
Postal: GPO Box 1121, Brisbane QLD 4001

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From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Monday, 19 September 2011 4:22 PM
To: Wright John
Subject: RE: WestSide TXD180 Ram Removal - update
Thanks John, much appreciated.

From: Wright John [mailto:John.Wright@deedi.qld.gov.au]
Sent: Monday, 19 September 2011 4:06 PM
To: Russell Churchett
Subject: RE: WestSide TXD180 Ram Removal - update

Hi Russell

I will get back to you in the morning.

Regards

John Wright
Regional Petroleum and Gas Inspector
Department of Employment Economic Development and Innovation
Safety and Health Division
Level 5, 34 East Street
Rockhampton 4700
Phone 0749384682
Fax 0749384331
4088h4 - Mobile phone
Email john.wright@deedi.qld.gov.au

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From: Russell Churchett [mailto:russell.churchett@westsidecorporation.com]
Sent: Monday, 19 September 2011 12:12 PM
To: Wright John; Rasmussen Graham
Cc: McWilliam Mick; Ray Cowie
Subject: WestSide TXD180 Ram Removal - update

John,

We are planning on removing the exclusion zone and progressing with the work plan today (after final internal review of risk assessments etc.), as discussed on Friday.

Keen to get your feedback on the updated work plan proposal below (regarding cylinder/ram removal and inspection).

Also as discussed will be back in touch with you tomorrow (at the latest) regarding the timing of the cylinder/ram removal to see if you/Mick are able to be present for this.

Regards

Russell

0730206905 / Section 78B(2) RTI Act

From: Russell Churchett
Sent: Friday, 16 September 2011 4:19 PM
To: 'Wright John'
Cc: McWilliam Mick
Subject: RE: WestSide TXD180 Ram Removal - For your review

John,

That is correct.

Below is the relevant sections of the updated proposed work plan for your consideration (the remainder of the work plan, prior to point #21 remains unchanged).

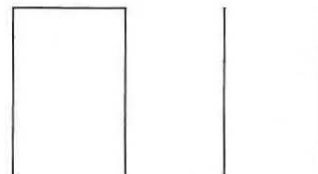
Points 21 and 22 relate to the rams being removed, sent to Rockhampton Hydraulics for inspection, and then sent to Brisbane once you and Mick conduct the investigations and authorise them to be ready for transporting.

Points 23 to 25 relate to Westside getting the rig transported to Brisbane and coordinating the mast inspection with you and Mick, at the Schramm repairer's workshop.

Points 26 and 27 are the same as the original work plan in regards to post repair inspection and approval from your office prior to the rig returning to drilling operations.

Additional points:

- 1) We have maintained the exclusion zone around the rig for the weekend. On Monday we will conduct a final internal review of the risk assessments and safe work procedures.
- 2) Expecting to have some details regarding the diesel mechanics hydraulics competencies on Monday.



TXD180 Mast Fall Event: P&G Inspector Findings: Forward Action Plan		Responsibility for Completion	13/09/2011	14/09/2011	15/09/2011
Rig Recovery Items					
21	Remove rams and transport to 'Rockhampton Hydraulics' party for video recorded inspection / disassembly	RC			
Rig Repair / Return to Service Items (Dates dependent on Rig Recovery Action completion timing)					
22	Relocate rams to Brisbane repair location (on completion of video recorded inspection; when P&G Inspectorate inspection is complete)	RC			
23	Relocate rig to Brisbane workshop (Schramm repairer)	RC			
24	Coordinate mast inspection / investigation requirements with P&G Inspectorate (to be performed at the Brisbane Schramm repairer)	RJC			
25	Commence mast removal/repairs (and all other rig repairs)	RC			
26	Inspect rig for full compliance (by competent entity)	RC/RJC			
27	Obtain approval from P&G Inspectorate to return to drilling operations	RJC			

Legend	
DC	Section 78B(2) RTI Act
MS	
RC	
RJC	
SH	
ST	

Regards

Russell Churchett
HSE Manager

Description: Description:
Description: Description:

Direct: 07 3020 0905

Section 78B(2) RTI Act

Office: 07 3020 0900
Fax: 07 3020 0999
Email: russell.churchett@westsidecorporation.com
Web: www.westsidecorporation.com
Address: Level 8, 300 Queen Street, Brisbane QLD 4001
Postal: GPO Box 1121, Brisbane QLD 4001

From: Wright John [<mailto:John.Wright@deed.qld.gov.au>]
Sent: Friday, 16 September 2011 3:33 PM
To: Russell Churchett
Cc: McWilliam Mick
Subject: RE: WestSide TXD180 Ram Removal - For your review

Russell

From my understanding of your email you would prefer to relocate the rig to a workshop before removing the mast. This may be an acceptable option with a few conditions. Can you give me more details on your proposed plan?

Regards

John Wright
Regional Petroleum and Gas Inspector
Department of Employment Economic Development and Innovation
Safety and Health Division
Level 5, 34 East Street
Rockhampton 4700
Phone 0749384682
Fax 0749384331
49-Sch4 - Mobile phone
Email john.wright@deed.qld.gov.au

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<[www.HYPERLINK "http://www.goldcoast2018bid.com/goldcoast2018bid.com"](http://www.goldcoast2018bid.com/goldcoast2018bid.com)>

From: Russell Churchett [<mailto:russell.churchett@westsidecorporation.com>]
Sent: Friday, 16 September 2011 2:52 PM
To: Wright John
Cc: Rasmussen Graham; Ray Cowie
Subject: WestSide TXD180 Ram Removal - For your review

John,

Details regarding the proposed hydraulic ram removal only; in comparison to the full mast removal, for your review.

- Schramm (OEM) have advised that a mast removal, on the current site, is not required to remove the hydraulic ram for inspection/investigation
- The hydraulic ram is able to removed easily and safely on site without the need to lift or replace the mast.
- OEM has advised mast removal is a task of significant risk in the field setting in comparison to a mast removal conducted in an appropriately equipped workshop.
- Loss assessor (Marsh) have also advised against a mast removal on site due to the increased risk, in conjunction with the mast removal (on site) being detrimental to the overall repair / recovery of the rig.

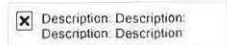
In summary:

- We are seeking your acceptance for us to not remove the mast and only perform the hydraulic ram removal.
- As discussed we would schedule the ram removal for next week and provide you/Mick McWilliam as much notice as possible, to enable you to be present for the ram removal if at all possible.
- Additionally, once the rams are removed we will ensure that they remain in the same state/condition as at the time of the event and will ship them to Rockhampton Hydraulics for inspection/investigation as discussed at the teleconference on Tuesday.

Keen to get your response on this matter.

Regards

Russell Churchett
HSE Manager



Direct: 07 3020 0905

Section 78B(2) RTI Act

Office: 07 3020 0900

Fax: 07 3020 0999

Email: russell.churchett@westsidecorporation.com

Web: www.westsidecorporation.com

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RTI/DL RELEASE - DNR/M

From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Friday, 9 September 2011 1:21 PM
To: Wright John
Cc: Rasmussen Graham; Regan Koczorowski; Peter Dingle; Ray Cowie; Broadfoot Andrew
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification
 John,

No problem at all.

Shall arrange the interviews to commence at 1000am for sure.

Shall send through list of names shortly.

Regards

Russell Churchett
HSE Manager

Description: Description:
 Description: Description:

Direct: 07 3020 0905

Section 78B(2) RTI Act

Office: 07 3020 0900

Fax: 07 3020 0999

Email: russell.churchett@westsidecorporation.com

Web: www.westsidecorporation.com

Address: Level 8, 300 Queen Street, Brisbane QLD 4000

Postal: GPO Box 1121, Brisbane QLD 4001

From: Wright John [mailto:John.Wright@deedi.qld.gov.au]
Sent: Friday, 9 September 2011 1:11 PM
To: Russell Churchett; Rasmussen Graham
Cc: Regan Koczorowski; Peter Dingle; Ray Cowie; Broadfoot Andrew
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Russell

We were planning on being on site about 9.45am. If you can arrange for all the rig crew and contractors that were in the area at the time of the incident to meet us at the Moura office we will commence the interviews at 10 am and await your arrival for the site visit. Can you please provide the names of all people who were in any way involved with the incident?

