

Shakers, Volumes and Losses Data				Engineer:					
Equipment	Description	Mesh Size	Available	Losses	Comment				
Shaker 1	ATL	3 x 170	Active	Downhole	0				
Shaker 2	ATL	3 x 110	Mixing	Surf+ Equip	0				
			Hole	Dumped	0				
			Slug	De-Sander	0				
			Reserve	De-Silter	0				
			Kill	Centrifuge	0				
Bit #	Wear	I	O1	D	L	B	G	O2	R
Size("):	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	IADC#:	No.	Size	Progress:	0	Cum: Progress:	0		
Type:	WOB (avg):			On Bottom Time:	0.0	Cum. On Btm Time:	0.0		
Serial #:	RPM (avg):			IADC Time:	0.0	Cum. IADC Time:	0.0		
Depth In:	F.Rate (gpm):			Total Revs:		Cum. Total Revs:			
Depth Out:	SPP (psi):			ROP (avg):	0.00	Overall ROP (avg):	0.00		
Bit Model:	HIS:								
	TFA:	0.389							
Bit #	Wear	I	O1	D	L	B	G	O2	R
Size("):	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	IADC#:	No.	Size	Progress:	0	Cum: Progress:	0		
Type:	WOB (avg):			On Bottom Time:	0.0	Cum. On Btm Time:	0.0		
Serial #:	RPM (avg):			IADC Time:	0.0	Cum. IADC Time:	0.0		
Depth In:	F.Rate (gpm):			Total Revs:		Cum. Total Revs:			
Depth Out:	SPP (psi):			ROP (avg):	0.00	Overall ROP (avg):	0.00		
Bit Model:	HIS:								
	TFA:	0.389							
BHA # 4									
Wt. Below Jars Dry:		Length:		Torque (max):			DC (1) Ann. Vel:		
Weight Dry:		String Weight (Klb)		Torque On Btm:			DC (2) Ann. Vel:		
Type:		Pick-Up Weight (Klb)		Torque Off Btm:			HWDP Ann. Vel:		
		Slack-Off Weight (Klb)					DP Ann. Vel:		
#	Equipment	Tool Description		Length	O.D	I.D	Serial #	Hours	
BHA # 2									
Wt. Below Jars Dry:		Length:		Torque (max):			DC (1) Ann. Vel:		
Weight Dry:		String Weight (Klb)		Torque On Btm:			DC (2) Ann. Vel:		
Type:		Pick-Up Weight (Klb)		Torque Off Btm:			HWDP Ann. Vel:		
		Slack-Off Weight (Klb)					DP Ann. Vel:		
#	Equipment	Tool Description		Length	O.D	I.D	Serial #	Hours	
Fuel Stocks				Camp Fuel Stocks					
Balance Brought Forward Previous Well (Lts):		3,480		Balance Brought Forward Previous Well (Lts):		875			
Balance @ 06:00 Previous Day (Lts):		380		Balance @ 06:00 Previous Day (Lts):		75			
Today's Usage (Lts):		0		Today's Usage (Lts):		0			
Additional Fuel Delivered (Lts):		0		Additional Fuel Delivered (Lts):		From Rig tank			
Fuel transferred to rig camp		0							
Balance Carried Over (Lts):		3,100		Balance Carried Over (Lts):		800			
Third Party Contractors Onsite									
Company		Name		Company		Name			
Equipment Arrived Onsite									
Item		Amount		Item		Amount			
HSE Summary				09-Sep-11					
Last BOP Test:		Accident Free Days:		46		Last Safety Meeting:		28/08/2011	
Events	Date of last	Days Since	Description	Comments					
Pre-tour	9/08/2011		W/-Crew	SOP 0714 & 0701					
Incident report	28/08/2011			Securing loads to vehicle, Jump starting vehicles.					
Weekly Safety meeting	28/08/2011		Head Protection	Injury to shin when falling through hole. Minor injury.					
Pre-spud	9/08/2011		Operation meeting	Discussed current safety issues, reviewed Hazob's.					
				Discuss MER 29LA program and operational procedures.					

Engineer:				
Description	Mesh Size		Losses	Comment
	3 x 170		Downhole	0
	3 x 110		Surf+ Equip	0
			Dumped	0
			De-Sander	0
			De-Silter	0
			Centrifuge	0

Bit #	Wear	I	D	L	B	G	O2	R
	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run		
	No.	Size	0			Cum: Progress: 0		
			0.0			Cum. On Btm Time: 0.0		
			0.0			Cum. IADC Time: 0.0		
			0.00			Cum. Total Revs: 0.00		
			0.00			Overall ROP (avg): 0.00		
	0.389							

Bit #	Wear	I	D	L	B	G	O2	R
	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run		
	No.	Size	0			Cum: Progress: 0		
			0.0			Cum. On Btm Time: 0.0		
			0.0			Cum. IADC Time: 0.0		
			0.00			Cum. Total Revs: 0.00		
			0.00			Overall ROP (avg): 0.00		
	0.389							

Length:					DC (1) Ann. Vel:
String Weight (Klb)					DC (2) Ann. Vel:
Pick-Up Weight (Klb)					HWDP Ann. Vel:
Slack-Off Weight (Klb)					DP Ann. Vel:
Tool Description	Length	O.D	I.D	Serial #	Hours

Length:					DC (1) Ann. Vel:
String Weight (Klb)					DC (2) Ann. Vel:
Pick-Up Weight (Klb)					HWDP Ann. Vel:
Slack-Off Weight (Kil)					DP Ann. Vel:
Tool Description	Length	O.D	I.D	Serial #	Hours

	3,480				875
	380				75
	0				
	0				
	3,100				800
				From Rig tank	

Name		Name

Amount	Amount

10-Sep-11		
Accident Free Days	Last Safety Meeting:	28/08/2011

Date of las	Days Since	Description	Comments
#####		W/-Crew	SOP 0714 & 0701
#####			Securing loads to vehicle, Jump starting vehicles.
#####			Dropped Mast From Approximately 80 Deg.
#####		Head Protection	Discussed current safety issues, reviewed Hazobs's.
#####		Operation meeting	Discuss MER 29LA program and operational procedures.

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Shaker 2	ATL	3 x 110	Mixing	Surf+ Equip	0					
			Hole	Dumped	0					
			Slug	De-Sander	0					
			Reserve	De-Silter	0					
			Kill	Centrifuge	0					
Bit #	Wear	I	O1	D	L	B	G	O2	R	
Size("):	IADC#:	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	WOB (avg):	No.	Size	Progress:	0	Cum: Progress:	0			
Type:	RPM (avg):			On Bottom Time:	0.0	Cum. On Btm Time:	0.0			
Serial #:	F.Rate (gpm):			IADC Time:	0.0	Cum. IADC Time:	0.0			
Depth In:	SPP (psi):			Total Revs:		Cum. Total Revs:				
Depth Out:	HIS:			ROP (avg):	0.00	Overall ROP (avg):	0.00			
Bit Model:	TFA:	0.389								
Bit #	Wear	I	O1	D	L	B	G	O2	R	
Size("):	IADC#:	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	WOB (avg):	No.	Size	Progress:	0	Cum: Progress:	0			
Type:	RPM (avg):			On Bottom Time:	0.0	Cum. On Btm Time:	0.0			
Serial #:	F.Rate (gpm):			IADC Time:	0.0	Cum. IADC Time:	0.0			
Depth In:	SPP (psi):			Total Revs:		Cum. Total Revs:				
Depth Out:	HIS:			ROP (avg):	0.00	Overall ROP (avg):	0.00			
Bit Model:	TFA:	0.389								
BHA # 4										
Wt. Below Jars Dry:		Length:		Torque (max):			DC (1) Ann. Vel:			
Weight Dry:		String Weight (Klb)		Torque On Btm:			DC (2) Ann. Vel:			
Type:		Pick-Up Weight (Klb)		Torque Off Btm:			HWDP Ann. Vel:			
		Slack-Off Weight (Klb)					DP Ann. Vel:			
#	Equipment	Tool Description		Length	O.D	I.D	Serial #	Hours		
BHA # 2										
Wt. Below Jars Dry:		Length:		Torque (max):			DC (1) Ann. Vel:			
Weight Dry:		String Weight (Klb)		Torque On Btm:			DC (2) Ann. Vel:			
Type:		Pick-Up Weight (Klb)		Torque Off Btm:			HWDP Ann. Vel:			
		Slack-Off Weight (Klb)					DP Ann. Vel:			
#	Equipment	Tool Description		Length	O.D	I.D	Serial #	Hours		
Fuel Stocks				Camp Fuel Stocks						
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Balance @ 06:00 Previous Day (Lts):		380		Balance @ 06:00 Previous Day (Lts):		75				
Today's Usage (Lts):		0		Today's Usage (Lts):		0				
Additional Fuel Delivered (Lts):		0		Additional Fuel Delivered (Lts):		From Rig tank				
Fuel transferred to rig camp		0		Balance Carried Over (Lts):		800				
Balance Carried Over (Lts):		3,100								
Third Party Contractors Onsite										
Company		Name		Company		Name				
Equipment Arrived Onsite										
Item		Amount		Item		Amount				
HSE Summary				09-Sep-11						
Last BOP Test:		Accident Free Days:		46		Last Safety Meeting:		28/08/2011		
Events	Date of last	Days Since	Description	Comments						
Pre-tour	9/08/2011		W/-Crew	SOP 0714 & 0701						
Incident report	28/08/2011			Securing loads to vehicle, Jump starting vehicles.						
Weekly Safety meeting	28/08/2011		Head Protection	Injury to shin when falling through hole. Minor injury.						
Pre-spud	9/08/2011		Operation meeting	Discussed current safety issues, reviewed Hazob's.						
				Discuss MER 29LA program and operational procedures.						

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Shaker 2	ATL	3 x 110	Mixing	Surf+ Equip	0					
			Hole	Dumped	0					
			Slug	De-Sander	0					
			Reserve	De-Silter	0					
			Kill	Centrifuge	0					
Bit #	Wear	I	O1	D	L	B	G	O2	R	
Size("):	IADC#:	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	WOB (avg):	No.	Size	Progress:	0	Cum: Progress:	0			
Type:	RPM (avg):			On Bottom Time:	0.0	Cum. On Btm Time:	0.0			
Serial #:	F.Rate (gpm):			IADC Time:	0.0	Cum. IADC Time:	0.0			
Depth In:	SPP (psi):			Total Revs:		Cum. Total Revs:				
Depth Out:	HIS:			ROP (avg):	0.00	Overall ROP (avg):	0.00			
Bit Model:	TFA:	0.389								
Bit #	Wear	I	O1	D	L	B	G	O2	R	
Size("):	IADC#:	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	WOB (avg):	No.	Size	Progress:	0	Cum: Progress:	0			
Type:	RPM (avg):			On Bottom Time:	0.0	Cum. On Btm Time:	0.0			
Serial #:	F.Rate (gpm):			IADC Time:	0.0	Cum. IADC Time:	0.0			
Depth In:	SPP (psi):			Total Revs:		Cum. Total Revs:				
Depth Out:	HIS:			ROP (avg):	0.00	Overall ROP (avg):	0.00			
Bit Model:	TFA:	0.389								
BHA # 4										
Wt. Below Jars Dry:		Length:		Torque (max):			DC (1) Ann. Vel:			
Weight Dry:		String Weight (Klb)		Torque On Btm:			DC (2) Ann. Vel:			
Type:		Pick-Up Weight (Klb)		Torque Off Btm:			HWDP Ann. Vel:			
		Slack-Off Weight (Klb)					DP Ann. Vel:			
#	Equipment	Tool Description		Length	O.D	I.D	Serial #	Hours		
BHA # 2										
Wt. Below Jars Dry:		Length:		Torque (max):			DC (1) Ann. Vel:			
Weight Dry:		String Weight (Klb)		Torque On Btm:			DC (2) Ann. Vel:			
Type:		Pick-Up Weight (Klb)		Torque Off Btm:			HWDP Ann. Vel:			
		Slack-Off Weight (Klb)					DP Ann. Vel:			
#	Equipment	Tool Description		Length	O.D	I.D	Serial #	Hours		
Fuel Stocks				Camp Fuel Stocks						
Balance Brought Forward Previous Well (Lts):		3,480		Balance Brought Forward Previous Well (Lts):		875				
Balance @ 06:00 Previous Day (Lts):		380		Balance @ 06:00 Previous Day (Lts):		75				
Today's Usage (Lts):		0		Today's Usage (Lts):		0				
Additional Fuel Delivered (Lts):		0		Additional Fuel Delivered (Lts):		From Rig tank				
Fuel transferred to rig camp		0		Balance Carried Over (Lts):		800				
Balance Carried Over (Lts):		3,100								
Third Party Contractors Onsite										
Company		Name		Company		Name				
Equipment Arrived Onsite										
Item		Amount		Item		Amount				
HSE Summary				10-Sep-11						
Last BOP Test:		Accident Free Days:		46		Last Safety Meeting:		28/08/2011		
Events	Date of last	Days Since	Description	Comments						
Pre-tour	9/08/2011		W/-Crew	SOP 0714 & 0701						
Incident report	9/09/2011			Securing loads to vehicle, Jump starting vehicles.						
Weekly Safety meeting	28/08/2011		Head Protection	Dropped Mast From Approximately 80 Deg.						
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				Discuss MER 29LA program and operational procedures.						