Thank you

Regards

John Wright

From: Russell Churchett [mailto:russell.churchett@westsidecorporation.com]
Sent: Friday, 9 September 2011 12:15 PM
To: Wright John; Rasmussen Graham
Cc: Regan Koczorowski; Peter Dingle; Ray Cowie
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

John / Graham,

Release

Ray Cowie will be driving up to site on Monday from Brisbane.

I will be flying into Rocky and driving in from there – should be there by 1130 if all goes well.

Suggest we make a time to meet at our Moura base at 1200 on Monday and progress direct to the rig from there.

Moura Base address is 28-30 Okano Street, Moura

Regards

Russell Churchett

HSE Manager

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Direct: 07 3020 0905

Section 78B(2) RTI Act

Office: 07 3020 0900

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Email: russell.churchett@westsidecorporation.com

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Address: Level 8, 300 Queen Street, Brisbane QLD 4000

Postal: GPO Box 1121, Brisbane QLD 4001

From: Wright John [<mailto:John.Wright@deedi.qld.gov.au>]

Sent: Friday, 9 September 2011 11:37 AM

To: Rasmussen Graham; Russell Churchett

Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Russell

Ensure site is secured and barricaded. I want you to maintain a signed log sheet of all personnel entering the drill rig site until such time as we arrive on Monday.

Regards

John Wright

From: Rasmussen Graham

Sent: Friday, 9 September 2011 11:27 AM

To: Wright John

Subject: FW: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Graham Rasmussen

Senior Petroleum and Gas Inspector

Safety and Health, Central Region

Mines

Department of Employment Economic Development and Innovation

16-32 Enterprise Street

Bundaberg QLD 4670

Phone 07 41315723

Fax 07 41315895

Mobile [redacted] - Mobile phone

Email graham.rasmussen@deedi.qld.gov.au

www.dme.qld.gov.au

www.deedi.qld.gov.au

Vision : Our Industries Free of Safety and Health Incidents.

From: Russell Churchett [<mailto:russell.churchett@westsidecorporation.com>]

Sent: Friday, 9 September 2011 11:02 AM

To: Rasmussen Graham

Cc: Ray Cowie; Simon Mewing; Gerard McKay; darren.cowan@woodgroupwagners.com;

Steven.hicks@woodgroupwagners.com; Bob Balkenbush (bob.balkenbush@woodgroupwagners.com); Peter Dingle

Subject: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Graham,

Initial notification is attached. Please contact me if there are any further queries.

See you on Monday.

Regards

Russell Churchett

HSE Manager

Description: Description:
Description: Description:

Direct: 07 3020 0905

Section 78B(2) RTI Act

Office: 07 3020 0900

Fax: 07 3020 0999

Email: russell.churchett@westsidecorporation.com

Web: www.westsidecorporation.com

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RTI DL RELEASE - DNRM

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RTI DL RELEASE - DNRRM

From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Friday, 9 September 2011 12:15 PM
To: Wright John; Rasmussen Graham
Cc: Regan Koczorowski; Peter Dingle; Ray Cowie
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification
 John / Graham,

Ray Cowie will be driving up to site on Monday from Brisbane.

I will be flying into Rocky and driving in from there – should be there by 1130 if all goes well.

Suggest we make a time to meet at our Moura base at 1200 on Monday and progress direct to the rig from there.

Moura Base address is 28-30 Okano Street, Moura

Regards

Russell Churchett
HSE Manager

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Direct: 07 3020 0905

Section 78B(2) RTI Act

Office: 07 3020 0900

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Email: russell.churchett@westsidecorporation.com

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Address: Level 8, 300 Queen Street, Brisbane QLD 4000

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From: Wright John [mailto:John.Wright@deedi.qld.gov.au]
Sent: Friday, 9 September 2011 11:37 AM
To: Rasmussen Graham; Russell Churchett
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Russell

Ensure site is secured and barricaded. I want you to maintain a signed log sheet of all personnel entering the drill rig site until such time as we arrive on Monday.

Regards

John Wright

From: Rasmussen Graham
Sent: Friday, 9 September 2011 11:27 AM
To: Wright John
Subject: FW: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Graham Rasmussen
 Senior Petroleum and Gas Inspector

Safety and Health, Central Region
 Mines
 Department of Employment Economic Development and Innovation
 16-32 Enterprise Street
 Bundaberg QLD 4670
 Phone 07 41315723
 Fax 07 41315895
 Mobile Sch4 - Mobile phone
 Email graham.rasmussen@deedi.qld.gov.au

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From: Russell Churchett [<mailto:russell.churchett@westsidecorporation.com>]
Sent: Friday, 9 September 2011 11:02 AM
To: Rasmussen Graham
Cc: Ray Cowie; Simon Mewing; Gerard McKay; darren.cowan@woodgroupwagners.com;
Steven.hicks@woodgroupwagners.com; Bob Balkenbush (bob.balkenbush@woodgroupwagners.com); Peter Dingle
Subject: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Graham,

Initial notification is attached. Please contact me if there are any further queries.

See you on Monday.

Regards

Russell Churchett
HSE Manager

Description: Description:
 Description: Description

Direct: 07 3020 0905

Section 78B(2) RTI Act

Office: 07 3020 0900

Fax: 07 3020 0999

Email: russell.churchett@westsidecorporation.com

Web: www.westsidecorporation.com

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RTI DL RELEASE - DNR/M

Release

From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Friday, 9 September 2011 3:52 PM
To: Wright John
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification
John,

Will get the rig personnel to forward to me asap and will send straight to you.

Regards

Russell

From: Wright John [mailto:John.Wright@deedi.qld.gov.au]
Sent: Friday, 9 September 2011 3:26 PM
To: Russell Churchett
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Russell

Can you email me the safe work procedures for this activity and JSA and toolbox meeting notes.

Thanks
John Wright

From: Russell Churchett [mailto:russell.churchett@westsidecorporation.com]
Sent: Friday, 9 September 2011 1:21 PM
To: Wright John
Cc: Rasmussen Graham; Regan Koczorowski; Peter Dingle; Ray Cowie; Broadfoot Andrew
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

John,

No problem at all.

Shall arrange the interviews to commence at 1000am for sure.

Shall send through list of names shortly.

Regards

Russell Churchett
HSE Manager

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Fax: 07 3020 0999

Email: russell.churchett@westsidecorporation.com

Web: www.westsidecorporation.com

RTI DL RELEASE - DNRM

Address: Level 8, 300 Queen Street, Brisbane QLD 4000
 Postal: GPO Box 1121, Brisbane QLD 4001

From: Wright John [<mailto:John.Wright@deedi.qld.gov.au>]
Sent: Friday, 9 September 2011 1:11 PM
To: Russell Churchett; Rasmussen Graham
Cc: Regan Koczorowski; Peter Dingle; Ray Cowie; Broadfoot Andrew
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Russell

We were planning on being on site about 9.45am. If you can arrange for all the rig crew and contractors that were in the area at the time of the incident to meet us at the Moura office we will commence the interviews at 10 am and await your arrival for the site visit. Can you please provide the names of all people who were in any way involved with the incident?

Thank you

Regards

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John / Graham,

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Suggest we make a time to meet at our Moura base at 1200 on Monday and progress direct to the rig from there.