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Equipment	Description	Mesh Size	Available	Losses	Comment					
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Shaker 2	ATL	3 x 110	Mixing	Surf+ Equip	0					
			Hole	Dumped	0					
			Slug	De-Sander	0					
			Reserve	De-Silter	0					
			Kill	Centrifuge	0					
Bit #	Wear	I	O1	D	L	B	G	O2	R	
Size("):	IADC#:	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	WOB (avg):	No.	Size	Progress:	0	Cum: Progress:	0			
Type:	RPM (avg):			On Bottom Time:	0.0	Cum. On Btm Time:	0.0			
Serial #:	F.Rate (gpm):			IADC Time:	0.0	Cum. IADC Time:	0.0			
Depth In:	SPP (psi):			Total Revs:		Cum. Total Revs:				
Depth Out:	HIS:			ROP (avg):	0.00	Overall ROP (avg):	0.00			
Bit Model:	TFA:	0.389								
Bit #	Wear	I	O1	D	L	B	G	O2	R	
Size("):	IADC#:	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	WOB (avg):	No.	Size	Progress:	0	Cum: Progress:	0			
Type:	RPM (avg):			On Bottom Time:	0.0	Cum. On Btm Time:	0.0			
Serial #:	F.Rate (gpm):			IADC Time:	0.0	Cum. IADC Time:	0.0			
Depth In:	SPP (psi):			Total Revs:		Cum. Total Revs:				
Depth Out:	HIS:			ROP (avg):	0.00	Overall ROP (avg):	0.00			
Bit Model:	TFA:	0.389								
BHA # 4										
Wt. Below Jars Dry:		Length:		Torque (max):			DC (1) Ann. Vel:			
Weight Dry:		String Weight (Klb)		Torque On Btm:			DC (2) Ann. Vel:			
Type:		Pick-Up Weight (Klb)		Torque Off Btm:			HWDP Ann. Vel:			
		Slack-Off Weight (Klb)					DP Ann. Vel:			
#	Equipment	Tool Description		Length	O.D	I.D	Serial #	Hours		
BHA # 2										
Wt. Below Jars Dry:		Length:		Torque (max):			DC (1) Ann. Vel:			
Weight Dry:		String Weight (Klb)		Torque On Btm:			DC (2) Ann. Vel:			
Type:		Pick-Up Weight (Klb)		Torque Off Btm:			HWDP Ann. Vel:			
		Slack-Off Weight (Klb)					DP Ann. Vel:			
#	Equipment	Tool Description		Length	O.D	I.D	Serial #	Hours		
Fuel Stocks				Camp Fuel Stocks						
Balance Brought Forward Previous Well (Lts):		3,480		Balance Brought Forward Previous Well (Lts):		800				
Balance @ 06:00 Previous Day (Lts):		380		Balance @ 06:00 Previous Day (Lts):		75				
Today's Usage (Lts):		0		Today's Usage (Lts):		0				
Additional Fuel Delivered (Lts):		0		Additional Fuel Delivered (Lts):		From Rig tank				
Fuel transferred to rig camp		0		Balance Carried Over (Lts):		800				
Balance Carried Over (Lts):		3,100								
Third Party Contractors Onsite										
Company		Name		Company		Name				
Equipment Arrived Onsite										
Item		Amount		Item		Amount				
HSE Summary				11-Sep-11						
Last BOP Test:		Accident Free Days:		46		Last Safety Meeting:		28/08/2011		
Events	Date of last	Days Since	Description	Comments						
Pre-tour	9/08/2011		W/-Crew	SOP 0714 & 0701						
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Equipment	Description	Mesh Size	Available	Losses	Comment				
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Shaker 2	ATL	3 x 110	Mixing	Surf+ Equip	0				
			Hole	Dumped	0				
			Slug	De-Sander	0				
			Reserve	De-Silter	0				
			Kill	Centrifuge	0				
Bit #	Wear	I	O1	D	L	B	G	O2	R
Size("):	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	IADC#:	No.	Size	Progress:	0	Cum: Progress:			0
Type:	WOB (avg):			On Bottom Time:	0.0	Cum. On Btm Time:			0.0
Serial #:	RPM (avg):			IADC Time:	0.0	Cum. IADC Time:			0.0
Depth In:	F.Rate (gpm):			Total Revs:		Cum. Total Revs:			
Depth Out:	SPP (psi):			ROP (avg):	0.00	Overall ROP (avg):			0.00
Bit Model:	HIS:								
	TFA:	0.389							
Bit #	Wear	I	O1	D	L	B	G	O2	R
Size("):	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	IADC#:	No.	Size	Progress:	0	Cum: Progress:			0
Type:	WOB (avg):			On Bottom Time:	0.0	Cum. On Btm Time:			0.0
Serial #:	RPM (avg):			IADC Time:	0.0	Cum. IADC Time:			0.0
Depth In:	F.Rate (gpm):			Total Revs:		Cum. Total Revs:			
Depth Out:	SPP (psi):			ROP (avg):	0.00	Overall ROP (avg):			0.00
Bit Model:	HIS:								
	TFA:	0.389							
BHA # 4									
Wt. Below Jars Dry:		Length:		Torque (max):			DC (1) Ann. Vel:		
Weight Dry:		String Weight (Klb)		Torque On Btm:			DC (2) Ann. Vel:		
Type:		Pick-Up Weight (Klb)		Torque Off Btm:			HWDP Ann. Vel:		
		Slack-Off Weight (Klb)					DP Ann. Vel:		
#	Equipment	Tool Description		Length	O.D	I.D	Serial #	Hours	
BHA # 2									
Wt. Below Jars Dry:		Length:		Torque (max):			DC (1) Ann. Vel:		
Weight Dry:		String Weight (Klb)		Torque On Btm:			DC (2) Ann. Vel:		
Type:		Pick-Up Weight (Klb)		Torque Off Btm:			HWDP Ann. Vel:		
		Slack-Off Weight (Klb)					DP Ann. Vel:		
#	Equipment	Tool Description		Length	O.D	I.D	Serial #	Hours	
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Fuel transferred to rig camp		0							
Balance Carried Over (Lts):		3,100		Balance Carried Over (Lts):		800			
Third Party Contractors Onsite									
Company		Name		Company		Name			
Equipment Arrived Onsite									
Item		Amount		Item		Amount			
HSE Summary				09-Sep-11					
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			Slug	De-Sander	0					
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			Kill	Centrifuge	0					
Bit #	Wear	I	O1	D	L	B	G	O2	R	
Size("):	IADC#:	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	WOB (avg):	No.	Size	Progress:	0	Cum: Progress:	0			
Type:	RPM (avg):			On Bottom Time:	0.0	Cum. On Btm Time:	0.0			
Serial #:	F.Rate (gpm):			IADC Time:	0.0	Cum. IADC Time:	0.0			
Depth In:	SPP (psi):			Total Revs:		Cum. Total Revs:				
Depth Out:	HIS:			ROP (avg):	0.00	Overall ROP (avg):	0.00			
Bit Model:	TFA:	0.389								
Bit #	Wear	I	O1	D	L	B	G	O2	R	
Size("):	IADC#:	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	WOB (avg):	No.	Size	Progress:	0	Cum: Progress:	0			
Type:	RPM (avg):			On Bottom Time:	0.0	Cum. On Btm Time:	0.0			
Serial #:	F.Rate (gpm):			IADC Time:	0.0	Cum. IADC Time:	0.0			
Depth In:	SPP (psi):			Total Revs:		Cum. Total Revs:				
Depth Out:	HIS:			ROP (avg):	0.00	Overall ROP (avg):	0.00			
Bit Model:	TFA:	0.389								
BHA # 4										
Wt. Below Jars Dry:		Length:		Torque (max):			DC (1) Ann. Vel:			
Weight Dry:		String Weight (Klb)		Torque On Btm:			DC (2) Ann. Vel:			
Type:		Pick-Up Weight (Klb)		Torque Off Btm:			HWDP Ann. Vel:			
		Slack-Off Weight (Klb)					DP Ann. Vel:			
#	Equipment	Tool Description		Length	O.D	I.D	Serial #	Hours		
BHA # 2										
Wt. Below Jars Dry:		Length:		Torque (max):			DC (1) Ann. Vel:			
Weight Dry:		String Weight (Klb)		Torque On Btm:			DC (2) Ann. Vel:			
Type:		Pick-Up Weight (Klb)		Torque Off Btm:			HWDP Ann. Vel:			
		Slack-Off Weight (Klb)					DP Ann. Vel:			
#	Equipment	Tool Description		Length	O.D	I.D	Serial #	Hours		
Fuel Stocks				Camp Fuel Stocks						
Balance Brought Forward Previous Well (Lts):		3,480		Balance Brought Forward Previous Well (Lts):		875				
Balance @ 06:00 Previous Day (Lts):		380		Balance @ 06:00 Previous Day (Lts):		75				
Today's Usage (Lts):		0		Today's Usage (Lts):		0				
Additional Fuel Delivered (Lts):		0		Additional Fuel Delivered (Lts):		From Rig tank				
Fuel transferred to rig camp		0								
Balance Carried Over (Lts):		3,100		Balance Carried Over (Lts):		800				
Third Party Contractors Onsite										
Company		Name		Company		Name				
Equipment Arrived Onsite										
Item		Amount		Item		Amount				
HSE Summary				10-Sep-11						
Last BOP Test:		Accident Free Days:		46		Last Safety Meeting:		28/08/2011		
Events	Date of last	Days Since	Description	Comments						
Pre-tour	9/08/2011		W/-Crew	SOP 0714 & 0701						
Incident report	9/09/2011			Securing loads to vehicle, Jump starting vehicles.						
Weekly Safety meeting	28/08/2011		Head Protection	Dropped Mast From Approximately 80 Deg.						
Pre-spud	9/08/2011		Operation meeting	Discussed current safety issues, reviewed Hazob's.						
				Discuss MER 29LA program and operational procedures.						

Task Number	Name	Description	Start	End	Task Duration (hrs)	Operation Duration (hrs)	Phase Duration (Days)	Project Duration (Days)	Hours	GANNT CHART (DAYS)																																
		TXD MAINTENANCE SHUTDOWN	25/08/2011 0:00	8/09/2011 0:30	659	645.5	26.89583	14.02083333	336																																	
		Movement Tele Mast	25/08/2011 4:30	26/08/2011 18:30	0		4.270833																																			
1		Remove Main Hoist Cyclinders	25/08/2011 4:30	25/08/2011 8:30	4	38																																				
2		Send to service agent	25/08/2011 8:30	25/08/2011 16:30	8																																					
3		Strip cyclinders	25/08/2011 16:30	26/08/2011 12:30	20																																					
4		NDT	26/08/2011 12:30	26/08/2011 13:30	1																																					
5		Magnetic Particle Inspectoipn	26/08/2011 13:30	26/08/2011 14:30	1																																					
6		Eddy Current inspection	26/08/2011 14:30	26/08/2011 15:30	1																																					
7		NDE	26/08/2011 15:30	26/08/2011 16:30	1																																					
8		Replace Cylinder Pins	26/08/2011 16:30	26/08/2011 17:30	1																																					
9		Reinstall Cylinder Pins	26/08/2011 17:30	26/08/2011 18:30	1																																					
10		Remove Mast Crown	25/08/2011 9:00	25/08/2011 9:00	0	23																																				
11		Strip Mast Crown	25/08/2011 9:00	25/08/2011 17:00	8																																					
12		Gauge Support and Rotation sheave pins	25/08/2011 17:00	25/08/2011 21:00	4																																					
13		NDT	25/08/2011 21:00	25/08/2011 22:00	1																																					
14		Magnetic Particle Inspection	25/08/2011 22:00	25/08/2011 23:00	1																																					
15		Eddy Current inspection	25/08/2011 23:00	26/08/2011 0:00	1																																					
16		NDE	26/08/2011 0:00	26/08/2011 1:00	1																																					
17		Bearing shafts cleaned	26/08/2011 1:00	26/08/2011 2:00	1																																					
18		Thrust washers cleaned	26/08/2011 2:00	26/08/2011 3:00	1																																					
19		Bearing shafts Inspected	26/08/2011 3:00	26/08/2011 4:00	1																																					
20		Thrust washers Inspected	26/08/2011 4:00	26/08/2011 5:00	1																																					
21		Bearing shafts Replaced	26/08/2011 5:00	26/08/2011 6:00	1																																					
22		Thrust washers Replaced	26/08/2011 6:00	26/08/2011 7:00	1																																					
23		Tie wire bolt to fix Crown-Mast	26/08/2011 7:00	26/08/2011 8:00	1																																					
24		Remove Lower Sheave	25/08/2011 1:00	25/08/2011 3:00	2	14																																				
25		Strip Lower Sheave	25/08/2011 1:00	25/08/2011 2:00	1																																					
26		Gauge Lower Sheave	25/08/2011 2:00	25/08/2011 3:00	1																																					
27		NDT	25/08/2011 3:00	25/08/2011 4:00	1																																					
28		Magnetic Particle Inspectoipn	25/08/2011 4:00	25/08/2011 5:00	1																																					
29		Eddy Current inspection	25/08/2011 5:00	25/08/2011 6:00	1																																					
30		NDE	25/08/2011 6:00	25/08/2011 7:00	1																																					
31		Sheave cleaned	25/08/2011 7:00	25/08/2011 8:00	1																																					
32		Sheave Inspected	25/08/2011 8:00	25/08/2011 9:00	1																																					
33		Sheave Replaced	25/08/2011 9:00	25/08/2011 10:00	1																																					
34		Bearing cleaned	25/08/2011 10:00	25/08/2011 11:00	1																																					
35		Bearing Inspected	25/08/2011 11:00	25/08/2011 12:00	1																																					
36		Bearing Replaced	25/08/2011 12:00	25/08/2011 13:00	1																																					
37		Remove Roller Guides	25/08/2011 13:00	25/08/2011 14:00	1	19.5																																				
38		Strip Roller Guides	25/08/2011 13:00	25/08/2011 16:30	3.5																																					
39		Gauge Lower Sheave	25/08/2011 16:30	25/08/2011 17:30	1																																					
40		NDT	25/08/2011 17:30	25/08/2011 18:30	1																																					
41		Magnetic Particle Inspectoipn	25/08/2011 18:30	25/08/2011 19:30	1																																					
42		Eddy Current inspection	25/08/2011 19:30	25/08/2011 20:30	1																																					
43		NDE	25/08/2011 20:30	25/08/2011 21:30	1																																					
44		Roller Guide Cleaned	25/08/2011 21:30	25/08/2011 22:30	1																																					
45		Roller Guides Inspected	25/08/2011 22:30	25/08/2011 23:30	1																																					
46		Roller Guides Replaced	25/08/2011 23:30	26/08/2011 0:30	1																																					
47		Bearing Cleaned	26/08/2011 0:30	26/08/2011 1:30	1																																					
48		Bearing Inspected	26/08/2011 1:30	26/08/2011 2:30	1																																					
49		Bearing Replaced	26/08/2011 2:30	26/08/2011 3:30	1																																					
50		NDT Eccentric Flanges	26/08/2011 3:30	26/08/2011 4:30	1																																					
51		Magnetic Particle Inspection Eccentric Flanges	26/08/2011 4:30	26/08/2011 5:30	1																																					
52		Eddy Current inspection Eccentric Flanges	26/08/2011 5:30	26/08/2011 6:30	1																																					
53		NDE Eccentric Flanges	26/08/2011 6:30	26/08/2011 7:30	1																																					
54		Inspect Movement Mast Sectional Body	26/08/2011 7:30	26/08/2011 11:30	4	8																																				
55		NDT fixed pins and criticals	26/08/2011 7:30	26/08/2011 8:30	1																																					
56		Magnetic Particle Inspection criticals	26/08/2011 8:30	26/08/2011 9:30	1																																					
57		Eddy Current inspection criticals	26/08/2011 9:30	26/08/2011 10:30	1																																					
58		NDE fixed pin and criticals	26/08/2011 10:30	26/08/2011 11:30	1																																					
		FIXED MAST			0		6.145833																																			

59	Remove Mast Raise Cylinders	26/08/2011 11:30	26/08/2011 15:30	4	35
60	Send to service agent	26/08/2011 11:30	26/08/2011 19:30	8	
61	Strip	26/08/2011 19:30	26/08/2011 23:30	4	
62	Assess Mast Raise Cylinders	26/08/2011 23:30	27/08/2011 0:30	1	
63	NDT Upper & Lower Pins	27/08/2011 0:30	27/08/2011 1:30	1	
64	Magnetic Particle Inspectoipn	27/08/2011 1:30	27/08/2011 2:30	1	
65	Eddy Current inspection	27/08/2011 2:30	27/08/2011 3:30	1	
66	NDE	27/08/2011 3:30	27/08/2011 4:30	1	
67	Reassemble Mast Raise Cylinders	27/08/2011 4:30	27/08/2011 10:30	6	
68	Return to TXD	27/08/2011 10:30	27/08/2011 18:30	8	
69	Mast Outrigger cylinder hydraulic bypass test	27/08/2011 18:30	27/08/2011 22:30	4	19
70	Remove Tube Mechanical Jack	27/08/2011 18:30	27/08/2011 19:30	1	
71	Strip	27/08/2011 19:30	27/08/2011 20:30	1	
72	Clean Tube Mechanical Jack	27/08/2011 20:30	27/08/2011 21:30	1	
73	NDT	27/08/2011 21:30	27/08/2011 22:30	1	
74	Magnetic Particle Inspectoipn	27/08/2011 22:30	27/08/2011 23:30	1	
75	Eddy Current inspection	27/08/2011 23:30	28/08/2011 0:30	1	
76	NDE	28/08/2011 0:30	28/08/2011 1:30	1	
77	Hydraulic Velocity Fuse cleaned	28/08/2011 1:30	28/08/2011 2:30	1	
78	Hydraulic Velocity Fuse Inspected	28/08/2011 2:30	28/08/2011 3:30	1	
79	Hydraulic Velocity Fuse Replaced	28/08/2011 3:30	28/08/2011 4:30	1	
80	Dual Counterbalance Valves Cleaned	28/08/2011 4:30	28/08/2011 5:30	1	
81	Dual Counterbalance Valves Inspected	28/08/2011 5:30	28/08/2011 6:30	1	
82	Dual Counterbalance Valves Replaced	28/08/2011 6:30	28/08/2011 7:30	1	
83	Replace Dual Counterbalance Valves	28/08/2011 7:30	28/08/2011 8:30	1	
84	Visually Inspect Dual Counterbalance Valves	28/08/2011 8:30	28/08/2011 9:30	1	
85	Mast Dump Cylinder Hydraulic Bypass Test	25/08/2011 22:00	25/08/2011 23:00	1	17
86	NDT	25/08/2011 22:00	25/08/2011 23:00	1	
87	Magnetic Particle Inspection	25/08/2011 23:00	26/08/2011 0:00	1	
88	Eddy Current Inspection	26/08/2011 0:00	26/08/2011 1:00	1	
89	NDE	26/08/2011 1:00	26/08/2011 2:00	1	
90	Replace Pins	26/08/2011 2:00	26/08/2011 3:00	1	
91	Reinstall Cylinder Pins	26/08/2011 3:00	26/08/2011 4:00	1	
92	Hydraulic Velocity Fuse Cleaned	26/08/2011 4:00	26/08/2011 5:00	1	
93	Hydraulic Velocity Fuse Inspected	26/08/2011 5:00	26/08/2011 6:00	1	
94	Hydraulic Velocity Fuse Replaced	26/08/2011 6:00	26/08/2011 7:00	1	
95	Mast Dump Slides cleaned	26/08/2011 7:00	26/08/2011 8:00	1	
96	Mast Dump Slides Inspected	26/08/2011 8:00	26/08/2011 9:00	1	
97	Mast Dump Slides Replaced	26/08/2011 9:00	26/08/2011 10:00	1	
98	NDT : pivot points; wedges; critical LBA	26/08/2011 10:00	26/08/2011 11:00	1	
99	Magnetic Particle Inspection	26/08/2011 11:00	26/08/2011 12:00	1	
100	Eddy Current inspection	26/08/2011 12:00	26/08/2011 13:00	1	
101	NDE	26/08/2011 13:00	26/08/2011 14:00	1	
102	Mast Tension Cylinder Hydraulic Bypass Test	26/08/2011 14:00	26/08/2011 15:00	1	6
103	NDT : pins; anchor point; LBA	26/08/2011 14:00	26/08/2011 15:00	1	
104	Magnetic Particle Inspection	26/08/2011 15:00	26/08/2011 16:00	1	
105	Eddy Current inspection	26/08/2011 16:00	26/08/2011 17:00	1	
106	NDE	26/08/2011 17:00	26/08/2011 18:00	1	
107	Calibrate to rig system hydraulic circuits	26/08/2011 18:00	26/08/2011 19:00	1	
108	Jib Boom Cylinder Hydraulic Bypass Test	25/08/2011 23:00	26/08/2011 0:00	1	10
109	NDT : pivot points; wedges; critical LBA	25/08/2011 23:00	26/08/2011 0:00	1	
110	Magnetic Particle Inspection	26/08/2011 0:00	26/08/2011 1:00	1	
111	Eddy Current inspection	26/08/2011 1:00	26/08/2011 2:00	1	
112	NDE	26/08/2011 2:00	26/08/2011 3:00	1	
113	Stop block adjustments check	26/08/2011 3:00	26/08/2011 4:00	1	
114	Stop block adjustments calibration	26/08/2011 4:00	26/08/2011 5:00	1	
115	Limiting system adjustment checks	26/08/2011 5:00	26/08/2011 6:00	1	
116	Limiting system adjustment calibration	26/08/2011 6:00	26/08/2011 7:00	1	
117	Replace winch cable	26/08/2011 7:00	26/08/2011 8:00	1	
118	Mast Standpipe Thickness Inspection	26/08/2011 8:00	26/08/2011 12:00	4	14
119	NDT	26/08/2011 8:00	26/08/2011 9:00	1	
120	Magnetic Particle Inspectoipn	26/08/2011 9:00	26/08/2011 10:00	1	
121	Eddy Current Inspection	26/08/2011 10:00	26/08/2011 11:00	1	
122	NDE	26/08/2011 11:00	26/08/2011 12:00	1	
123	Fixed hydraulic pipe work clamps removed	26/08/2011 12:00	26/08/2011 13:00	1	

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124	Fixed hydraulic pipe work clamps Inspected	26/08/2011 13:00	26/08/2011 14:00	1	
125	Bearing shafts Inspected	26/08/2011 14:00	26/08/2011 15:00	1	
126	Report prepared on same	26/08/2011 15:00	26/08/2011 16:00	1	
127	Mast travelling hoses tidied	26/08/2011 16:00	26/08/2011 17:00	1	
128	Remove superfluous small hydraulic hoses	26/08/2011 17:00	26/08/2011 18:00	1	
129	Clean Mast Table	6/09/2011 0:00	6/09/2011 0:00	0	19
130	NDT Load Bearing Areas	6/09/2011 0:00	6/09/2011 1:00	1	
131	Magnetic Particle Inspection	6/09/2011 1:00	6/09/2011 2:00	1	
132	Eddy Current Inspection	6/09/2011 2:00	6/09/2011 3:00	1	
133	NDE	6/09/2011 3:00	6/09/2011 4:00	1	
134	Check slip bowl gauge	6/09/2011 4:00	6/09/2011 5:00	1	
135	Check cavin clamp gauge	6/09/2011 5:00	6/09/2011 6:00	1	
136	Check Air cylinder operation	6/09/2011 6:00	6/09/2011 12:00	6	
137	Check Linkage system Operation	6/09/2011 12:00	6/09/2011 13:00	1	
138	Check Mast Table Opening	6/09/2011 13:00	6/09/2011 14:00	1	
139	Cylinder Hydraulic bypass test	6/09/2011 14:00	6/09/2011 15:00	1	
140	NDT Load Bearing Areas	6/09/2011 15:00	6/09/2011 16:00	1	
141	Magnetic Particle Inspectoipn	6/09/2011 16:00	6/09/2011 17:00	1	
142	Eddy Current inspection	6/09/2011 17:00	6/09/2011 18:00	1	
143	NDE	6/09/2011 18:00	6/09/2011 19:00	1	
144	Test Rig Floor Hydraulic Cyclinders	6/09/2011 19:00	6/09/2011 20:00	1	11.5
145	Confirm Max Pressure Available Hydraulic Cyclinders cti	6/09/2011 19:00	6/09/2011 22:30	3.5	
146	NDT Load Bearing Areas	6/09/2011 22:30	6/09/2011 23:30	1	
147	Magnetic Particle Inspection	6/09/2011 23:30	7/09/2011 0:30	1	
148	Eddy Current inspection	7/09/2011 0:30	7/09/2011 1:30	1	
149	NDE	7/09/2011 1:30	7/09/2011 2:30	1	
150	Visually Inspect Safety hand Rails	7/09/2011 2:30	7/09/2011 3:30	1	
151	Visually Inspect Safety Stairs	7/09/2011 3:30	7/09/2011 4:30	1	
152	Review Safe Work Area Rig Crew	7/09/2011 4:30	7/09/2011 5:30	1	
153	Survey Winch Operation Check	7/09/2011 5:30	7/09/2011 5:30	0	5
154	NDT Load Bearing Areas	7/09/2011 5:30	7/09/2011 6:30	1	
155	Magnetic Particle Inspection	7/09/2011 6:30	7/09/2011 7:30	1	
156	Eddy Current inspection	7/09/2011 7:30	7/09/2011 8:30	1	
157	NDE	7/09/2011 8:30	7/09/2011 9:30	1	
158	Calibrate Hydraulic System	7/09/2011 9:30	7/09/2011 10:30	1	
159	Drilling Console Check	7/09/2011 10:30	7/09/2011 10:30	0	11
160	Calibrate Hydraulic Pressure Gauges	7/09/2011 10:30	7/09/2011 11:30	1	
161	Replace Hold Back Gauge	7/09/2011 11:30	7/09/2011 12:30	1	
162	Replace Pull Down Gauge	7/09/2011 12:30	7/09/2011 13:30	1	
163	Replace Make Up Gauge	7/09/2011 13:30	7/09/2011 14:30	1	
164	General Inspection Husco 2 and 3 way DC valves	7/09/2011 14:30	7/09/2011 15:30	1	
165	Service Husco 2 and 3 way DC valves	7/09/2011 15:30	7/09/2011 16:30	1	
166	Remove Martin Decker gauge	7/09/2011 16:30	7/09/2011 17:30	1	
167	Send Martin Decker Gauge to test	7/09/2011 17:30	7/09/2011 18:30	1	
168	Recalibrate Martin Decker Gauge	7/09/2011 18:30	7/09/2011 19:30	1	
169	Return MDG to site	7/09/2011 19:30	7/09/2011 20:30	1	
170	Reinstall MDG	7/09/2011 20:30	7/09/2011 21:30	1	
	POWER SWIVEL TOP DRIVE			0	4.5
171	Remove anchor cable pins	26/08/2011 9:00	26/08/2011 9:00	0	57.5
172	Remove top drive	26/08/2011 9:00	26/08/2011 22:30	14.5	
173	Send to service agent	26/08/2011 23:30	27/08/2011 7:30	8	
174	Strip, assess, replace shaft bearings, seals, for king swivel	27/08/2011 7:30	28/08/2011 13:30	30	
175	NDT Load Bearing Areas: tilt and lock system	28/08/2011 13:30	28/08/2011 14:30	1	
176	Magnetic Particle Inspection	28/08/2011 14:30	28/08/2011 15:30	1	
177	Eddy Current Inspection	28/08/2011 15:30	28/08/2011 16:30	1	
178	NDE	28/08/2011 16:30	28/08/2011 17:30	1	
179	Tilt Cylinder Hydraulic Bypass Tests	28/08/2011 17:30	28/08/2011 18:30	1	
180	Visually Inspect 3000lb Swivel	28/08/2011 18:30	28/08/2011 18:30	0	20
181	NDT Load Bearing Areas	28/08/2011 18:30	28/08/2011 19:30	1	
182	Magnetic Particle Inspection	28/08/2011 19:30	28/08/2011 20:30	1	
183	Eddy Current inspection	28/08/2011 20:30	28/08/2011 21:30	1	
184	NDE	28/08/2011 21:30	28/08/2011 22:30	1	
185	Replace 3000lb Swivel with King swivel upgrade kit	28/08/2011 22:30	29/08/2011 13:30	15	
186	3" hardline thickness Inspection mud swivel to bullnose	29/08/2011 13:30	29/08/2011 14:30	1	
187	Inspect all hydraulic hoses	29/08/2011 14:30	29/08/2011 14:30	0	19.5

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188	Replace as required	29/08/2011 14:30	30/08/2011 0:30	10	
189	NDT Load Bearing Areas Top Drive Hydraulic Motors	30/08/2011 0:30	30/08/2011 4:00	3.5	
190	Magnetic Particle Inspection	30/08/2011 4:00	30/08/2011 5:00	1	
191	Eddy Current Inspection	30/08/2011 5:00	30/08/2011 6:00	1	
192	NDE	30/08/2011 6:00	30/08/2011 7:00	1	
193	Take Oil Sample	30/08/2011 7:00	30/08/2011 8:00	1	
194	Send oil Sample for Analysis	30/08/2011 8:00	30/08/2011 9:00	1	
195	Quill spindle dial indicator Inspection	30/08/2011 9:00	30/08/2011 10:00	1	
196	Float Sub Inspection	30/08/2011 10:00	30/08/2011 10:00	0	8
197	NDT Load 4-1/2" IF P/B threads	30/08/2011 10:00	30/08/2011 11:00	1	
198	Magnetic Particle Inspection	30/08/2011 11:00	30/08/2011 12:00	1	
199	Eddy Current inspection	30/08/2011 12:00	30/08/2011 13:00	1	
200	NDE	30/08/2011 13:00	30/08/2011 14:00	1	
201	Install new sealkit	30/08/2011 14:00	30/08/2011 17:00	3	
202	Install new washpipe in float sub	30/08/2011 17:00	30/08/2011 18:00	1	
203	Power swivel cradle guide roller bearings	30/08/2011 18:00	30/08/2011 18:00	0	3
204	Bearing Cleaned	30/08/2011 18:00	30/08/2011 19:00	1	
205	Bearing Inspected	30/08/2011 19:00	30/08/2011 20:00	1	
206	Bearing Replaced	30/08/2011 20:00	30/08/2011 21:00	1	
	Power Tongs - Serial N: J135-0122			0	2.625
207	Replace Rotating Clamp	25/08/2011 14:00	25/08/2011 22:00	8	63
208	Replace Mounting Bolts	30/08/2011 3:00	30/08/2011 6:00	3	
209	Strip four hydraulic cylinder clamps	30/08/2011 6:00	30/08/2011 9:00	3	
210	Reseal four hydraulic cylinder clamps	30/08/2011 9:00	30/08/2011 12:00	3	
211	Replace all hydraulic hoses	30/08/2011 12:00	30/08/2011 16:00	4	
212	Install hose sleeves and clamp	30/08/2011 16:00	31/08/2011 4:00	12	
213	Replace all hydraulic QC couplings	31/08/2011 4:00	31/08/2011 4:00	0	
214	Increase from 3/8" to 1/2" Style	31/08/2011 4:00	31/08/2011 4:00	0	
215	NDT Load Bearing Areas: power tong swing arms	31/08/2011 4:00	31/08/2011 4:00	0	
216	Magnetic Particle Inspection	31/08/2011 4:00	31/08/2011 4:00	0	
217	Eddy Current inspection	31/08/2011 4:00	31/08/2011 4:00	0	
218	NDE	31/08/2011 4:00	31/08/2011 4:00	0	
219	Replace support ring for power tong swing arm	3/09/2011 0:00	4/09/2011 0:00	24	
220	Roller Bearing Cleaned	4/09/2011 0:00	4/09/2011 6:00	6	
221	Roller Bearing Inspected	4/09/2011 6:00	4/09/2011 6:00	0	
222	Roller Bearing Replaced	4/09/2011 6:00	4/09/2011 6:00	0	
223	Test hydraulic system to calibration circuits	4/09/2011 6:00	4/09/2011 6:00	0	
	RIG CARRIER			0	6.125
224	Visually Inspect Mast A-frame pivot system	4/09/2011 6:00	4/09/2011 6:00	0	4
225	NDT Load Bearing Areas	4/09/2011 6:00	4/09/2011 7:00	1	
226	Magnetic Particle Inspection	4/09/2011 7:00	4/09/2011 8:00	1	
227	Eddy Current Inspection	4/09/2011 8:00	4/09/2011 9:00	1	
228	NDE	4/09/2011 9:00	4/09/2011 10:00	1	
229	Hydraulic Bypass Test Stabiliser Jack Legs	4/09/2011 10:00	4/09/2011 10:00	0	6
230	Hydraulic Velocity Fuse cleaned	4/09/2011 10:00	4/09/2011 11:00	1	
231	Hydraulic Velocity Fuse Inspected	4/09/2011 11:00	4/09/2011 12:00	1	
232	Hydraulic Velocity Fuse Replaced	4/09/2011 12:00	4/09/2011 13:00	1	
233	Dual Counterbalance Valves Cleaned	4/09/2011 13:00	4/09/2011 14:00	1	
234	Dual Counterbalance Valves Inspected	4/09/2011 14:00	4/09/2011 15:00	1	
235	Dual Counterbalance Valves Replaced	4/09/2011 15:00	4/09/2011 16:00	1	
236	Guy Rope Cables Tested	29/08/2011 6:00	29/08/2011 12:00	6	10
237	NDT Load Bearing Areas: Pad Eyes	29/08/2011 6:00	29/08/2011 7:00	1	
238	Magnetic Particle Inspection	29/08/2011 7:00	29/08/2011 8:00	1	
239	Eddy Current Inspection	29/08/2011 8:00	29/08/2011 9:00	1	
240	NDE	29/08/2011 9:00	29/08/2011 10:00	1	
241	Replace 6 Suspension Air Bags	29/08/2011 10:00	29/08/2011 16:00	6	13.5
242	Visually Inspect for Corrossion	29/08/2011 10:00	29/08/2011 11:30	1.5	
243	Check air supply piping and supply	29/08/2011 11:30	29/08/2011 17:30	6	
244	Function Test Air Brake System	6/09/2011 6:00	6/09/2011 12:00	6	9
245	Check and adjust Slack Adjusters	6/09/2011 6:00	6/09/2011 7:00	1	
246	Check and adjust Spring Break Boosters	6/09/2011 7:00	6/09/2011 8:00	1	
247	Check and adjust S cams	6/09/2011 8:00	6/09/2011 9:00	1	
248	Rotate all road wheels	6/09/2011 9:00	6/09/2011 9:00	0	2
249	Wheel Bearing Inspections	6/09/2011 9:00	6/09/2011 10:00	1	
250	Check Hub Seals for Leaks	6/09/2011 10:00	6/09/2011 11:00	1	