Moura Base address is 28-30 Okano Street, Moura

Regards

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HSE Manager

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Sent: Friday, 9 September 2011 11:37 AM
To: Rasmussen Graham; Russell Churchett
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Russell

Ensure site is secured and barricaded. I want you to maintain a signed log sheet of all personnel entering the drill rig site until such time as we arrive on Monday.

Regards

John Wright

From: Rasmussen Graham
Sent: Friday, 9 September 2011 11:27 AM
To: Wright John
Subject: FW: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Graham Rasmussen
Senior Petroleum and Gas Inspector
Safety and Health, Central Region
Mines
Department of Employment Economic Development and Innovation
16-32 Enterprise Street
Bundaberg QLD 4670
Phone 07 41315723
Fax 07 41315895
Mobile - Sch4 - Mobile phone
Email graham.rasmussen@deedi.qld.gov.au

www.dme.qld.gov.au
www.deedi.qld.gov.au

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RTI/DL RELEASE - DNRM

From: Russell Churchett [<mailto:russell.churchett@westsidecorporation.com>]
Sent: Friday, 9 September 2011 11:02 AM
To: Rasmussen Graham
Cc: Ray Cowie; Simon Mewing; Gerard McKay; darren.cowan@woodgroupwagners.com;
Steven.hicks@woodgroupwagners.com; Bob Balkenbush (bob.balkenbush@woodgroupwagners.com); Peter Dingle
Subject: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Graham,

Initial notification is attached. Please contact me if there are any further queries.

See you on Monday.

Regards

Russell Churchett
HSE Manager

Description: Description:
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Direct: 07 3020 0905

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Office: 07 3020 0900

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RTI DL RELEASE - DNPA

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From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Friday, 9 September 2011 11:40 AM
To: Wright John; Rasmussen Graham
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification
John,

Will ensure this is implemented immediately

Regards

Russell Churchett
HSE Manager

Description: Description:
Description: Description:

Direct: 07 3020 0905

Section 78B(2) RTI Act

Office: 07 3020 0900

Fax: 07 3020 0999

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Address: Level 8, 300 Queen Street, Brisbane QLD 4000

Postal: GPO Box 1121, Brisbane QLD 4001

RTI DE RELEASE - DNRM

From: Wright John [mailto:John.Wright@deedi.qld.gov.au]
Sent: Friday, 9 September 2011 11:37 AM
To: Rasmussen Graham; Russell Churchett
Subject: RE: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Russell

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Regards

John Wright

From: Rasmussen Graham
Sent: Friday, 9 September 2011 11:27 AM
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Subject: FW: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Graham Rasmussen
Senior Petroleum and Gas Inspector
Safety and Health, Central Region
Mines
Department of Employment Economic Development and Innovation
16-32 Enterprise Street
Bundaberg QLD 4670
Phone 07 41315723
Fax 07 41315895
Mobile 07 41315895 - Sch4 - Mobile phone

Email graham.rasmussen@deedi.qld.gov.au

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From: Russell Churchett [<mailto:russell.churchett@westsidecorporation.com>]
Sent: Friday, 9 September 2011 11:02 AM
To: Rasmussen Graham
Cc: Ray Cowie; Simon Mewing; Gerard McKay; darren.cowan@woodgroupwagners.com;
Steven.hicks@woodgroupwagners.com; Bob Balkenbush (bob.balkenbush@woodgroupwagners.com); Peter Dingle
Subject: WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification

Graham,

Initial notification is attached. Please contact me if there are any further queries.

See you on Monday.

Regards

Russell Churchett
HSE Manager

Description: Description:
Description: Description:

Direct: 07 3020 0905
Section 78B(2) RTI Act
Office: 07 3020 0900
Fax: 07 3020 0999
Email: russell.churchett@westsidecorporation.com
Web: www.westsidecorporation.com
Address: Level 8, 300 Queen Street, Brisbane QLD 4000
Postal: GPO Box 1121, Brisbane QLD 4001

DL RELEASE - DNRM

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PJSM

9-9-11

Remove all non-essential persons -

Remove pins x4

Raise feet

SLID MAST DOWN

Raise feet

SLID MAST DOWN

REMOVE MAST PINS x2

Cycle Rams 55°

RAISE RAMS 90°

LOWER MAST -

RTI DL RELEASE - DNRM

49-Sch4 - Signature

STANDARD WORK PROCEDURE



SWP TITLE: LOWERING MAST ON THE SCHRAMM TXD 01
SWP CODE: WGW 0175 MSU

RISK RANK
BLUE
MOD - 10

PURPOSE

The purpose of this SWP is to outline all the steps, hazards and controls for the task of **Lower the mast on the SCHRAMM TXD 01 rig**, as part of a rig's normal operation.

SCOPE

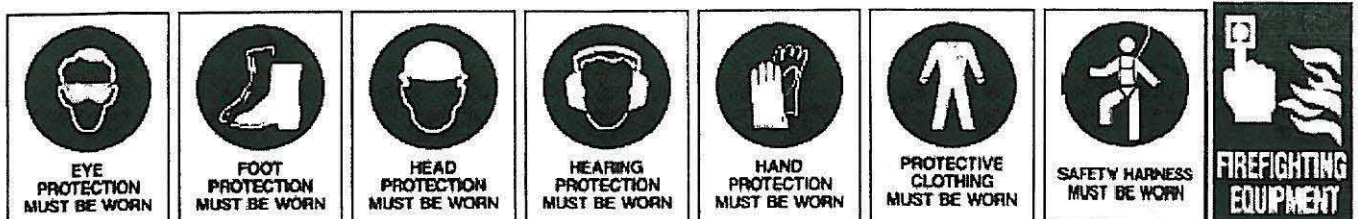
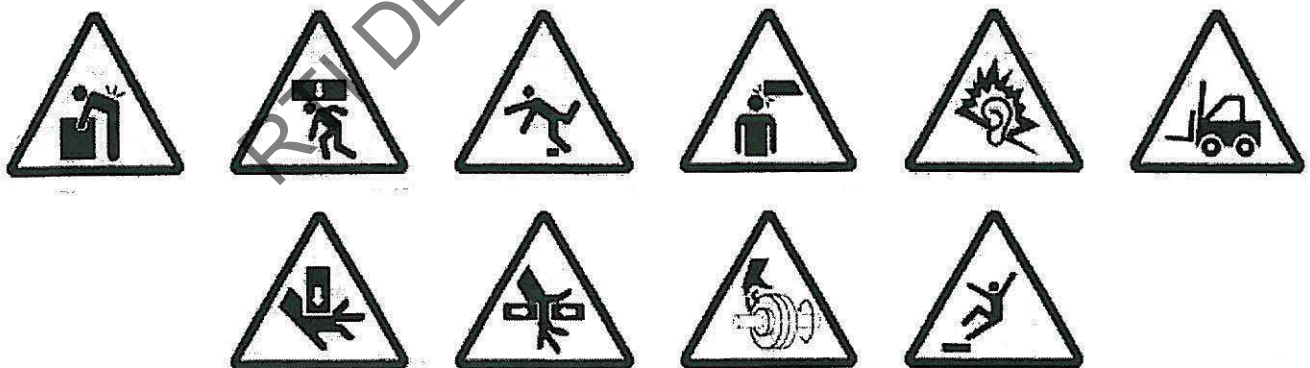
The scope of this work procedure applies to **Lowering the mast on the SCHRAMM TXD 01 rig** and is intended to outline requirements for the work activity and use of any personal protective equipment. This procedure shall be read in association with other standard work procedures and the operator's manual for the equipment.

This document applies Wood Group Wagners personnel, subcontractors and visitors involved in the task of **Lowering the mast on the SCHRAMM TXD 01 rig**. It should be noted that this SWP applies only to the SCHRAMM TXD rig and the drilling method to which this SWP describes.