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251	Replace Air Service Tank		6/09/2011 11:00	6/09/2011 13:30	2.5	11
252	Remove Top Hydraulic Tank		6/09/2011 11:00	6/09/2011 14:00	3	
253	Drain Oil		6/09/2011 14:00	6/09/2011 15:00	1	
254	Internal Tank Inspection		6/09/2011 15:00	6/09/2011 16:00	1	
255	Replace all gaskets and seals		6/09/2011 16:00	6/09/2011 17:00	1	
256	Replace all filters		6/09/2011 17:00	6/09/2011 18:30	1.5	
257	Replace all oil		6/09/2011 18:30	6/09/2011 19:30	1	
258	Replace Hydraulic rig hoses around rig carrier		6/09/2011 19:30	7/09/2011 7:30	12	13
259	Hose truck/Peretek container on standby		6/09/2011 19:30	6/09/2011 20:30	1	
260	MTU Compressor to be replaced		6/09/2011 20:30	6/09/2011 22:30	2	7
261	Remove compressor		6/09/2011 20:30	6/09/2011 21:30	1	
262	Drain lube oil bypass		6/09/2011 21:30	6/09/2011 22:30	1	
263	Backload same		6/09/2011 22:30	6/09/2011 23:30	1	
264	Install new compressor		6/09/2011 23:30	7/09/2011 0:30	1	
265	Hook up new compressor		7/09/2011 0:30	7/09/2011 1:30	1	
266	Replace MTU engine remote filter hoses	Fi	7/09/2011 1:30	7/09/2011 7:30	6	12
267	Air clean Cyclone		7/09/2011 1:30	7/09/2011 2:30	1	
268	Remove		7/09/2011 2:30	7/09/2011 4:30	2	
269	Wash Clean		7/09/2011 4:30	7/09/2011 5:30	1	
270	Reinstall		7/09/2011 5:30	7/09/2011 7:30	2	
271	MTU front/rear engine crankshaft seals replace		7/09/2011 7:30	7/09/2011 7:30	0	4
272	Remove		7/09/2011 7:30	7/09/2011 9:30	2	
273	Replace		7/09/2011 9:30	7/09/2011 11:30	2	
274	MTU Hydraulic pump group flex plate		7/09/2011 11:30	7/09/2011 17:30	6	6
275	Remove		7/09/2011 11:30	7/09/2011 11:30	0	
276	Replace		7/09/2011 11:30	7/09/2011 11:30	0	
277	MTU Hydraulic pump group Funk Drive Box		7/09/2011 11:30	7/09/2011 13:30	2	10
278	Remove		7/09/2011 11:30	7/09/2011 17:30	6	
279	Replace		7/09/2011 17:30	7/09/2011 19:30	2	
280	Replace AV130 delivery manifold JIC fittings		7/09/2011 19:30	7/09/2011 19:30	0	3
281	Replace Rod Load hydraulic Danfoss pump	Ur	7/09/2011 19:30	7/09/2011 20:30	1	
282	Replace Rexroth A11VLO130 rotation pump		7/09/2011 20:30	7/09/2011 21:30	1	
283	All pump groups calibration tested	Ai	7/09/2011 21:30	7/09/2011 22:30	1	
284	MTU Radiator cooler pack repair		7/09/2011 22:30	7/09/2011 22:30	0	10
285	Dismantle		7/09/2011 22:30	8/09/2011 1:30	3	
286	Sendoff to town		8/09/2011 1:30	8/09/2011 7:30	6	
287	Repair tank gaskets		8/09/2011 7:30	8/09/2011 7:30	0	
288	Return from town		8/09/2011 7:30	8/09/2011 7:30	0	
289	Reinstall		8/09/2011 7:30	8/09/2011 8:30	1	
290	MTU engine scheduled Maintenance	OI	8/09/2011 8:30	8/09/2011 14:30	6	13
291	Remove valve covers		8/09/2011 8:30	8/09/2011 9:30	1	
292	Valve recession checks		8/09/2011 9:30	8/09/2011 11:30	2	
293	Test injectors		8/09/2011 11:30	8/09/2011 13:30	2	
294	Turbo Inspection tune up		8/09/2011 13:30	8/09/2011 15:30	2	
295	Funk Box Drive Input shaft seal replaced		8/09/2011 15:30	8/09/2011 18:00	2.5	7.5
296	Internal Bearing Inspected		8/09/2011 15:30	8/09/2011 17:30	2	
297	Internal Gear Inspected		8/09/2011 17:30	8/09/2011 19:30	2	
298	Analyse oil leak 1" BSP Plug		8/09/2011 19:30	8/09/2011 20:30	1	
299	TDI 150 Air Turbo Starter Motor	Re	8/09/2011 20:30	8/09/2011 20:30	0	3
300	Replace starter pinion check shaft bearing		8/09/2011 20:30	8/09/2011 22:30	2	
301	Clean turbo housing		8/09/2011 22:30	8/09/2011 23:30	1	
302	Rig Carrier Services		8/09/2011 23:30	8/09/2011 23:30	0	3
303	DC Valve Controls		8/09/2011 23:30	9/09/2011 0:30	1	
304	Hydraulic test calibration		9/09/2011 0:30	9/09/2011 1:30	1	
305	Visually Inspect		9/09/2011 1:30	9/09/2011 2:30	1	
	ROD LOADER				0	3.229167
306	Inspection and hose replacement	#	27/08/2011 3:00	27/08/2011 16:30	13.5	77.5
307	NDT : pins; anchor point; LBA		27/08/2011 3:00	27/08/2011 5:00	2	
308	Magnetic Particle Inspection		27/08/2011 5:00	27/08/2011 6:00	1	
309	Eddy Current inspection		27/08/2011 6:00	27/08/2011 7:00	1	
310	NDE		27/08/2011 7:00	27/08/2011 8:00	1	
311	Hydraulic Cylinder ByPass test		5/09/2011 0:00	5/09/2011 6:00	6	
312	Hydraulic Velocity Fuse Cleaned		5/09/2011 6:00	5/09/2011 7:00	1	
313	Hydraulic Velocity Fuse Inspected		5/09/2011 7:00	5/09/2011 8:00	1	
314	Hydraulic Velocity Fuse Replaced		5/09/2011 8:00	5/09/2011 9:00	1	

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315	Dual Counterbalance Valves Cleaned	5/09/2011 9:00	5/09/2011 10:00	1	
316	Dual Counterbalance Valves Inspected	5/09/2011 10:00	5/09/2011 11:00	1	
317	Dual Counterbalance Valves Replaced	5/09/2011 11:00	5/09/2011 12:00	1	
318	Replace Dual Counterbalance Valves	5/09/2011 12:00	5/09/2011 13:00	1	
319	Visually Inspect Dual Counterbalance Valves	5/09/2011 13:00	5/09/2011 14:00	1	
320	Replace Hydraulic Flexi Hoses for Hard lines	5/09/2011 14:00	5/09/2011 20:00	6	
321	Left Out Rigger Extension Cylinder reseal	5/09/2011 20:00	6/09/2011 2:00	6	
322	Replace ALL HYDRAULIC Hard line pipes	6/09/2011 2:00	7/09/2011 8:00	30	
323	Road Loader DC Valve Control Station	7/09/2011 8:00	7/09/2011 11:30	3.5	
324	Repair pipe handler hydraulic control tank.	7/09/2011 11:30	7/09/2011 17:30	6	
325	Bank to be resealed	7/09/2011 17:30	7/09/2011 23:30	6	
326	Clean all contamination away from V-door	7/09/2011 23:30	8/09/2011 0:30	1	
327					
328	Daytank/Koomey Skid	1/09/2011 11:00	4/09/2011 0:42	18	2.57142857
329	Mud Pump 1	4/09/2011 0:42	7/09/2011 11:00	24	3.42857143
330	Mud Pump2	7/09/2011 11:00	10/09/2011 21:17	24	3.42857143
331	General Skid	10/09/2011 21:17	13/09/2011 11:00	18	2.57142857
332	Westside Container and bin	13/09/2011 11:00	16/09/2011 21:17	24	3.42857143
333	Mechanic shack	16/09/2011 21:17	19/09/2011 11:00	18	2.57142857
334	Smoko shack	19/09/2011 11:00	22/09/2011 21:17	24	3.42857143
335	Company Man shack	22/09/2011 21:17	26/09/2011 7:34	24	3.42857143
336	Rig Manager shack	26/09/2011 7:34	29/09/2011 17:51	24	3.42857143
337	Camp Gen skid 1	29/09/2011 17:51	2/10/2011 7:34	18	2.57142857
338	Camp Gen skid 2	2/10/2011 7:34	5/10/2011 17:51	24	3.42857143
339	Camp Building 1	5/10/2011 17:51	9/10/2011 4:08	24	3.42857143
340	Camp Building 1	9/10/2011 4:08	12/10/2011 14:25	24	3.42857143
341	Camp Building 1	12/10/2011 14:25	16/10/2011 0:42	24	3.42857143
342	Camp Building 1	16/10/2011 0:42	19/10/2011 11:00	24	3.42857143
343	Camp Building 1	19/10/2011 11:00	22/10/2011 21:17	24	3.42857143
344	Camp Building 1	22/10/2011 21:17	26/10/2011 7:34	24	3.42857143
345	Camp Building 1	26/10/2011 7:34	29/10/2011 17:51	24	3.42857143
346	Lifting Equipment			408	58.2857143 days
347	ITAC Supervision				

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Task Number	Name	Description	Project	Task Cost (\$)	Operation Cost (\$)	Phase Cost (\$)	Duration (Days)	Resource Availability	Cum Man/Power Cost (\$)	Task Duration (Days)	Cumulative Project Cost (\$)	Remaining Capital (\$)					
								MM	UP	DD	MM	UP	DD	MEC	MEC		
TWO MAINTENANCE SHUTDOWN													480389.37	480389.37			
Movement Mast													10217.69	10217.69	10217.69		
1	Remove Mast Hold Cylinders	0914 0414 top pin		301.36	98363.11						353	59,646	5602,072				
2	Send to service agent	0914 0417 bottom pin x 2 =		0	0						510	59,801	5610,733				
3	Hydraulic Velocity Fuse Inspected	0914 0417 bottom pin x 2 =		0	0						510	59,801	5610,733				
4	NDT	0914 0417 bottom pin x 2 =		0	0						510	59,801	5610,733				
5	Magnetic Particle Inspection	0914 0417 bottom pin x 2 =		0	0						510	59,801	5610,733				
6	Eddy Current Inspection	0914 0417 bottom pin x 2 =		0	0						510	59,801	5610,733				
7	NDT	0914 0417 bottom pin x 2 =		0	0						510	59,801	5610,733				
8	Replace Cylinder Pins	0914 0417 bottom pin x 2 =		0	0						510	59,801	5610,733				
9	Reinstall Cylinder Pins	0914 0417 bottom pin x 2 =		0	0						510	59,801	5610,733				
10	Remove Mast Crown	0914 0467 sheave pins x 4 =		2234.64	18362.11						727	5110.54	5498.521				
11	Strip Mast Crown	0914 0467 sheave pins x 4 =		0	0						727	5110.54	5498.521				
12	Gauge Support and Rotation sheave pins	2311 0008 bearing # 2 = 5303.88		3039.88							2276	5127.54	5485.081				
13	NDT	2311 0008 bearing # 2 = 5303.88		0	0						2276	5127.54	5485.081				
14	Magnetic Particle Inspection	2311 0008 bearing # 2 = 5303.88		0	0						2276	5127.54	5485.081				
15	Eddy Current Inspection	2311 0008 bearing # 2 = 5303.88		0	0						2276	5127.54	5485.081				
16	NDT	2311 0008 bearing # 2 = 5303.88		0	0						2276	5127.54	5485.081				
17	NDT	2311 0008 bearing # 2 = 5303.88		0	0						2276	5127.54	5485.081				
18	Thrust washers cleaned	2311 0008 bearing # 2 = 5303.88		0	0						2276	5127.54	5485.081				
19	Bearing shafts inspected	2311 0008 bearing # 2 = 5303.88		0	0						2276	5127.54	5485.081				
20	Thrust washers Inspected	2311 0008 bearing # 2 = 5303.88		0	0						2276	5127.54	5485.081				
21	Bearing shafts Replaced	2311 0008 bearing # 2 = 5303.88		0	0						2276	5127.54	5485.081				
22	Thrust washers Replaced	2311 0008 bearing # 2 = 5303.88		0	0						2276	5127.54	5485.081				
23	Tie wire bolt to Cr Crown Mast	2311 0008 bearing # 2 = 5303.88		0	0						2276	5127.54	5485.081				
24	Remove Lower Sheave	3130 0047 sheave pins x 4 = 5468.48		5468.48	4274.4						2762	5133.80	5486.626				
25	Strip Lower Sheave	2311 0008 bearing # 2 = 5303.88		470.48							2738	5134.45	5486.112				
26	Gauge Lower Sheave	2311 0008 bearing # 4 = 5401.11		8015.11							2769	5140.454	5480.084				
27	NDT	2311 0008 bearing # 4 = 5401.11		0	0						2769	5140.454	5480.084				
28	Magnetic Particle Inspection	2311 0008 bearing # 4 = 5401.11		0	0						2769	5140.454	5480.084				
29	Eddy Current Inspection	2311 0008 bearing # 4 = 5401.11		0	0						2769	5140.454	5480.084				
30	NDT	2311 0008 bearing # 4 = 5401.11		0	0						2769	5140.454	5480.084				
31	NDT	2311 0008 bearing # 4 = 5401.11		0	0						2769	5140.454	5480.084				
32	NDT	2311 0008 bearing # 4 = 5401.11		0	0						2769	5140.454	5480.084				
33	NDT	2311 0008 bearing # 4 = 5401.11		0	0						2769	5140.454	5480.084				
34	NDT	2311 0008 bearing # 4 = 5401.11		0	0						2769	5140.454	5480.084				
35	NDT	2311 0008 bearing # 4 = 5401.11		0	0						2769	5140.454	5480.084				
36	NDT	2311 0008 bearing # 4 = 5401.11		0	0						2769	5140.454	5480.084				
37	Remove Roller Guides	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
38	Send Roller Guides	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
39	Gauge Lower Sheave	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
40	NDT	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
41	Magnetic Particle Inspection	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
42	Eddy Current Inspection	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
43	NDT	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
44	Roller Guide Cleaned	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
45	Roller Guides Inspected	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
46	Roller Guides Replaced	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
47	Bearing Cleaned	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
48	Bearing Inspected	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
49	Bearing Replaced	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
50	NDT Eccentric Flanges	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
51	Magnetic Particle Inspection Eccentric Flanges	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
52	Eddy Current Inspection Eccentric Flanges	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
53	NDT Eccentric Flanges	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
54	Inspect Movement Mast Sectional Body	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
55	NDT Feed pins and critical	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
56	Magnetic Particle Inspection critical	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
57	Eddy Current Inspection critical	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
58	NDT Feed pin and critical	0914 0418 pin x 2 =		0	0						3108	5211.553	5480.077				
FIXED MAST													51151.13				
59	Remove Mast Raise Cylinders	0914 0439 pin x 2 =		1422.06	47294.41						4549	5214.434	5402.144				
60	Send to service agent	0914 0439 pin x 2 =		0	0						4549	5214.434	5402.144				
61	Strip	0914 0439 pin x 2 =		0	0						4549	5214.434	5402.144				
62	Alseus Mast Raise Cylinders	0914 0439 pin x 2 =		0	0						4549	5214.434	5402.144				
63	NDT Upper & Lower Pins	0914 0439 pin x 2 =		0	0						4549	5214.434	5402.144				
64	Magnetic Particle Inspection	0914 0439 pin x 2 =		0	0						4549	5214.434	5402.144				
65	Eddy Current Inspection	0914 0439 pin x 2 =		0	0						4549	5214.434	5402.144				
66	NDT	0914 0439 pin x 2 =		0	0						4549	5214.434	5402.144				
67	Reassemble Mast Raise Cylinders	0914 0439 pin x 2 =		0	0						4549	5214.434	5402.144				
68	Return to TSD	0914 0439 pin x 2 =		0	0						4549	5214.434	5402.144				
69	Mast Outrigger cylinder hydraulic bypass test	0914 0439 pin x 2 =		250.1	856.21						5809	5261.736	5354.382				
70	Remove Tube Mechanical Jack	0914 0439 pin x 2 =		198.85							5809	5261.736	5354.382				
71	Strip	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
72	Clean Tube Mechanical Jack	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
73	NDT	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
74	Magnetic Particle Inspection	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
75	Eddy Current Inspection	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
76	NDT	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
77	Hydraulic Velocity Fuse cleaned	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
78	Hydraulic Velocity Fuse Inspected	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
79	Hydraulic Velocity Fuse Replaced	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
80	Dual Counterbalance Valves Cleaned	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
81	Dual Counterbalance Valves Inspected	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
82	Dual Counterbalance Valves Replaced	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
83	Replace Dual Counterbalance Valves	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
84	Troubleshoot Dual Counterbalance Valves	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
85	Mast Dump Cylinder Hydraulic Bypass Test	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
86	NDT	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
87	Magnetic Particle Inspection	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
88	Eddy Current Inspection	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
89	NDT	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
90	Replace Pins	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
91	Reinstall Cylinder Pins	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
92	Hydraulic Velocity Fuse Cleaned	0914 0439 pin x 2 =		0	0						5809	5261.736	5354.382				
93																	

Crew Pay	226,429
Accomodation	64,806
HTS Pumps	21,930
WGW corner castings man hours	43,200
King Swivel	35,994
AIRDRILL parts List	112,011
Top Drive	40,000
Crew change flights	26985
Cranes	3840
ITAC corner castings	49300

624,495

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ITAC COST

ITEM	DESCRIPTION	ESTIMATED COST \$	Boilermaker					CONTAINER			Boilermaker Costs	ESTIMATED COST \$	Corner			Flat	
			Manhours	Castings	RHS	Plates	Gussets	UB	FLAT BAR	PINS			Castings	RHS	Plates	Gussets	
						110											
1	Daytank/Koomey Skid	2860	18	4	2	4	8					1980	880	4	2	4	8
2	Mud Pump 1	3520	24	4	2							2640	880	4	2		
3	Mud Pump2	3520	24	4	2							2640	880	4	2		
4	General Skid	2860	18	4	2	4	8					1980	880	4	2	4	8
5	Westside Container and bin	8360	24	4	3	4	8		2	4		2640	5720	4	3	4	8
6	Mechanic shack	2860	18	4	2	4	8					1980	880	4	2	4	8
7	Smoko shack	2530	24	4	2	4	8					2640	-110	4	2	4	8
8	Company Man shack	2530	24	4	2	4	8					2640	-110	4	2	4	8
9	Rig Manager shack	2530	24	4	2	4	8					2640	-110	4	2	4	8
10	Camp Gen skid 1	5940	18	4	2	4	8	1		2		1980	3960	4	2	4	8
11	Camp Gen skid 2	2530	24	4	2	4	8					2640	-110	4	2	4	8
12	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8
13	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8
14	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8
15	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8
16	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8
17	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8
18	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8
		57750										44880					
	Lifting Equipment	23700															
	ITAC Supervision	11000															
		34700										22500					
		92450										22380					
	408 man hours																

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Task Number	Name	Description	Start	End	Task Duration (hrs)	Operation Duration (hrs)	Phase Duration (Days)	Project Duration (Days)	Hours	GANNT CHART (DAYS)																																
		TXD MAINTENANCE SHUTDOWN	25/08/2011 0:00	8/09/2011 0:30	1041	1027.5	42.8125	14.02083333	336																																	
		Movement Tele Mast	25/08/2011 4:30	9/09/2011 5:30	0		17.72917																																			
1		Remove Main Hoist Cylinders	25/08/2011 4:30	25/08/2011 8:30	4	361																																				
2		Send to service agent	25/08/2011 8:30	25/08/2011 16:30	8																																					
3		Strip cylinders	25/08/2011 16:30	26/08/2011 12:30	20																																					
4		NDT	26/08/2011 12:30	26/08/2011 13:30	1																																					
5		Magnetic Particle Inspectoin	26/08/2011 13:30	26/08/2011 14:30	1																																					
6		Eddy Current inspection	26/08/2011 14:30	26/08/2011 15:30	1																																					
7		NDE	26/08/2011 15:30	26/08/2011 16:30	1																																					
8		Replace Cylinder Pins	26/08/2011 16:30	9/09/2011 4:30	324																																					
9		Reinstall Cylinder Pins	9/09/2011 4:30	9/09/2011 5:30	1																																					
10		Remove Mast Crown	25/08/2011 9:00	25/08/2011 9:00	0	23																																				
11		Strip Mast Crown	25/08/2011 9:00	25/08/2011 17:00	8																																					
12		Gauge Support and Rotation sheave pins	25/08/2011 17:00	25/08/2011 21:00	4																																					
13		NDT	25/08/2011 21:00	25/08/2011 22:00	1																																					
14		Magnetic Particle Inspection	25/08/2011 22:00	25/08/2011 23:00	1																																					
15		Eddy Current inspection	25/08/2011 23:00	26/08/2011 0:00	1																																					
16		NDE	26/08/2011 0:00	26/08/2011 1:00	1																																					
17		Bearing shafts cleaned	26/08/2011 1:00	26/08/2011 2:00	1																																					
18		Thrust washers cleaned	26/08/2011 2:00	26/08/2011 3:00	1																																					
19		Bearing shafts Inspected	26/08/2011 3:00	26/08/2011 4:00	1																																					
20		Thrust washers Inspected	26/08/2011 4:00	26/08/2011 5:00	1																																					
21		Bearing shafts Replaced	26/08/2011 5:00	26/08/2011 6:00	1																																					
22		Thrust washers Replaced	26/08/2011 6:00	26/08/2011 7:00	1																																					
23		Tie wire bolt to fix Crown-Mast	26/08/2011 7:00	26/08/2011 8:00	1																																					
24		Remove Lower Sheave	25/08/2011 1:00	25/08/2011 3:00	2	14																																				
25		Strip Lower Sheave	25/08/2011 1:00	25/08/2011 2:00	1																																					
26		Gauge Lower Sheave	25/08/2011 2:00	25/08/2011 3:00	1																																					
27		NDT	25/08/2011 3:00	25/08/2011 4:00	1																																					
28		Magnetic Particle Inspectoin	25/08/2011 4:00	25/08/2011 5:00	1																																					
29		Eddy Current inspection	25/08/2011 5:00	25/08/2011 6:00	1																																					
30		NDE	25/08/2011 6:00	25/08/2011 7:00	1																																					
31		Sheave cleaned	25/08/2011 7:00	25/08/2011 8:00	1																																					
32		Sheave Inspected	25/08/2011 8:00	25/08/2011 9:00	1																																					
33		Sheave Replaced	25/08/2011 9:00	25/08/2011 10:00	1																																					
34		Bearing cleaned	25/08/2011 10:00	25/08/2011 11:00	1																																					
35		Bearing Inspected	25/08/2011 11:00	25/08/2011 12:00	1																																					
36		Bearing Replaced	25/08/2011 12:00	25/08/2011 13:00	1																																					
37		Remove Roller Guides	25/08/2011 13:00	25/08/2011 14:00	1	19.5																																				
38		Strip Roller Guides	25/08/2011 13:00	25/08/2011 16:30	3.5																																					
39		Gauge Lower Sheave	25/08/2011 16:30	25/08/2011 17:30	1																																					
40		NDT	25/08/2011 17:30	25/08/2011 18:30	1																																					
41		Magnetic Particle Inspectoin	25/08/2011 18:30	25/08/2011 19:30	1																																					
42		Eddy Current inspection	25/08/2011 19:30	25/08/2011 20:30	1																																					
43		NDE	25/08/2011 20:30	25/08/2011 21:30	1																																					
44		Roller Guide Cleaned	25/08/2011 21:30	25/08/2011 22:30	1																																					
45		Roller Guides Inspected	25/08/2011 22:30	25/08/2011 23:30	1																																					
46		Roller Guides Replaced	25/08/2011 23:30	26/08/2011 0:30	1																																					
47		Bearing Cleaned	26/08/2011 0:30	26/08/2011 1:30	1																																					
48		Bearing Inspected	26/08/2011 1:30	26/08/2011 2:30	1																																					
49		Bearing Replaced	26/08/2011 2:30	26/08/2011 3:30	1																																					
50		NDT Eccentric Flanges	26/08/2011 3:30	26/08/2011 4:30	1																																					
51		Magnetic Particle Inspection Eccentric Flanges	26/08/2011 4:30	26/08/2011 5:30	1																																					
52		Eddy Current inspection Eccentric Flanges	26/08/2011 5:30	26/08/2011 6:30	1																																					
53		NDE Eccentric Flanges	26/08/2011 6:30	26/08/2011 7:30	1																																					
54		Inspect Movement Mast Sectional Body	26/08/2011 7:30	26/08/2011 11:30	4	8																																				
55		NDT fixed pins and criticals	26/08/2011 7:30	26/08/2011 8:30	1																																					
56		Magnetic Particle Inspection criticals	26/08/2011 8:30	26/08/2011 9:30	1																																					
57		Eddy Current inspection criticals	26/08/2011 9:30	26/08/2011 10:30	1																																					
58		NDE fixed pin and criticals	10/09/2011 0:00	10/09/2011 1:00	1																																					
		FIXED MAST			0		6.145833																																			

59	Remove Mast Raise Cylinders	10/09/2011 1:00	10/09/2011 5:00	4	35
60	Send to service agent	10/09/2011 1:00	10/09/2011 9:00	8	
61	Strip	10/09/2011 9:00	10/09/2011 13:00	4	
62	Assess Mast Raise Cylinders	10/09/2011 13:00	10/09/2011 14:00	1	
63	NDT Upper & Lower Pins	10/09/2011 14:00	10/09/2011 15:00	1	
64	Magnetic Particle Inspectoipn	10/09/2011 15:00	10/09/2011 16:00	1	
65	Eddy Current inspection	10/09/2011 16:00	10/09/2011 17:00	1	
66	NDE	10/09/2011 17:00	10/09/2011 18:00	1	
67	Reassemble Mast Raise Cylinders	10/09/2011 18:00	11/09/2011 0:00	6	
68	Return to TXD	11/09/2011 0:00	11/09/2011 8:00	8	
69	Mast Outrigger cylinder hydraulic bypass test	11/09/2011 8:00	11/09/2011 12:00	4	19
70	Remove Tube Mechanical Jack	11/09/2011 8:00	11/09/2011 9:00	1	
71	Strip	11/09/2011 9:00	11/09/2011 10:00	1	
72	Clean Tube Mechanical Jack	11/09/2011 10:00	11/09/2011 11:00	1	
73	NDT	11/09/2011 11:00	11/09/2011 12:00	1	
74	Magnetic Particle Inspectoipn	11/09/2011 12:00	11/09/2011 13:00	1	
75	Eddy Current inspection	11/09/2011 13:00	11/09/2011 14:00	1	
76	NDE	11/09/2011 14:00	11/09/2011 15:00	1	
77	Hydraulic Velocity Fuse cleaned	11/09/2011 15:00	11/09/2011 16:00	1	
78	Hydraulic Velocity Fuse Inspected	11/09/2011 16:00	11/09/2011 17:00	1	
79	Hydraulic Velocity Fuse Replaced	11/09/2011 17:00	11/09/2011 18:00	1	
80	Dual Counterbalance Valves Cleaned	11/09/2011 18:00	11/09/2011 19:00	1	
81	Dual Counterbalance Valves Inspected	11/09/2011 19:00	11/09/2011 20:00	1	
82	Dual Counterbalance Valves Replaced	11/09/2011 20:00	11/09/2011 21:00	1	
83	Replace Dual Counterbalance Valves	11/09/2011 21:00	11/09/2011 22:00	1	
84	Visually Inspect Dual Counterbalance Valves	11/09/2011 22:00	11/09/2011 23:00	1	
85	Mast Dump Cylinder Hydraulic Bypass Test	25/08/2011 22:00	25/08/2011 23:00	1	17
86	NDT	25/08/2011 22:00	25/08/2011 23:00	1	
87	Magnetic Particle Inspection	25/08/2011 23:00	26/08/2011 0:00	1	
88	Eddy Current Inspection	26/08/2011 0:00	26/08/2011 1:00	1	
89	NDE	26/08/2011 1:00	26/08/2011 2:00	1	
90	Replace Pins	26/08/2011 2:00	26/08/2011 3:00	1	
91	Reinstall Cylinder Pins	11/09/2011 2:00	11/09/2011 3:00	1	
92	Hydraulic Velocity Fuse Cleaned	11/09/2011 3:00	11/09/2011 4:00	1	
93	Hydraulic Velocity Fuse Inspected	11/09/2011 4:00	11/09/2011 5:00	1	
94	Hydraulic Velocity Fuse Replaced	11/09/2011 5:00	11/09/2011 6:00	1	
95	Mast Dump Slides cleaned	11/09/2011 6:00	11/09/2011 7:00	1	
96	Mast Dump Slides Inspected	11/09/2011 7:00	11/09/2011 8:00	1	
97	Mast Dump Slides Replaced	11/09/2011 8:00	11/09/2011 9:00	1	
98	NDT : pivot points; wedges; critical LBA	11/09/2011 9:00	11/09/2011 10:00	1	
99	Magnetic Particle Inspection	11/09/2011 10:00	11/09/2011 11:00	1	
100	Eddy Current inspection	11/09/2011 11:00	11/09/2011 12:00	1	
101	NDE	11/09/2011 12:00	11/09/2011 13:00	1	
102	Mast Tension Cylinder Hydraulic Bypass Test	11/09/2011 13:00	11/09/2011 14:00	1	6
103	NDT : pins; anchor point; LBA	11/09/2011 13:00	11/09/2011 14:00	1	
104	Magnetic Particle Inspection	11/09/2011 14:00	11/09/2011 15:00	1	
105	Eddy Current inspection	11/09/2011 15:00	11/09/2011 16:00	1	
106	NDE	11/09/2011 16:00	11/09/2011 17:00	1	
107	Calibrate to rig system hydraulic circuits	11/09/2011 17:00	11/09/2011 18:00	1	
108	Jib Boom Cylinder Hydraulic Bypass Test	25/08/2011 23:00	26/08/2011 0:00	1	10
109	NDT : pivot points; wedges; critical LBA	25/08/2011 23:00	26/08/2011 0:00	1	
110	Magnetic Particle Inspection	26/08/2011 0:00	26/08/2011 1:00	1	
111	Eddy Current inspection	26/08/2011 1:00	26/08/2011 2:00	1	
112	NDE	26/08/2011 2:00	26/08/2011 3:00	1	
113	Stop block adjustments check	26/08/2011 3:00	26/08/2011 4:00	1	
114	Stop block adjustments calibration	26/08/2011 4:00	26/08/2011 5:00	1	
115	Limiting system adjustment checks	26/08/2011 5:00	26/08/2011 6:00	1	
116	Limiting system adjustment calibration	26/08/2011 6:00	26/08/2011 7:00	1	
117	Replace winch cable	26/08/2011 7:00	26/08/2011 8:00	1	
118	Mast Standpipe Thickness Inspection	26/08/2011 8:00	26/08/2011 12:00	4	14
119	NDT	26/08/2011 8:00	26/08/2011 9:00	1	
120	Magnetic Particle Inspectoipn	26/08/2011 9:00	26/08/2011 10:00	1	
121	Eddy Current Inspection	26/08/2011 10:00	26/08/2011 11:00	1	
122	NDE	26/08/2011 11:00	26/08/2011 12:00	1	
123	Fixed hydraulic pipe work clamps removed	26/08/2011 12:00	26/08/2011 13:00	1	