This SWP can be affected by many variables such as changes in environmental conditions (e.g. weather), rig setups and drilling methods. Where any variation to this procedure is identified a **JSEA** must be completed before commencing the task. Variations can then be approved by the site Supervisor before commencing the task.

NOTE: When the task is completed for one-off variations, the JSEA must be removed from service.

HAZARDS AND CONTROLS



The PPE pictured above must be worn at all times during this task.

Release

STANDARD WORK PROCEDURE



WAGNERS

SWP TITLE: LOWERING MAST ON THE SCHRAMM TXD 01
SWP CODE: WGW 0175 MSU

RISK RANK
BLUE
MOD - 10

HAZARD CONTROL QUICK REFERENCE

- Ensure work area is free from slip and trip hazards;
- Use appropriate lighting if performing the task at night or in low light conditions;
- Always use warning signs and high visibility demarcation (fencing) to clearly show danger area;
- Ensure the area where the task is conducted has sufficient room for the safe movement of personnel and vehicles.
- ALL personnel on drill site **MUST** be aware of the situation & conditions and understand the dangers associated;
- PPE must be worn at all times;
- Ensure safe working area; and
- Ensure work area is clear and free from clutter.

PREPARATION

1. Hold a pre-job meeting. At this meeting all personnel should be made aware of their tasks and the job ahead discussed thoroughly until all know their tasks.

● **WARNING** – Ensure that personnel in critical positions and given critical tasks are up to the job and have sufficient training and confidence.

PROCEDURE

1. Remove pins from underside of mast and visually inspect mast for any potential hazards.
2. Position rig personnel on both sides of the carrier to watch for any pinch points for hydraulic lines or lines / cable hanging up.

 **Caution** – Ensure hands and feet and personnel are clear when moving.

3. Loosen guide ropes.
4. **Remove pins from Mast feet**
5. **Raise feet on mast slide 4 inches**
6. **Slide mast down**
7. **Continue 5&6 until mast is slid all the way down.**
8. **Remove mast tilt pins, make sure all personnel are clear and fall zone clear.**
9. **Very slowly tilt mast to 70 degrees and slide all the way down if not already down.**

Release

STANDARD WORK PROCEDURE



SWP TITLE: LOWERING MAST ON THE SCHRAMM TXD 01
SWP CODE: WGW 0175 MSU

RISK RANK
BLUE
MOD - 10

10. Lower mast until all the way down –remember to watch the ariel and cables and hoses.

RESPONSIBILITY

The driller shall ensure that all crew members have been trained and assessed as competent on this task before undertaking it. The driller shall maintain full supervision of crew that are learning how to complete this task. The driller shall carry out a JSEA with crew participation as required.

It is the drillers' responsibility to ensure that safety is not compromised at any stage of the process.

The driller shall ensure that all personnel are aware of the hazards associated with this process and be out of the high risk areas.

Drill crew must refer to and sign off on any applicable SWPs mentioned in the procedure.

REFERENCE MATERIAL TO SUPPORT THIS SWP

- Material Safety Data Sheets (MSDS) for all products on site including products specific to this SWP;
- Relevant forms to support drill site management (E.g. pre-starts, JSEA, Take 5, BBS, hazard reports);
- Standard Work Procedure manual;
- Drill rig operation and maintenance manual; and
- Auxiliary plant and equipment operation and maintenance manuals (E.g. lighting plant, compressors and pumps).

This material must be available on the drill site for reference by the crew. Where it is not available it can be ordered through your Supervisor.

REVISION REGISTER

Version	Revision Date	Modification	By	Reviewed	Approved
1	15-2-10	Proof read and formatted			
2	30/06/2010	Changed			
3	14/07/2010	Formatted			

Section 78B(2) RTI Act

Wood Group Wagners- Personnel Signoff Sheet.

Name	Position	Date	Signature

STANDARD WORK PROCEDURE



SWP TITLE: LOWERING MAST ON THE SCHRAMM TXD 01
SWP CODE: WGW 0175 MSU

RISK RANK
BLUE
MOD - 10

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From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Friday, 16 September 2011 1:12 PM
To: Wright John; Rasmussen Graham
Cc: Ray Cowie
Subject: TXD180 - Hydraulic Schematics

Attachments: DSC_0792.jpg
John,

Attached is a photo image of the hydraulic schematics. The hard copy of this schematic is a A1 or bigger laminated sheet located at the rig. At present there is not a soft copy to provide.

If the photo is pasted onto the Microsoft paint application it is able to be read and enlarged reasonably well.

Shall continue to chase an easier to navigate soft copy and forward to you.

Regards

Russell Churchett
HSE Manager

Description: Description:
Description: Description:

Direct: 07 3020 0905
Section 78B(2) RTI Act
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Fax: 07 3020 0999
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From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Wednesday, 14 September 2011 11:35 AM
To: Wright John; Rasmussen Graham
Cc: Simon Mewing; Ray Cowie; Peter Dingle; Bob Balkenbush (bob.balkenbush@woodgroupwagners.com); phillip.wilson@woodgroupwagners.com; darren.cowan@woodgroupwagners.com; darryl.crowder@woodgroupwagners.com; Steven.hicks@woodgroupwagners.com; Company Man; txd01.rig <txd01.rig@woodgroupwagners.com> (txd01.rig@woodgroupwagners.com); Randy Beier
Subject: WestSide / Wood Group Wagner - Forward Action Plan

Attachments: 2011 09 13 P&G Forward action plan.xlsx
 John / Graham,

The forward action plan (below and attached) aims to address all of the action items you have provided as a result of the rig event and subsequent investigation.

TXD180 Mast Fall Event: P&G Inspector Findings: Forward Action Plan		Responsibility for Completion	13/09/2011	14/09/2011	15/09/2011	16/09/2011	19/09/2011	20/09/2011	21/09/2011	22/09/2011	23/09/2011	26/09/2011	27/09/2011	28/09/2011	29/09/2011	30/09/2011	October	November	December	Completion Due	Actual Completion Date	
Tasks already completed																						
1	Provide Wood Group Wagners (WGW) SOP's	SH																			13/09/11	13/09/11
2	Ensure Toolbox meetings are documented on noted form, date and time entered, for each and every toolbox meeting	ST/SH																			13/09/11	13/09/11
Safety Management System Improvement Items																						
3	Develop WestSide bridging document linking to WGW and all subcontractors involved with rig operation	RJC/DC																			20/09/11	
4	Provide evidence of contractors SafeOp and P&G Legislation compliance – commence	RJC/DC																			30/09/11	
5	Review WGW SOP's determine if any SOP's are required to be developed to ensure all routine work activities	MS																			19/09/11	
6	Review WestSide and WGW Management of Change process, ensure process is implemented to engineering changes to plant etc.	RJC/DC																			19/09/11	
7	Develop specific Site Safety Manager training competency matrix and commence delivery of training	DC																			19/09/11	
8	Review JSA system in order to improve and ensure the system is more robust	MS																			19/09/11	
9	Provide WGW SOP Training Records (including details of trainer qualifications)	DC																			20/09/11	
10	Update drilling crew competency matrix. Determine gaps and set action plan to address skill gaps.	DC																			19/09/11	
11	Provide maintenance crew competency matrix (Compare trade qualifications etc. with assigned maintenance tasks)	DC/RJC																			29/09/11	
12	Provide evidence of contractors SafeOp and P&G Legislation compliance – complete	RJC/DC																			30/09/11	
Rig Recovery Items																						
13	Provide Inspectorate with current Hydraulic Schematics for rig	RC																			14/09/11	
14	Perform rig stabilising risk assessment (all risk assessments to be lead by G2 trained risk assessor)	MS																			14/09/11	
15	Perform rig move risk assessment (from current position to stable/safe position on location)	MS																			14/09/11	
16	Perform hydraulic ram removal risk assessment (multi crane lift)	MS																			14/09/11	
17	Perform rig transportation (from site to repair location) risk assessment	MS																			15/09/11	
18	Develop JSA's and SWP's for each task as per developed risk assessments	ST/SH																			15/09/11	
19	Provide risk assessments, JSA's and SWP's to P&G Inspectorate for review and approval	RJC																			15/09/11	
20	Obtain approval for commencement of works (as per risk assessments, JSA's and SWP's) and commence works	RJC																			20/09/11	
21	Remove rams and transport to 3rd party for video recorded inspection / disassembly	RC																			20/09/11	
Rig Repair / Return to Service Items (Dates dependent on Rig Recovery Action completion timing)																						
22	Relocate rams to repair location (on completion of video recorded inspection; when P&G Inspectorate inspection is complete)	RC																			TBD	
23	Perform and complete rig repairs	RC																			TBD	
24	Inspect rig for full compliance (by competent entity)	RC/RJC																			TBD	
25	Obtain approval from P&G Inspectorate to return to drilling operations	RJC																			TBD	