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124	Fixed hydraulic pipe work clamps Inspected	26/08/2011 13:00	26/08/2011 14:00	1	
125	Bearing shafts Inspected	26/08/2011 14:00	26/08/2011 15:00	1	
126	Report prepared on same	26/08/2011 15:00	26/08/2011 16:00	1	
127	Mast travelling hoses tidied	26/08/2011 16:00	26/08/2011 17:00	1	
128	Remove superfluous small hydraulic hoses	26/08/2011 17:00	26/08/2011 18:00	1	
129	Clean Mast Table	9/09/2011 0:00	9/09/2011 0:00	0	19
130	NDT Load Bearing Areas	9/09/2011 0:00	9/09/2011 1:00	1	
131	Magnetic Particle Inspection	9/09/2011 1:00	9/09/2011 2:00	1	
132	Eddy Current Inspection	9/09/2011 2:00	9/09/2011 3:00	1	
133	NDE	9/09/2011 3:00	9/09/2011 4:00	1	
134	Check slip bowl gauge	9/09/2011 4:00	9/09/2011 5:00	1	
135	Check cavin clamp gauge	9/09/2011 5:00	9/09/2011 6:00	1	
136	Check Air cylinder operation	9/09/2011 6:00	9/09/2011 12:00	6	
137	Check Linkage system Operation	9/09/2011 12:00	9/09/2011 13:00	1	
138	Check Mast Table Opening	9/09/2011 13:00	9/09/2011 14:00	1	
139	Cylinder Hydraulic bypass test	9/09/2011 14:00	9/09/2011 15:00	1	
140	NDT Load Bearing Areas	9/09/2011 15:00	9/09/2011 16:00	1	
141	Magnetic Particle Inspectoipn	9/09/2011 16:00	9/09/2011 17:00	1	
142	Eddy Current inspection	9/09/2011 17:00	9/09/2011 18:00	1	
143	NDE	9/09/2011 18:00	9/09/2011 19:00	1	
144	Test Rig Floor Hydraulic Cyclinders	9/09/2011 19:00	9/09/2011 20:00	1	11.5
145	Confirm Max Pressure Available Hydraulic Cyclinders	9/09/2011 19:00	9/09/2011 22:30	3.5	
146	NDT Load Bearing Areas	9/09/2011 22:30	9/09/2011 23:30	1	
147	Magnetic Particle Inspection	9/09/2011 23:30	10/09/2011 0:30	1	
148	Eddy Current inspection	10/09/2011 0:30	10/09/2011 1:30	1	
149	NDE	10/09/2011 1:30	10/09/2011 2:30	1	
150	Visually Inspect Safety hand Rails	10/09/2011 2:30	10/09/2011 3:30	1	
151	Visually Inspect Safety Stairs	10/09/2011 3:30	10/09/2011 4:30	1	
152	Review Safe Work Area Rig Crew	10/09/2011 4:30	10/09/2011 5:30	1	
153	Survey Winch Operation Check	10/09/2011 5:30	10/09/2011 5:30	0	5
154	NDT Load Bearing Areas	10/09/2011 5:30	10/09/2011 6:30	1	
155	Magnetic Particle Inspection	10/09/2011 6:30	10/09/2011 7:30	1	
156	Eddy Current inspection	10/09/2011 7:30	10/09/2011 8:30	1	
157	NDE	10/09/2011 8:30	10/09/2011 9:30	1	
158	Calibrate Hydraulic System	10/09/2011 9:30	10/09/2011 10:30	1	
159	Drilling Console Check	10/09/2011 10:30	10/09/2011 10:30	0	11
160	Calibrate Hydraulic Pressure Gauges	10/09/2011 10:30	10/09/2011 11:30	1	
161	Replace Hold Back Gauge	10/09/2011 11:30	10/09/2011 12:30	1	
162	Replace Pull Down Gauge	10/09/2011 12:30	10/09/2011 13:30	1	
163	Replace Make Up Gauge	10/09/2011 13:30	10/09/2011 14:30	1	
164	General Inspection Husco 2 and 3 way DC valves	10/09/2011 14:30	10/09/2011 15:30	1	
165	Service Husco 2 and 3 way DC valves	10/09/2011 15:30	10/09/2011 16:30	1	
166	Remove Martin Decker gauge	10/09/2011 16:30	10/09/2011 17:30	1	
167	Send Martin Decker Gauge to test	10/09/2011 17:30	10/09/2011 18:30	1	
168	Recalibrate Martin Decker Gauge	10/09/2011 18:30	10/09/2011 19:30	1	
169	Return MDG to site	10/09/2011 19:30	10/09/2011 20:30	1	
170	Reinstall MDG	10/09/2011 20:30	10/09/2011 21:30	1	
	POWER SWIVEL TOP DRIVE			0	4.5
171	Remove anchor cable pins	26/08/2011 9:00	26/08/2011 9:00	0	57.5
172	Remove top drive	26/08/2011 9:00	26/08/2011 22:30	14.5	
173	Send to service agent	26/08/2011 23:30	27/08/2011 7:30	8	
174	Strip, assess, replace shaft bearings, seals, for king swivel	27/08/2011 7:30	28/08/2011 13:30	30	
175	NDT Load Bearing Areas: tilt and lock system	28/08/2011 13:30	28/08/2011 14:30	1	
176	Magnetic Particle Inspection	28/08/2011 14:30	28/08/2011 15:30	1	
177	Eddy Current Inspection	28/08/2011 15:30	28/08/2011 16:30	1	
178	NDE	28/08/2011 16:30	28/08/2011 17:30	1	
179	Tilt Cylinder Hydraulic Bypass Tests	28/08/2011 17:30	28/08/2011 18:30	1	
180	Visually Inspect 3000lb Swivel	28/08/2011 18:30	28/08/2011 18:30	0	20
181	NDT Load Bearing Areas	28/08/2011 18:30	28/08/2011 19:30	1	
182	Magnetic Particle Inspection	28/08/2011 19:30	28/08/2011 20:30	1	
183	Eddy Current inspection	28/08/2011 20:30	28/08/2011 21:30	1	
184	NDE	28/08/2011 21:30	28/08/2011 22:30	1	
185	Replace 3000lb Swivel with King swivel upgrade kit	28/08/2011 22:30	29/08/2011 13:30	15	
186	3" hardline thickness Inspection mud swivel to bullnose	29/08/2011 13:30	29/08/2011 14:30	1	
187	Inspect all hydraulic hoses	29/08/2011 14:30	29/08/2011 14:30	0	19.5

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188	Replace as required	29/08/2011 14:30	30/08/2011 0:30	10	
189	NDT Load Bearing Areas Top Drive Hydraulic Motors	30/08/2011 0:30	30/08/2011 4:00	3.5	
190	Magnetic Particle Inspection	30/08/2011 4:00	30/08/2011 5:00	1	
191	Eddy Current Inspection	30/08/2011 5:00	30/08/2011 6:00	1	
192	NDE	30/08/2011 6:00	30/08/2011 7:00	1	
193	Take Oil Sample	30/08/2011 7:00	30/08/2011 8:00	1	
194	Send oil Sample for Analysis	30/08/2011 8:00	30/08/2011 9:00	1	
195	Quill spindle dial indicator Inspection	30/08/2011 9:00	30/08/2011 10:00	1	
196	Float Sub Inspection	30/08/2011 10:00	30/08/2011 10:00	0	8
197	NDT Load 4-1/2" IF P/B threads	30/08/2011 10:00	30/08/2011 11:00	1	
198	Magnetic Particle Inspection	30/08/2011 11:00	30/08/2011 12:00	1	
199	Eddy Current inspection	30/08/2011 12:00	30/08/2011 13:00	1	
200	NDE	30/08/2011 13:00	30/08/2011 14:00	1	
201	Install new sealkit	30/08/2011 14:00	30/08/2011 17:00	3	
202	Install new washpipe in float sub	30/08/2011 17:00	30/08/2011 18:00	1	
203	Power swivel cradle guide roller bearings	30/08/2011 18:00	30/08/2011 18:00	0	3
204	Bearing Cleaned	30/08/2011 18:00	30/08/2011 19:00	1	
205	Bearing Inspected	30/08/2011 19:00	30/08/2011 20:00	1	
206	Bearing Replaced	30/08/2011 20:00	30/08/2011 21:00	1	
	Power Tongs - Serial N: J135-0122			0	2.625
207	Replace Rotating Clamp	25/08/2011 14:00	25/08/2011 22:00	8	63
208	Replace Mounting Bolts	30/08/2011 3:00	30/08/2011 6:00	3	
209	Strip four hydraulic cylinder clamps	30/08/2011 6:00	30/08/2011 9:00	3	
210	Reseal four hydraulic cylinder clamps	30/08/2011 9:00	30/08/2011 12:00	3	
211	Replace all hydraulic hoses	30/08/2011 12:00	30/08/2011 16:00	4	
212	Install hose sleeves and clamp	30/08/2011 16:00	31/08/2011 4:00	12	
213	Replace all hydraulic QC couplings	31/08/2011 4:00	31/08/2011 4:00	0	
214	Increase from 3/8" to 1/2" Style	31/08/2011 4:00	31/08/2011 4:00	0	
215	NDT Load Bearing Areas: power tong swing arms	31/08/2011 4:00	31/08/2011 4:00	0	
216	Magnetic Particle Inspection	31/08/2011 4:00	31/08/2011 4:00	0	
217	Eddy Current inspection	31/08/2011 4:00	31/08/2011 4:00	0	
218	NDE	31/08/2011 4:00	31/08/2011 4:00	0	
219	Replace support ring for power tong swing arm	3/09/2011 0:00	4/09/2011 0:00	24	
220	Roller Bearing Cleaned	4/09/2011 0:00	4/09/2011 6:00	6	
221	Roller Bearing Inspected	4/09/2011 6:00	4/09/2011 6:00	0	
222	Roller Bearing Replaced	4/09/2011 6:00	4/09/2011 6:00	0	
223	Test hydraulic system to calibration circuits	4/09/2011 6:00	4/09/2011 6:00	0	
	RIG CARRIER			0	8.583333
224	Visually Inspect Mast A-frame pivot system	4/09/2011 6:00	4/09/2011 6:00	0	4
225	NDT Load Bearing Areas	4/09/2011 6:00	4/09/2011 7:00	1	
226	Magnetic Particle Inspection	4/09/2011 7:00	4/09/2011 8:00	1	
227	Eddy Current Inspection	4/09/2011 8:00	4/09/2011 9:00	1	
228	NDE	4/09/2011 9:00	4/09/2011 10:00	1	
229	Hydraulic Bypass Test Stabiliser Jack Legs	4/09/2011 10:00	4/09/2011 10:00	0	6
230	Hydraulic Velocity Fuse cleaned	4/09/2011 10:00	4/09/2011 11:00	1	
231	Hydraulic Velocity Fuse Inspected	4/09/2011 11:00	4/09/2011 12:00	1	
232	Hydraulic Velocity Fuse Replaced	4/09/2011 12:00	4/09/2011 13:00	1	
233	Dual Counterbalance Valves Cleaned	4/09/2011 13:00	4/09/2011 14:00	1	
234	Dual Counterbalance Valves Inspected	4/09/2011 14:00	4/09/2011 15:00	1	
235	Dual Counterbalance Valves Replaced	4/09/2011 15:00	4/09/2011 16:00	1	
236	Guy Rope Cables Tested	29/08/2011 6:00	29/08/2011 12:00	6	10
237	NDT Load Bearing Areas: Pad Eyes	29/08/2011 6:00	29/08/2011 7:00	1	
238	Magnetic Particle Inspection	29/08/2011 7:00	29/08/2011 8:00	1	
239	Eddy Current Inspection	29/08/2011 8:00	29/08/2011 9:00	1	
240	NDE	29/08/2011 9:00	29/08/2011 10:00	1	
241	Replace 6 Suspension Air Bags	29/08/2011 10:00	29/08/2011 16:00	6	13.5
242	Visually Inspect for Corrossion	29/08/2011 10:00	29/08/2011 11:30	1.5	
243	Check air supply piping and supply	29/08/2011 11:30	29/08/2011 17:30	6	
244	Function Test Air Brake System	6/09/2011 6:00	6/09/2011 12:00	6	9
245	Check and adjust Slack Adjusters	6/09/2011 6:00	6/09/2011 7:00	1	
246	Check and adjust Spring Break Boosters	6/09/2011 7:00	6/09/2011 8:00	1	
247	Check and adjust S cams	6/09/2011 8:00	6/09/2011 9:00	1	
248	Rotate all road wheels	6/09/2011 9:00	6/09/2011 9:00	0	2
249	Wheel Bearing Inspections	6/09/2011 9:00	6/09/2011 10:00	1	
250	Check Hub Seals for Leaks	6/09/2011 10:00	6/09/2011 11:00	1	