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Legend	DC	Section 78B(2) RTI Act
	MS	
	RC	
	RJC	
	SH	
	ST	

In conjunction with this proposed plan, Ray Cowie will forward advice / information from Schramm regarding the mast removal.

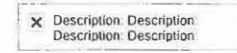
The advice is to remove the hydraulic rams for inspection while leaving the mast attached to the rig.

Release

Once Ray has provided the information from Schramm, hoping to be able to set up a quick call to discuss this advice with you later today.

Regards

Russell Churchett
HSE Manager



Direct: 07 3020 0905

Section 78B(2) RTI Act

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Release

From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Friday, 16 September 2011 2:52 PM
To: Wright John
Cc: Rasmussen Graham; Ray Cowie
Subject: WestSide TXD180 Ram Removal - For your review

Attachments: 2011 09 16 TXD180 Ram Removal Photos.pptx
John,

Details regarding the proposed hydraulic ram removal only; in comparison to the full mast removal, for your review.

- Schramm (OEM) have advised that a mast removal, on the current site, is not required to remove the hydraulic ram for inspection/investigation
- The hydraulic ram is able to removed easily and safely on site without the need to lift or replace the mast.
- OEM has advised mast removal is a task of significant risk in the field setting in comparison to a mast removal conducted in an appropriately equipped workshop.
- Loss assessor (Marsh) have also advised against a mast removal on site due to the increased risk, in conjunction with the mast removal (on site) being detrimental to the overall repair / recovery of the rig.

In summary:

- We are seeking your acceptance for us to not remove the mast and only perform the hydraulic ram removal.
- As discussed we would schedule the ram removal for next week and provide you/Mick McWilliam as much notice as possible, to enable you to be present for the ram removal if at all possible.
- Additionally, once the rams are removed we will ensure that they remain in the same state/condition as at the time of the event and will ship them to Rockhampton Hydraulics for inspection/investigation as discussed at the teleconference on Tuesday.

Keen to get your response on this matter.

Regards

Russell Churchett
HSE Manager

RTI DL RELEASE DNRPM

Description: Description:
Description: Description:

Direct: 07 3020 0905
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From: Russell Churchett [russell.churchett@westsidecorporation.com]
Sent: Monday, 19 September 2011 12:12 PM
To: Wright John; Rasmussen Graham
Cc: McWilliam Mick; Ray Cowie
Subject: WestSide TXD180 Ram Removal - update
 John,

We are planning on removing the exclusion zone and progressing with the work plan today (after final internal review of risk assessments etc.), as discussed on Friday.

Keen to get your feedback on the updated work plan proposal below (regarding cylinder/ram removal and inspection).

Also as discussed will be back in touch with you tomorrow (at the latest) regarding the timing of the cylinder/ram removal to see if you/Mick are able to be present for this.

Regards

Russell

0730200905 / 0419233776

From: Russell Churchett
Sent: Friday, 16 September 2011 4:19 PM
To: 'Wright John'
Cc: McWilliam Mick
Subject: RE: WestSide TXD180 Ram Removal - For your review

John,

That is correct.

Below is the relevant sections of the updated proposed work plan for your consideration (the remainder of the work plan, prior to point #21 remains unchanged).

Points 21 and 22 relate to the rams being removed, sent to Rockhampton Hydraulics for inspection, and then sent to Brisbane once you and Mick conduct the investigations and authorise them to be ready for transporting.

Points 23 to 25 relate to Westside getting the rig transported to Brisbane and coordinating the mast inspection with you and Mick, at the Schramm repairer's workshop.

Points 26 and 27 are the same as the original work plan in regards to post repair inspection and approval from your office prior to the rig returning to drilling operations.

Additional points:

1) We have maintained the exclusion zone around the rig for the weekend. On Monday we will conduct a final internal review of the risk assessments and safe work procedures.

2) Expecting to have some details regarding the diesel mechanics hydraulics competencies on Monday.

TXD180 Mast Fall Event: P&G Inspector Findings: Forward Action Plan		Responsibility for Completion	13/09/2011	14/09/2011	15/09/2011	16/09/2011	19/09/2011	20/09/2011	21/09/2011	22/09/2011	23/09/2011	26/09/2011	27/09/2011	28/09/2011	29/09/2011	30/09/2011	October	November	December	Completion Due	Actual Completion Date	
Rig Recovery Items																						
21	Remove rams and transport to 'Rockhampton Hydraulics' party for video recorded inspection / disassembly	RC																			20/09/11	
Rig Repair / Return to Service Items (Dates dependent on Rig Recovery Action completion timing)																						
22	Relocate rams to Brisbane repair location (on completion of video recorded inspection; when P&G Inspectorate inspection is complete)	RC																			TBD	
23	Relocate rig to Brisbane workshop (Schramm repairer)	RC																			30/09/2011	
24	Coordinate mast inspection / investigation requirements with P&G Inspectorate (to be performed at the Brisbane Schramm repairer)	RJC																			30/09/2011	
25	Commence mast removal/repairs (and all other rig repairs)	RC																			TBD	
26	Inspect rig for full compliance (by competent entity)	RC/RJC																			TBD	
27	Obtain approval from P&G Inspectorate to return to drilling operations	RJC																			TBD	

Legend	DC	MS	RC	RJC	SH	ST

Original plan Completion timing
 Revised Completion timing

Regards

Russell Churchett

Release

HSE Manager

X Description: Description
Description: Description

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Address: Level 8, 300 Queen Street, Brisbane QLD 4000
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From: Wright John [mailto:John.Wright@deedi.qld.gov.au]
Sent: Friday, 16 September 2011 3:33 PM
To: Russell Churchett
Cc: McWilliam Mick
Subject: RE: WestSide TXD180 Ram Removal - For your review

Russell

From my understanding of your email you would prefer to relocate the rig to a workshop before removing the mast. This may be an acceptable option with a few conditions. Can you give me more details on your proposed plan?