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251	Replace Air Service Tank		6/09/2011 11:00	6/09/2011 13:30	2.5	70
252	Remove Top Hydraulic Tank		6/09/2011 11:00	6/09/2011 14:00	3	
253	Drain Oil		6/09/2011 14:00	6/09/2011 15:00	1	
254	Internal Tank Inspection		6/09/2011 15:00	6/09/2011 16:00	1	
255	Replace all gaskets and seals		6/09/2011 16:00	6/09/2011 17:00	1	
256	Replace all filters		6/09/2011 17:00	6/09/2011 18:30	1.5	
257	Replace all oil		6/09/2011 18:30	9/09/2011 6:30	60	
258	Replace Hydraulic rig hoses around rig carrier		9/09/2011 6:30	9/09/2011 18:30	12	13
259	Hose truck/Peretek container on standby		9/09/2011 6:30	9/09/2011 7:30	1	
260	MTU Compressor to be replaced		9/09/2011 7:30	9/09/2011 9:30	2	7
261	Remove compressor		9/09/2011 7:30	9/09/2011 8:30	1	
262	Drain lube oil bypass		9/09/2011 8:30	9/09/2011 9:30	1	
263	Backload same		9/09/2011 9:30	9/09/2011 10:30	1	
264	Install new compressor		9/09/2011 10:30	9/09/2011 11:30	1	
265	Hook up new compressor		9/09/2011 11:30	9/09/2011 12:30	1	
266	Replace MTU engine remote filter hoses	Fi	9/09/2011 12:30	9/09/2011 18:30	6	12
267	Air clean Cyclone		9/09/2011 12:30	9/09/2011 13:30	1	
268	Remove		9/09/2011 13:30	9/09/2011 15:30	2	
269	Wash Clean		9/09/2011 15:30	9/09/2011 16:30	1	
270	Reinstall		9/09/2011 16:30	9/09/2011 18:30	2	
271	MTU front/rear engine crankshaft seals replace		9/09/2011 18:30	9/09/2011 18:30	0	4
272	Remove		9/09/2011 18:30	9/09/2011 20:30	2	
273	Replace		9/09/2011 20:30	9/09/2011 22:30	2	
274	MTU Hydraulic pump group flex plate		9/09/2011 22:30	10/09/2011 4:30	6	6
275	Remove		9/09/2011 22:30	9/09/2011 22:30	0	
276	Replace		9/09/2011 22:30	9/09/2011 22:30	0	
277	MTU Hydraulic pump group Funk Drive Box		9/09/2011 22:30	10/09/2011 0:30	2	10
278	Remove		9/09/2011 22:30	10/09/2011 4:30	6	
279	Replace		10/09/2011 4:30	10/09/2011 6:30	2	
280	Replace AV130 delivery manifold JIC fittings		10/09/2011 6:30	10/09/2011 6:30	0	3
281	Replace Rod Load hydraulic Danfoss pump	Ur	10/09/2011 6:30	10/09/2011 7:30	1	
282	Replace Rexroth A11VLO130 rotation pump		10/09/2011 7:30	10/09/2011 8:30	1	
283	All pump groups calibration tested	Ai	10/09/2011 8:30	10/09/2011 9:30	1	
284	MTU Radiator cooler pack repair		10/09/2011 9:30	10/09/2011 9:30	0	10
285	Dismantle		10/09/2011 9:30	10/09/2011 12:30	3	
286	Sendoff to town		10/09/2011 12:30	10/09/2011 18:30	6	
287	Repair tank gaskets		10/09/2011 18:30	10/09/2011 18:30	0	
288	Return from town		10/09/2011 18:30	10/09/2011 18:30	0	
289	Reinstall		10/09/2011 18:30	10/09/2011 19:30	1	
290	MTU engine scheduled Maintenance	Oi	10/09/2011 19:30	11/09/2011 1:30	6	13
291	Remove valve covers		10/09/2011 19:30	10/09/2011 20:30	1	
292	Valve recession checks		10/09/2011 20:30	10/09/2011 22:30	2	
293	Test injectors		10/09/2011 22:30	11/09/2011 0:30	2	
294	Turbo Inspection tune up		11/09/2011 0:30	11/09/2011 2:30	2	
295	Funk Box Drive Input shaft seal replaced		11/09/2011 2:30	11/09/2011 5:00	2.5	7.5
296	Internal Bearing Inspected		11/09/2011 2:30	11/09/2011 4:30	2	
297	Internal Gear Inspected		11/09/2011 4:30	11/09/2011 6:30	2	
298	Analyse oil leak 1" BSP Plug		11/09/2011 6:30	11/09/2011 7:30	1	
299	TDI 150 Air Turbo Starter Motor	Re	11/09/2011 7:30	11/09/2011 7:30	0	3
300	Replace starter pinion check shaft bearing		11/09/2011 7:30	11/09/2011 9:30	2	
301	Clean turbo housing		11/09/2011 9:30	11/09/2011 10:30	1	
302	Rig Carrier Services		11/09/2011 10:30	11/09/2011 10:30	0	3
303	DC Valve Controls		11/09/2011 10:30	11/09/2011 11:30	1	
304	Hydraulic test calibration		11/09/2011 11:30	11/09/2011 12:30	1	
305	Visually Inspect		11/09/2011 12:30	11/09/2011 13:30	1	
	ROD LOADER				0	3.229167
306	Inspection and hose replacement	#	27/08/2011 3:00	27/08/2011 16:30	13.5	77.5
307	NDT : pins; anchor point; LBA		27/08/2011 3:00	27/08/2011 5:00	2	
308	Magnetic Particle Inspection		27/08/2011 5:00	27/08/2011 6:00	1	
309	Eddy Current inspection		27/08/2011 6:00	27/08/2011 7:00	1	
310	NDE		27/08/2011 7:00	27/08/2011 8:00	1	
311	Hydraulic Cylinder ByPass test		5/09/2011 0:00	5/09/2011 6:00	6	
312	Hydraulic Velocity Fuse Cleaned		5/09/2011 6:00	5/09/2011 7:00	1	
313	Hydraulic Velocity Fuse Inspected		5/09/2011 7:00	5/09/2011 8:00	1	
314	Hydraulic Velocity Fuse Replaced		5/09/2011 8:00	5/09/2011 9:00	1	

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315	Dual Counterbalance Valves Cleaned	5/09/2011 9:00	5/09/2011 10:00	1	
316	Dual Counterbalance Valves Inspected	5/09/2011 10:00	5/09/2011 11:00	1	
317	Dual Counterbalance Valves Replaced	5/09/2011 11:00	5/09/2011 12:00	1	
318	Replace Dual Counterbalance Valves	5/09/2011 12:00	5/09/2011 13:00	1	
319	Visually Inspect Dual Counterbalance Valves	5/09/2011 13:00	5/09/2011 14:00	1	
320	Replace Hydraulic Flexi Hoses for Hard lines	5/09/2011 14:00	5/09/2011 20:00	6	
321	Left Out Rigger Extension Cylinder reseal	5/09/2011 20:00	6/09/2011 2:00	6	
322	Replace ALL HYDRAULIC Hard line pipes	6/09/2011 2:00	7/09/2011 8:00	30	
323	Road Loader DC Valve Control Station	7/09/2011 8:00	7/09/2011 11:30	3.5	
324	Repair pipe handler hydraulic control tank.	7/09/2011 11:30	7/09/2011 17:30	6	
325	Bank to be resealed	7/09/2011 17:30	7/09/2011 23:30	6	
326	Clean all contamination away from V-door	7/09/2011 23:30	8/09/2011 0:30	1	
327					
328	Daytank/Koomey Skid	1/09/2011 11:00	4/09/2011 0:42	18	2.57142857
329	Mud Pump 1	4/09/2011 0:42	7/09/2011 11:00	24	3.42857143
330	Mud Pump2	7/09/2011 11:00	10/09/2011 21:17	24	3.42857143
331	General Skid	10/09/2011 21:17	13/09/2011 11:00	18	2.57142857
332	Westside Container and bin	13/09/2011 11:00	16/09/2011 21:17	24	3.42857143
333	Mechanic shack	16/09/2011 21:17	19/09/2011 11:00	18	2.57142857
334	Smoko shack	19/09/2011 11:00	22/09/2011 21:17	24	3.42857143
335	Company Man shack	22/09/2011 21:17	26/09/2011 7:34	24	3.42857143
336	Rig Manager shack	26/09/2011 7:34	29/09/2011 17:51	24	3.42857143
337	Camp Gen skid 1	29/09/2011 17:51	2/10/2011 7:34	18	2.57142857
338	Camp Gen skid 2	2/10/2011 7:34	5/10/2011 17:51	24	3.42857143
339	Camp Building 1	5/10/2011 17:51	9/10/2011 4:08	24	3.42857143
340	Camp Building 1	9/10/2011 4:08	12/10/2011 14:25	24	3.42857143
341	Camp Building 1	12/10/2011 14:25	16/10/2011 0:42	24	3.42857143
342	Camp Building 1	16/10/2011 0:42	19/10/2011 11:00	24	3.42857143
343	Camp Building 1	19/10/2011 11:00	22/10/2011 21:17	24	3.42857143
344	Camp Building 1	22/10/2011 21:17	26/10/2011 7:34	24	3.42857143
345	Camp Building 1	26/10/2011 7:34	29/10/2011 17:51	24	3.42857143
346	Lifting Equipment			408	58.2857143 days
347	ITAC Supervision				

RTI DL RELEASE - DNRM

Task Number	Name	Description	Crew Change Flights	Parts required	Task Cost (\$)	Operation Cost (\$)	Phase Cost (\$)	Project Duration (Days)	RESOURCE AVAILABILITY								Cum Man/Power Cost (\$)	Task Duration (Days)	Cumulative Project Cost (\$)	Remaining Capital (\$)
									MM	IP	D	DD	MM	LP	MEC	MEC				
700 MAINTENANCE SHUTDOWN																				
Movement Mast																				
1	Remove Mast Hoist Cylinders	0914 0434 top pin		480389.37	480389.37		42.8121							0		4466,233	150,347			
2	Send to service agent	0914 0437 bottom pin x 2 =		301.36	301.36									353						
3	Hoist cylinders	0914 0437 bottom pin x 2 =		8023	8023									530						
4	NDT	0914 0436 seal kit x 2 =		1559.98	1559.98									562						
5	Magnetic Particle Inspection	0914 0436 seal kit x 2 =		0	0									562						
6	Eddy Current inspection			0	0									562						
7	NDT			0	0									562						
8	Replace Cylinder Pins			0	0									22781						
9	Reassemble Cylinder Pins			0	0									22781						
Remove Mast Crown																				
10	Remove Mast Crown	0914 0467 sheave pins x 4 =		2234.64	2234.64									22848						
11	Strip Mast Crown	2331 0013 bearing # 2 =		12610.48	12610.48									23981						
12	Gauge Support and Rotation sheave pins	0914 0437 sheave pins x 4 =		3029.88	3029.88									24397						
13	NDT			467.32	467.32									24495						
14	Magnetic Particle Inspection			0	0									24494						
15	Eddy Current inspection			0	0									24494						
16	NDT			0	0									24508						
17	Bearing shafts cleaned			0	0									24508						
18	Thrust washers cleaned			0	0									24515						
19	Bearing shafts inspected			0	0									24528						
20	Thrust washers inspected			0	0									24621						
21	Bearing shafts replaced			0	0									24668						
22	Thrust washers replaced			0	0									24732						
23	Tie wire bolt to top crown mast			0	0									24787						
Remove Lower Sheave																				
24	Remove Lower Sheave	3330 0047 sheave pins x 4 =		5468.44	5468.44									24823						
25	Strip Lower Sheave	2331 0008 bearing # 2 =		470.48	470.48									24890						
26	Gauge Lower Sheave	0914 0437 sheave pins x 4 =		8016.11	8016.11									24890						
27	NDT			2689.11	2689.11									24914						
28	Magnetic Particle Inspection			0	0									24938						
29	Eddy Current inspection			5259.89	5259.89									24961						
MEANT ASSEMBLY																				
30	NDT			10900.26	10900.26									24981						
31	Shafts cleaned			0	0									25009						
32	Shafts inspected			0	0									25066						
33	Shafts replaced			50079	50079									25069						
34	Bearing cleaned			0	0									25079						
35	Bearing inspected			0	0									25170						
36	Bearing replaced			0	0									25229						
37	Remove Roller Guides			0	0									25245						
38	Strip Roller Guides			0	0									25306						
39	Gauge Lower Sheave			0	0									25306						
40	NDT			0	0									25376						
41	Magnetic Particle Inspection			0	0									25376						
42	Eddy Current inspection			0	0									25426						
43	NDT			0	0									25448						
44	Roller Guide Cleaned			0	0									25476						
45	Roller Guides Inspected			0	0									25499						
46	Roller Guides Replaced			0	0									25722						
47	Bearing Cleaned			0	0									25742						
48	Bearing Inspected			0	0									25777						
49	Bearing Replaced			0	0									25812						
50	NDT Eccentric Flanges			0	0									25827						
51	Magnetic Particle Inspection Eccentric Flanges			0	0									25856						
52	Eddy Current Inspection Eccentric Flanges			0	0									25878						
53	NDT Eccentric Flanges			0	0									25939						
54	Movement Mast Sectional Body			0	0									26272						
55	NDT Flange and criticals			0	0									26272						
56	Magnetic Particle Inspection criticals			0	0									26272						
57	Eddy Current Inspection criticals			0	0									26272						
58	NDT fixed pin and criticals			0	0									26376						
MOIST MAINT																				
59	Remove Mast Raise Cylinders	0914 0437 service kit x 2 =		1422.06	1422.06									26449						
60	Send to service agent	0914 0439 pin x 2 =		303.6	303.6									26449						
61	Strip	0914 0438 pin x 2 =		389.5	389.5									26477						
62	Remove Mast Raise Cylinders			0	0									26527						
63	NDT Upper & Lower Pins			4780.37	4780.37									26646						
64	Magnetic Particle Inspection			0	0									26646						
65	Eddy Current inspection			0	0									26696						
66	NDT			0	0									26706						
67	Reassemble Mast Raise Cylinders			0	0									27485						
68	Return to TD			0	0									27720						
69	Mast Outrigger cylinder hydraulic bypass test	0914 0436 pin x 2 =		250.0	250.0									27929						
70	Remove Tube Mechanical Jack	0914 0435 pin x 2 =		198.85	198.85									27929						
71	Strip	0914 0435 pin x 2 =		407.34	407.34									28059						
72	Clean Tube Mechanical Jack			0	0									28059						
73	NDT			0	0									28102						
74	Magnetic Particle Inspection			0	0									28137						
75	Eddy Current inspection			0	0									28172						
76	NDT			0	0									28212						
77	Hydraulic Velocity Fuse cleaned			0	0									28248						
78	Hydraulic Velocity Fuse Inspected			0	0									28248						
79	Hydraulic Velocity Fuse Replaced			0	0									28291						
80	Dual Counterbalance Valves Cleaned			0	0									28451						
81	Dual Counterbalance Valves Inspected			0	0									28496						
82	Dual Counterbalance Valves Replaced			0	0									28515						
83	Replace Dual Counterbalance Valves			0	0									28612						
84	Finally inspect Dual Counterbalance Valves			0	0									28679						
85	Mast Dump Cylinder Hydraulic Bypass Test			0	0									28705						
86	NDT			203.87	203.87									28733						
87	Magnetic Particle Inspection			0	0									28761						
88	Eddy Current inspection			0	0									28789						
89	NDT			0	0									28817						
90	Replace Pins			0	0									28846						
91	Reassemble Cylinder Pins			0	0									28907						
92	Hydraulic Velocity Fuse Cleaned			0	0									28956						
93	Hydraulic Velocity Fuse Inspected			0	0									28956						
94	Hydraulic Velocity Fuse Replaced			0	0									29048						
95	Mast Dump Slides Cleaned			0	0									29147						
96	Mast Dump Slides Inspected			0	0									29202						
97	Mast Dump Slides Replaced			0	0									29245						
98	NDT - proof points, wedges, critical LBA			0	0									29276						
99	Magnetic Particle Inspection			0	0									29324						
100	Ed																			