Regards

John Wright
Regional Petroleum and Gas Inspector
Department of Employment Economic Development and Innovation
Safety and Health Division
Level 5, 34 East Street
Rockhampton 4700
Phone 0749384682
Fax 0749384331
49 Sch4 - Mobile phone
Email john.wright@deedi.qld.gov.au

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Sent: Friday, 16 September 2011 2:52 PM
To: Wright John
Cc: Rasmussen Graham; Ray Cowie
Subject: WestSide TXD180 Ram Removal - For your review

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Regards

Russell Churchett
HSE Manager

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<p>STEP 1. Document Location and description of hazard on the work site. STEP 2. Define Work Activity STEP 3. Define Site Location, date of assessment and any PTW numbers that pertain to this assessment. STEP 4. List Team Members, their role and experience STEP 5. List any Reference Materials used STEP 6. Complete the Risk Analysis and Assessment Form STEP 7. If further controls are necessary, complete Risk Management Action Plan to implement STEP 8. Send document to appropriate reviewer & approver for sign off, then to HSEQ Dept to formalise into Safety Management System & include in Risk Register</p>	<p>Location of Hazard on work site: TXD Rig</p> <p>Description of Major Hazard: Bent front jack legs and Mast lift Rams.</p>																																
<p>Work Activity: Removing damaged rig components and secure site.</p>	<p>Site Location: Meridian site #36</p> <p>Date: 14 September 2011</p> <p>Work Permit Number (If Applicable): unknown until day work commences</p> <p>Work Procedure Name and Number (If Applicable):</p>																																
Risk Assessment Team Members																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">Name</th> <th style="width:20%;">Company</th> <th style="width:20%;">Position</th> <th style="width:20%;">Risk Assessment Role (Facilitator/Team Member)</th> <th style="width:10%;">Process /Task Experience</th> <th style="width:15%;">Signature</th> </tr> </thead> <tbody> <tr> <td rowspan="5" style="vertical-align: middle;">Section 78B(2) RTI Act</td> <td>WGW</td> <td>Rig Manager</td> <td>Team Member</td> <td></td> <td></td> </tr> <tr> <td>WGW</td> <td>Rig Manager</td> <td>Facilitator</td> <td></td> <td></td> </tr> <tr> <td>WGW</td> <td>Drilling & completions</td> <td>Team Member</td> <td></td> <td></td> </tr> <tr> <td>WGW</td> <td>Production & well services</td> <td>Team Member</td> <td></td> <td></td> </tr> <tr> <td>WGW</td> <td>HSE & Training Advisor</td> <td>Team Member</td> <td></td> <td></td> </tr> </tbody> </table>		Name	Company	Position	Risk Assessment Role (Facilitator/Team Member)	Process /Task Experience	Signature	Section 78B(2) RTI Act	WGW	Rig Manager	Team Member			WGW	Rig Manager	Facilitator			WGW	Drilling & completions	Team Member			WGW	Production & well services	Team Member			WGW	HSE & Training Advisor	Team Member		
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<p>KEY P – Probability C – Consequence R – Risk Ranking</p>	<p>Definitions Probability: The chance that something will happen. Consequence: The result of an action/event taking place. Risk Ranking: the score given to a risk after considering its actual consequence and the probability of it happening. Hazard: an Actual or Potential source of harm. Risk: The likelihood or Probability of harm resulting from a particular hazard. ALARP: As Low As Reasonably Practicable.</p>																																
<p>Site Manager/Supervisor: Section 78B(2) RTI Act</p>	<p>Signature:</p> <p>Date: 14 September 2011</p>																																
Additional Documentation References																																	



RISK ANALYSIS and ASSESSMENT FORM

Identify the potential incidents, causes and consequences. Discuss, consider and ask questions about potential human factors/errors slips/lapses, mistakes and shortcuts, fatigue and changes etc. Identify existing or current controls and review any prior similar incidents, assess each hazard for likelihood and consequence, allocate a Risk Ranking. Identify new or recommended controls, Reassess the Risk Ranking and score the residual risk.

No.	Task	Hazard/Danger	Current Control Measures	Risk Rating			ALARP Y/N	Further Recommended Controls	Residual Risk Rating		
				P	C	R			P	C	R
1	Remove any and all excess equipment from area	Slips, trips , falls, crush hazards, unstable rig and mast	Pre job safety meeting, rig chocked and spotters used at all times.	2	5	10	Y	All equipment must be moved to a position where it cannot interfere with potential escape routes or operational requirements.	2	5	10
2	Hook up crane to rig and take a test lift.	Slips, trips , falls, crush, pinch hazards, cables breaking, inexperienced operators	Qualified operators, Qualified and experienced Dogman, fit for purpose equipment all certified and current.	2	5	10	Y	Only the specified "Dogman" is to give operational instructions to the crane operators.	2	5	10
3	Connect batteries & remove steps and ladders from rig	Slips, trips, falls, crush and pinch points, sparks low voltage.	Pre job meeting, experienced operators, appropriate PPE for all members involved	2	3	6	Y		2	3	6
4	Remove walkways	Crush & pinch points,	Pre job meeting, appropriate PPE for all members involved.	2	3	6	Y		2	3	6
5	Lift load using crane company risk assessment and JSA.	Poor communication.	Pre job meeting, appropriate PPE for all members involved.	2	3	6	Y		2	3	6
6	Build up air in tank & Start rig.	Slips, trips, falls, crush & pinch points.	Pre job meeting, appropriate PPE for all members involved.	2	3	6	Y		2	3	6
7	Raise Rear legs with rig hydraulics and remove front legs.	Mechanical failure, height of hydraulic leavers.	Crane securing, spotters , exclusion zone, use EWP, appropriate PPE for all members involved.	2	5	10	Y	All personnel not required are to be moved well outside of the exclusion zone and are to remain there until otherwise directed by the rig manager	2	5	10
8	Remove concrete blocks and timbers with use of Manitou.	Crush points , splinters	Pre job meeting PPE – spotters , competent operators ,remove all un-essential personnel	2	5	10	Y	Blocks to be moved to a location that does not interfere with operational requirements and that cannot block potential escape routes.	2	5	10



9	Move rig away from pony base using crane company risk assessment and JSA.	Poor communication.	Pre job meeting	2	5	10	Y		2	5	10
10	Position float under rig.	Reversing truck, poor visibility, poor communication.	ITAC JSA and risk assessment, spotters, pre job safety meeting, clear communication.	1	4	4	Y		1	4	4
11	Lower load onto float	Crush, dropped objects, suspended loads.	Competent operators, fit for purpose equipment, pre job briefing, spotters, crane company JSA & RA.	2	5	10	Y	All personnel not required are to be moved well outside of the exclusion zone and are to remain there until otherwise directed by the rig manager, Only the specified "Dogman" is to give operational instructions to the crane operators.	2	5	10
12	Secure rig to float	Pinch points, falls, trips, slips, cuts, crush	PPE, correct WAH procedures, fit for purpose equipment, pre-job briefing.	2	3	6	Y	All personnel not required are to be moved well outside of the exclusion zone and are to remain there until otherwise directed by the rig manager, Only the specified "Dogman" is to give operational instructions to the crane operators.	2	3	6
13	Unhook cranes from rig	Poor communication, pinch points, crush points.	PPE, clear communication, pre-job briefing.	1	2	2	Y		1	2	2
14	Hook up single crane to crown end of mast.	Poor communication, pinch points, crush points.	PPE, correct WAH procedures, fit for purpose equipment, use of EWP, pre-job briefing.	1	2	2	Y		1	2	2
15	Shut down rig.	ESD failure.	Revert to secondary ESD.	1	1	1	Y		1	1	1
16	Unpin top pins from mast tilt rams	Dropped objects, pinch points, crush points.	Secure rams with soft line, PPE, pre-job briefing.	1	1	1	Y		1	1	1
17	Raise mast to a height to allow removal of mast tilt rams.	Dropped objects, partially suspended load, poor communication, poor rigging.	Certified equipment, competent dogman, clear communication, PPE, pre-job briefing.	2	3	6	Y		2	3	6

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17	Disconnect, tag, and cap hydraulic lines to mast tilt rams.	Pressure in lines, spilled fluids, dropped objects, partially suspended load, unidentifiable lines,	Identify and tag hydraulic lines, use spill containment, PPE, ensure rig engine is shut down, certified equipment, competent dogman, pre-job briefing.	1	1	1	Y		1	1	1
18	Hook up loader / stinger prior to removing lower tilt ram pins.	Pinch points, crush points, poor rigging, poor communication.	PPE, certified equipment, correct rigging, competent operator, pre-job briefing.	1	1	1	Y		1	1	1
19	Remove lower mast tilt ram pins.	Dropped objects, pinch points, crush points.	Secure rams with soft line, PPE, pre-job briefing.	1	1	1	Y		1	1	1
20	Remove tilt rams.	Dropped objects, suspended load, slips, trips, falls, pinch points, crush points, poor communication.	PPE, competent operator, absorbent matting, clear communication.	2	2	4	Y		2	2	4
21	Lower mast into cradle, unhook crane, and secure mast.	Dropped objects, pinch points, poor communication, crush points, mast hitting exhaust.	PPE, correct WAH procedures, fit for purpose equipment, pre-job briefing, spotters	1	2	2	Y		1	2	2
22	Start up rig engine and attempt to reposition auxiliary winches and control box.	Pinch points, falls, trips, slips, cuts, crush	PPE, correct WAH procedures, fit for purpose equipment, pre-job briefing	2	3	6	Y	All personnel not required are to be moved well outside of the exclusion zone and are to remain there until otherwise directed by the rig manager, Only the specified "Dogman" is to give operational instructions to the crane operators.	2	3	6
23	Release cranes										

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RISK MANAGEMENT ACTION PLAN

Document further controls as agreed by the risk assessment team, assign responsibilities and completion dates. Complete the monitoring / review mechanism, the date when the HSEQ Team should monitor the assessment for completion of Recommended Controls, and the date for scheduled review of the assessment to assess residual risk rating and effectiveness (must be at least within 24 months of the date of the assessment).

No:	Recommended Controls	Person/s Responsible	By When	Date Completed
1	JSA to be completed for crane lifts.	Dogman	22/09/2011	
2	All equipment must be certified (eg-lifting gear)	Dogman	22/09/2011	
3	All trucks must be registered,	Load Master	22/09/2011	
4	Pre job brief before each job.	Rig Manager	22/09/2011	
5	All tie down equipment to be fit for purpose.	Load Master	22/09/2011	
6	All operators to have required tickets.	Rig Manager	22/09/2011	
7	Full PPE required for all involved.	Safety Advisor	22/09/2011	
8	All non-essential people to be removed.	Rig Manager	22/09/2011	

MONITOR / REVIEW MECHANISM

Document the date reviews are required, who is responsible (position, e.g. Managing Director, HSEQ Manager, Site Manager, Risk Team etc) and set dates for monitoring action items and review of residual risk and effectiveness. The HSEQ Team shall enter monitoring & review requirements in the Risk Register and ensure timeframes are met, and ensure any requirements arising out of monitoring and review are actioned and documented.

Type	Date Due	By Whom	Date Completed	Comments e.g. Change has occurred - new R/A to be conducted, items not completed and why etc.
Monitoring closure of action items				
Residual Risk / Effectiveness Review				

1. Potential Consequence

Rating	Injury	Natural Environment	Equipment	Financial	Reputation
6	Multiple fatalities	Permanent & irreparable impact. Impact on the local community. Contamination of potable water supply.		>AUD1,000,000	International media involved. Potential multiple client impact. Loss of contract(s) & future opportunities
5	Fatality	Permanent & irreparable impact on the natural environment	Permanent loss of equipment with replacement lead time >14 days	>AUD 500K <1,000K	National media involved. Client impact. Loss of current contract.
4	Major injury: limb loss, blindness, electrocution, permanent health effects	Temporary, severe but reparable impact. Pollution reaches surface water bodies or stormwater	Major repairs causing 8+ days down time	AUD 100K - 500K	WGW client impact - multiple sites. Incident response controlled by client. Potential loss of current contract.
3	Serious injury requiring >7 days off work. Fractures, loss of consciousness	Breach of applicable regulations. Temporary impact. Visible loss of flora or fauna - multiple species. Disturbance rectified in <1 month	Serious repairs causing 1-7 days down time	AUD50K - 100K	WGW client impact - local site. Managed in coordination with client.
2	Requires medical treatment. No time off work.	Temporary impact. Visible loss of flora or fauna - single species. Disturbance rectified in 7 days	Medium level repairs. <1 day down time	AUD5K - 50K	Local site impact involving WGW & WGWV contractors. Managed internally.
1	First aid treatment	Minor, temporary impact. Disturbance rectified easily & immediately	Low level repairs. <3 hours down time	Under AUD5K	Internal WGW impact only.

2. Incident Probability

1	Frequency of situation / activity: ≤ 1 once per month (1-12 times per year) OR Chance of failure causing loss: Almost impossible. Never heard of failure occurring.	Low
2	Frequency of situation / activity: > once per month but less than once per week OR Chance of failure causing loss: Unlikely.	Moderate
3	Frequency of situation / activity: > once per week but less than once per day OR Chance of failure causing loss: Could happen but not known to have occurred.	High
4	Frequency of situation / activity: 1-10 times per day OR Chance of failure causing loss: Heard of 1 failure occurring in the past.	Very High
5	Frequency of situation / activity: 10+ times per day OR Chance of failure causing loss: Heard of >1 failure occurring in the past.	Extreme

3. Risk Matrix

		5	4	3	2	1
		LIKELIHOOD				
SEVERITY	Multiple catastrophic	30	24	18	12	6
	Catastrophic	25	20	15	10	5
	Major	20	16	12	8	4
	Serious	15	12	9	6	3
	Moderate	10	8	6	4	2
	Low	5	4	3	2	1

4. Action Required

20+	EXTREME	Inoperable: STOP WORK, ensure personnel & equipment safety, evacuate site & return only when risk reduced to ALARP & accepted
16-20	V. HIGH	Intolerable: Stop work & recommence only when risk reduced to ALARP & accepted
12-15	HIGH	Unacceptable: engineer out & reduce to ALARP before continuing
8-10	MODERATE	Acceptable: when reduced to ALARP before continuing
1-5	LOW	Acceptable: train for continuous improvement



<p>STEP 1. Document Location and description of hazard on the work site. STEP 2. Define Work Activity STEP 3. Define Site Location, date of assessment and any PTW numbers that pertain to this assessment. STEP 4. List Team Members, their role and experience STEP 5. List any Reference Materials used STEP 6. Complete the Risk Analysis and Assessment Form STEP 7. If further controls are necessary, complete Risk Management Action Plan to implement STEP 8. Send document to appropriate reviewer & approver for sign off, then to HSEQ Dept to formalise into Safety Management System & include in Risk Register</p>	<p>Location of Hazard on work site:</p> <p>TXD Rig</p>
	<p>Description of Major Hazard:</p> <p>Bent front jack legs and Mast lift Rams.</p>

<p>Work Activity:</p> <p>Removing damaged rig components to secure site.</p>	<p>Site Location:</p> <p>Meridian site #36</p>
	<p>Date: 12 September 2011</p>
	<p>Work Permit Number (If Applicable): unknown until day work commences</p>
	<p>Work Procedure Name and Number (If Applicable):</p>

Risk Assessment Team Members						
Name	Company	Position	Risk Assessment Role (Facilitator/Team Member)	Process /Task Experience	Signature	
Section 78B(2) RTI Act	WGW	Rig Manager	Team Member			
	Wintringham Diesel	Mechanic	Team Member			
	Westside Corporation	Drilling & completions	Team Member			
	WGW	Production & well services	Team Member			
	WGW	HSE & Training Advisor	Facilitator			
	WGW	HSE & Q Manager	Team Member			

<p>KEY</p> <p>P – Probability C – Consequence R – Risk Ranking</p>	<p>Definitions</p> <p>Probability: The chance that something will happen. Consequence: The result of an action/event taking place. Risk Ranking: the score given to a risk after considering its actual consequence and the probability of it happening. Hazard: an Actual or Potential source of harm. Risk: The likelihood or Probability of harm resulting from a particular hazard. ALARP: As Low As Reasonably Practicable.</p>			<p>Additional Documentation References</p>	
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<p>Site Manager/Supervisor: Section 78B(2) RTI Act</p>	<p>Signature:</p>	<p>Date: 12 September 2011</p>
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1	Remove any and all excess equipment from area	Slips, trips , falls, crush hazards,	Pre job safety meeting and spotters used at all times.	2	5	10	Y	All equipment must be moved to a position where it cannot interfere with potential escape routes or operational requirements.	2	5	10
2	Anchor crane to rig	Slips, trips , falls, crush, pinch hazards, cables breaking, inexperienced operators	Qualified operators, Qualified and experienced Dogman, fit for purpose equipment all certified and current.	2	5	10	Y	Only the specified "Dogman" is to give operational instructions to the crane operators.	2	5	10
3	Connect batteries & remove steps and ladders from rig	Slips trips falls crush and pinch points , sparks low voltage.	Pre job meeting, experienced operators, appropriate PPE for all members involved	2	3	6	Y		2	3	6
4	Build up air in tank & Start rig.	Slips, trips , falls, crush & pinch points,	Pre job meeting	2	3	6	Y		2	3	6
5	Lower Rear legs until wheels are on sub base with rig hydraulics	Mechanical failure, rig over balance	Engine shut down, crane securing , spotters , exclusion zone	2	5	10	Y	All personnel not required are to be moved well outside of the exclusion zone and are to remain there until otherwise directed by the rig manager	2	5	10
6	Remove concrete blocks and timbers	Crush points , splinters	Pre job meeting PPE – spotters , competent operators ,remove all un-essential personnel	2	5	10	Y	Blocks to be moved to a location that does not interfere with operational requirements and that cannot block potential escape routes.	2	5	10
7	Back truck under load	Crush, rollover	Competent operators, fit for purpose equipment, pre job briefing, spotters	2	5	10	Y	All personnel not required are to be moved well outside of the exclusion zone and are to remain there until otherwise directed by the rig manager, backing operations are not to commence until positive notification from the crane operators is received that the load is secured.	2	5	10



8	Lower load onto truck	Crush, rollover	Competent operators, fit for purpose equipment, pre job briefing, spotters	2	5	10	Y	All personnel not required are to be moved well outside of the exclusion zone and are to remain there until otherwise directed by the rig manager, Only the specified "Dogman" is to give operational instructions to the crane operators.	2	5	10
9	Drive truck off sub-base	Crush	Competent operators, fit for purpose equipment, pre job briefing, spotters	2	5	10	Y	All personnel not required are to be moved well outside of the exclusion zone and are to remain there until otherwise directed by the rig manager, Only the specified "Spotter" is to give operational instructions to the Truck Driver.	2	5	10
10	Secure load and jib crane booms	Pinch points, falls, trips, slips, cuts, crush	PPE, correct WAH procedures, fit for purpose equipment, pre-job briefing	2	3	6	Y	All personnel not required are to be moved well outside of the exclusion zone and are to remain there until otherwise directed by the rig manager, Only the specified "Dogman" is to give operational instructions to the crane operators.	2	3	6

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RISK MANAGEMENT ACTION PLAN

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3	All trucks must be registered,			
4	Pre job brief before each job.			
5	All tie down equipment to be fit for purpose.			
6	All operators to have required tickets.			
7	Full PPE required for all involved.			
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1-5	LOW	Acceptable: train for continuous improvement

Drill Mast collapse Westside Moura

Incident Details *Created from the Operating Plant*

Notification No GPN 4499

Details

Operating Entity	Westside Corporation Limited	
Operating Plant	Rig TXD 0180	Contact Section 78B(2) RTI Act
		Telephone No
Address (OP)	Level 8 300 Queen Street Brisbane Qld 4000	
Region	Central Regional Office	Status Closed
Brief Title	Drill Mast collapse Westside Moura	
Category	Drilling and Workover Rigs	Sub Category No Sub Category
Product Being Drilled	*	
Date Occurred	09/09/2011	Date Notified 26/09/2011
Time Occurred	08:00 AM	Time Notified 11:00 AM
Notified By		Telephone
Logged By	John Wright	Ref No
Initial Response By		Onsite Date 12/09/2011
Onsite Attendance	Yes	Onsite Time 10:00 AM
Incident Classification	3 (Minor Injuries/High Damage/Media)	Damage
Nature of Event	Physical Impact/Damage	High Potential Incident Yes
		Prescribed Incident Yes
No. of Injuries		No. of Fatalities

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0

0

Type of Injury

Nature of Injury

Injury - Body Location

Mechanism

Gas

Natural Gas

Equipment

Drilling Rig

Media

Time Spent (hrs)

Entered	Month	Entered By	RTI	Hours	Comments	
Total Hours					16.00	
🕒 26/09/2011	September	John Wright	No	1.00		
🕒 26/09/2011	September	John Wright	No	15.00		

Summary

Incident Summary

At approximately 06:10am [redacted] was asked by [redacted] 49-Sch4 the mechanic to function test the mast raise cylinders because he had changed the hoses after night shift had set up the rams. [redacted] then functioned the rams with the top pins disconnected. This was done 5 or 6 time and then reconnected to the mast. Then a pre job safety meeting was held with the day crew. All contractors were asked to leave the area, except the mechanics, and a drop zone around the rig put in place. The leg pins were removed from the mast and the feet were raised up about 4 inches and lowered the mast slide until the mast was scoped. [redacted] then tilted the mast about 5 degrees and then raised back up. This was done twice. At about 07:50am [redacted] attempted to lower mast and at about 80 degrees the mast went in free fall. After making sure that everyone was safe the area was shored up and a taped exclusion zone was erected.

Response Action Taken

Others Notified

Chief Inspector
Mines Inspectorate
Supplier

Danger Tag Used?

No

John Wright contacted Russell Churchette from Westside and told him to secure the rig site. Arrangements were made to travel out to site on Monday 12 September 2011. John Wright, Graham Rasmussen and Andrew Broadfoot travelled to site and interviewed 6 Westside / Wood Group Wagner personnel about the incident. John Wright telephoned John Smith, Mine Mechanical Inspector and asked him to send Michael McWilliam to the site to inspect the hydraulic system. Arrangments were made in consultation with the insurance assessor [redacted] to have the rig and hydraulic system inspected in an approved workshop in Sydney. A copy of the hydraulic inspection report and rig inspection report are to be given to the P&G Inspectorate before the rig can operate in Queensland.

Investigation Findings

Potential
Causal Factors

Recommendations

Attachments

Report Attachments

WestSideWood Group Wagners - Forward action plan - Risk Assessment.htm 13 01 F 2 Incident Report Form TXD01-092011-001.docx 2011 09 13 P&G Forward action plan.xlsx
2011 09 16 TXD180 Ram Removal Photos.pptx ATT00001.htm ATT00001.txt ATT00002.htm ATT00003.htm DSC_0792.jpg Follow up.htm Fw Risk Assessment - TXD Recovery.htm
Fw TXD180 - Hydraulic Schematics.htm Fw WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification.htm Fwd WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification.txt
FYI - Fwd Incident report TXD01-09-2011-001.htm image001.jpg image002.png RE Injury Report - Westside.htm RE Teleconference action items..htm
RE WestSide Wood Group Wagner - Forward Action Plan .htm RE WestSide TXD180 Ram Removal - For your review.htm RE WestSide TXD180 Ram Removal - update.htm
RE WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification2.htm RE WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification3.htm
RE WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notification.htm
RE WestSide TXD180 Rig Mast Fall (No Injury) - Initial Written Notificationa.htm Risk Assessment Form Remove Rig and Rams.doc Risk Assessment Form Remove Rig.doc SOP and Tool Box.PDF



TXD180 - Hydraulic Schematics.htm WestSide Wood Group Wagner - Forward Action Plan .htm WestSide TXD180 Ram Removal - For your review.htm WestSide TXD180 Ram Removal - update.htm

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