Crew Pay	226,429
Accomodation	64,806
HTS Pumps	21,930
WGW corner castings man hours	43,200
King Swivel	35,994
AIRDRILL parts List	112,011
Top Drive	40,000
Crew change flights	26985
Cranes	3840
ITAC corner castings	49300

624,495

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ITAC COST

ITEM	DESCRIPTION	ESTIMATED COST \$	Boilermaker					CONTAINER				Boilermaker Costs	ESTIMATED COST \$	Corner			Flat	
			Manhours	Castings	RHS	Plates	Gussets	UB	FLAT BAR	PINS	Castings			RHS	Plates	Gussets		
						110												
1	Daytank/Koomey Skid	2860	18	4	2	4	8					1980	880	4	2	4	8	
2	Mud Pump 1	3520	24	4	2							2640	880	4	2			
3	Mud Pump2	3520	24	4	2							2640	880	4	2			
4	General Skid	2860	18	4	2	4	8					1980	880	4	2	4	8	
5	Westside Container and bin	8360	24	4	3	4	8		2	4		2640	5720	4	3	4	8	
6	Mechanic shack	2860	18	4	2	4	8					1980	880	4	2	4	8	
7	Smoko shack	2530	24	4	2	4	8					2640	-110	4	2	4	8	
8	Company Man shack	2530	24	4	2	4	8					2640	-110	4	2	4	8	
9	Rig Manager shack	2530	24	4	2	4	8					2640	-110	4	2	4	8	
10	Camp Gen skid 1	5940	18	4	2	4	8	1		2		1980	3960	4	2	4	8	
11	Camp Gen skid 2	2530	24	4	2	4	8					2640	-110	4	2	4	8	
12	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
13	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
14	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
15	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
16	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
17	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
18	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
		57750										44880						
	Lifting Equipment	23700																
	ITAC Supervision	11000																
		34700										22500						
		92450										22380						
	408 man hours																	

RTI DL RELEASE - DNRM

Task Number	Name	Description	Start	End	Task Duration (hrs)	Operation Duration (hrs)	Phase Duration (Days)	Project Duration (Days)	Hours	GANNT CHART (DAYS)																																
		TXD MAINTENANCE SHUTDOWN	25/08/2011 0:00	11/09/2011 23:00	1041	1027.5	42.8125	17.95833333	431																																	
		Movement Tele Mast	25/08/2011 4:30	9/09/2011 5:30	0		17.72917																																			
1		Remove Main Hoist Cyclinders	25/08/2011 4:30	25/08/2011 8:30	4	361																																				
2		Send to service agent	25/08/2011 8:30	25/08/2011 16:30	8																																					
3		Strip cyclinders	25/08/2011 16:30	26/08/2011 12:30	20																																					
4		NDT	26/08/2011 12:30	26/08/2011 13:30	1																																					
5		Magnetic Particle Inspectoipn	26/08/2011 13:30	26/08/2011 14:30	1																																					
6		Eddy Current inspection	26/08/2011 14:30	26/08/2011 15:30	1																																					
7		NDE	26/08/2011 15:30	26/08/2011 16:30	1																																					
8		Replace Cylinder Pins	26/08/2011 16:30	9/09/2011 4:30	324																																					
9		Reinstall Cylinder Pins	9/09/2011 4:30	9/09/2011 5:30	1																																					
10		Remove Mast Crown	25/08/2011 9:00	25/08/2011 9:00	0	23																																				
11		Strip Mast Crown	25/08/2011 9:00	25/08/2011 17:00	8																																					
12		Gauge Support and Rotation sheave pins	25/08/2011 17:00	25/08/2011 21:00	4																																					
13		NDT	25/08/2011 21:00	25/08/2011 22:00	1																																					
14		Magnetic Particle Inspection	25/08/2011 22:00	25/08/2011 23:00	1																																					
15		Eddy Current inspection	25/08/2011 23:00	26/08/2011 0:00	1																																					
16		NDE	26/08/2011 0:00	26/08/2011 1:00	1																																					
17		Bearing shafts cleaned	26/08/2011 1:00	26/08/2011 2:00	1																																					
18		Thrust washers cleaned	26/08/2011 2:00	26/08/2011 3:00	1																																					
19		Bearing shafts Inspected	26/08/2011 3:00	26/08/2011 4:00	1																																					
20		Thrust washers Inspected	26/08/2011 4:00	26/08/2011 5:00	1																																					
21		Bearing shafts Replaced	26/08/2011 5:00	26/08/2011 6:00	1																																					
22		Thrust washers Replaced	26/08/2011 6:00	26/08/2011 7:00	1																																					
23		Tie wire bolt to fix Crown-Mast	26/08/2011 7:00	26/08/2011 8:00	1																																					
24		Remove Lower Sheave	25/08/2011 1:00	25/08/2011 3:00	2	14																																				
25		Strip Lower Sheave	25/08/2011 1:00	25/08/2011 2:00	1																																					
26		Gauge Lower Sheave	25/08/2011 2:00	25/08/2011 3:00	1																																					
27		NDT	25/08/2011 3:00	25/08/2011 4:00	1																																					
28		Magnetic Particle Inspectoipn	25/08/2011 4:00	25/08/2011 5:00	1																																					
29		Eddy Current inspection	25/08/2011 5:00	25/08/2011 6:00	1																																					
30		NDE	25/08/2011 6:00	25/08/2011 7:00	1																																					
31		Sheave cleaned	25/08/2011 7:00	25/08/2011 8:00	1																																					
32		Sheave Inspected	25/08/2011 8:00	25/08/2011 9:00	1																																					
33		Sheave Replaced	25/08/2011 9:00	25/08/2011 10:00	1																																					
34		Bearing cleaned	25/08/2011 10:00	25/08/2011 11:00	1																																					
35		Bearing Inspected	25/08/2011 11:00	25/08/2011 12:00	1																																					
36		Bearing Replaced	25/08/2011 12:00	25/08/2011 13:00	1																																					
37		Remove Roller Guides	25/08/2011 13:00	25/08/2011 14:00	1	19.5																																				
38		Strip Roller Guides	25/08/2011 13:00	25/08/2011 16:30	3.5																																					
39		Gauge Lower Sheave	25/08/2011 16:30	25/08/2011 17:30	1																																					
40		NDT	25/08/2011 17:30	25/08/2011 18:30	1																																					
41		Magnetic Particle Inspectoipn	25/08/2011 18:30	25/08/2011 19:30	1																																					
42		Eddy Current inspection	25/08/2011 19:30	25/08/2011 20:30	1																																					
43		NDE	25/08/2011 20:30	25/08/2011 21:30	1																																					
44		Roller Guide Cleaned	25/08/2011 21:30	25/08/2011 22:30	1																																					
45		Roller Guides Inspected	25/08/2011 22:30	25/08/2011 23:30	1																																					
46		Roller Guides Replaced	25/08/2011 23:30	26/08/2011 0:30	1																																					
47		Bearing Cleaned	26/08/2011 0:30	26/08/2011 1:30	1																																					
48		Bearing Inspected	26/08/2011 1:30	26/08/2011 2:30	1																																					
49		Bearing Replaced	26/08/2011 2:30	26/08/2011 3:30	1																																					
50		NDT Eccentric Flanges	26/08/2011 3:30	26/08/2011 4:30	1																																					
51		Magnetic Particle Inspection Eccentric Flanges	26/08/2011 4:30	26/08/2011 5:30	1																																					
52		Eddy Current inspection Eccentric Flanges	26/08/2011 5:30	26/08/2011 6:30	1																																					
53		NDE Eccentric Flanges	26/08/2011 6:30	26/08/2011 7:30	1																																					
54		Inspect Movement Mast Sectional Body	26/08/2011 7:30	26/08/2011 11:30	4	8																																				
55		NDT fixed pins and criticals	26/08/2011 7:30	26/08/2011 8:30	1																																					
56		Magnetic Particle Inspection criticals	26/08/2011 8:30	26/08/2011 9:30	1																																					
57		Eddy Current inspection criticals	26/08/2011 9:30	26/08/2011 10:30	1																																					
58		NDE fixed pin and criticals	10/09/2011 0:00	10/09/2011 1:00	1																																					
		FIXED MAST			0		6.145833																																			

59	Remove Mast Raise Cylinders	10/09/2011 1:00	10/09/2011 5:00	4	35
60	Send to service agent	10/09/2011 1:00	10/09/2011 9:00	8	
61	Strip	10/09/2011 9:00	10/09/2011 13:00	4	
62	Assess Mast Raise Cylinders	10/09/2011 13:00	10/09/2011 14:00	1	
63	NDT Upper & Lower Pins	10/09/2011 14:00	10/09/2011 15:00	1	
64	Magnetic Particle Inspectoipn	10/09/2011 15:00	10/09/2011 16:00	1	
65	Eddy Current inspection	10/09/2011 16:00	10/09/2011 17:00	1	
66	NDE	10/09/2011 17:00	10/09/2011 18:00	1	
67	Reassemble Mast Raise Cylinders	10/09/2011 18:00	11/09/2011 0:00	6	
68	Return to TXD	11/09/2011 0:00	11/09/2011 8:00	8	
69	Mast Outrigger cylinder hydraulic bypass test	11/09/2011 8:00	11/09/2011 12:00	4	19
70	Remove Tube Mechanical Jack	11/09/2011 8:00	11/09/2011 9:00	1	
71	Strip	11/09/2011 9:00	11/09/2011 10:00	1	
72	Clean Tube Mechanical Jack	11/09/2011 10:00	11/09/2011 11:00	1	
73	NDT	11/09/2011 11:00	11/09/2011 12:00	1	
74	Magnetic Particle Inspectoipn	11/09/2011 12:00	11/09/2011 13:00	1	
75	Eddy Current inspection	11/09/2011 13:00	11/09/2011 14:00	1	
76	NDE	11/09/2011 14:00	11/09/2011 15:00	1	
77	Hydraulic Velocity Fuse cleaned	11/09/2011 15:00	11/09/2011 16:00	1	
78	Hydraulic Velocity Fuse Inspected	11/09/2011 16:00	11/09/2011 17:00	1	
79	Hydraulic Velocity Fuse Replaced	11/09/2011 17:00	11/09/2011 18:00	1	
80	Dual Counterbalance Valves Cleaned	11/09/2011 18:00	11/09/2011 19:00	1	
81	Dual Counterbalance Valves Inspected	11/09/2011 19:00	11/09/2011 20:00	1	
82	Dual Counterbalance Valves Replaced	11/09/2011 20:00	11/09/2011 21:00	1	
83	Replace Dual Counterbalance Valves	11/09/2011 21:00	11/09/2011 22:00	1	
84	Visually Inspect Dual Counterbalance Valves	11/09/2011 22:00	11/09/2011 23:00	1	
85	Mast Dump Cylinder Hydraulic Bypass Test	25/08/2011 22:00	25/08/2011 23:00	1	17
86	NDT	25/08/2011 22:00	25/08/2011 23:00	1	
87	Magnetic Particle Inspection	25/08/2011 23:00	26/08/2011 0:00	1	
88	Eddy Current Inspection	26/08/2011 0:00	26/08/2011 1:00	1	
89	NDE	26/08/2011 1:00	26/08/2011 2:00	1	
90	Replace Pins	26/08/2011 2:00	26/08/2011 3:00	1	
91	Reinstall Cylinder Pins	11/09/2011 2:00	11/09/2011 3:00	1	
92	Hydraulic Velocity Fuse Cleaned	11/09/2011 3:00	11/09/2011 4:00	1	
93	Hydraulic Velocity Fuse Inspected	11/09/2011 4:00	11/09/2011 5:00	1	
94	Hydraulic Velocity Fuse Replaced	11/09/2011 5:00	11/09/2011 6:00	1	
95	Mast Dump Slides cleaned	11/09/2011 6:00	11/09/2011 7:00	1	
96	Mast Dump Slides Inspected	11/09/2011 7:00	11/09/2011 8:00	1	
97	Mast Dump Slides Replaced	11/09/2011 8:00	11/09/2011 9:00	1	
98	NDT : pivot points; wedges; critical LBA	11/09/2011 9:00	11/09/2011 10:00	1	
99	Magnetic Particle Inspection	11/09/2011 10:00	11/09/2011 11:00	1	
100	Eddy Current inspection	11/09/2011 11:00	11/09/2011 12:00	1	
101	NDE	11/09/2011 12:00	11/09/2011 13:00	1	
102	Mast Tension Cylinder Hydraulic Bypass Test	11/09/2011 13:00	11/09/2011 14:00	1	6
103	NDT : pins; anchor point; LBA	11/09/2011 13:00	11/09/2011 14:00	1	
104	Magnetic Particle Inspection	11/09/2011 14:00	11/09/2011 15:00	1	
105	Eddy Current inspection	11/09/2011 15:00	11/09/2011 16:00	1	
106	NDE	11/09/2011 16:00	11/09/2011 17:00	1	
107	Calibrate to rig system hydraulic circuits	11/09/2011 17:00	11/09/2011 18:00	1	
108	Jib Boom Cylinder Hydraulic Bypass Test	25/08/2011 23:00	26/08/2011 0:00	1	10
109	NDT : pivot points; wedges; critical LBA	25/08/2011 23:00	26/08/2011 0:00	1	
110	Magnetic Particle Inspection	26/08/2011 0:00	26/08/2011 1:00	1	
111	Eddy Current inspection	26/08/2011 1:00	26/08/2011 2:00	1	
112	NDE	26/08/2011 2:00	26/08/2011 3:00	1	
113	Stop block adjustments check	26/08/2011 3:00	26/08/2011 4:00	1	
114	Stop block adjustments calibration	26/08/2011 4:00	26/08/2011 5:00	1	
115	Limiting system adjustment checks	26/08/2011 5:00	26/08/2011 6:00	1	
116	Limiting system adjustment calibration	26/08/2011 6:00	26/08/2011 7:00	1	
117	Replace winch cable	26/08/2011 7:00	26/08/2011 8:00	1	
118	Mast Standpipe Thickness Inspection	26/08/2011 8:00	26/08/2011 12:00	4	14
119	NDT	26/08/2011 8:00	26/08/2011 9:00	1	
120	Magnetic Particle Inspectoipn	26/08/2011 9:00	26/08/2011 10:00	1	
121	Eddy Current Inspection	26/08/2011 10:00	26/08/2011 11:00	1	
122	NDE	26/08/2011 11:00	26/08/2011 12:00	1	
123	Fixed hydraulic pipe work clamps removed	26/08/2011 12:00	26/08/2011 13:00	1	

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124	Fixed hydraulic pipe work clamps Inspected	26/08/2011 13:00	26/08/2011 14:00	1	
125	Bearing shafts Inspected	26/08/2011 14:00	26/08/2011 15:00	1	
126	Report prepared on same	26/08/2011 15:00	26/08/2011 16:00	1	
127	Mast travelling hoses tidied	26/08/2011 16:00	26/08/2011 17:00	1	
128	Remove superfluous small hydraulic hoses	26/08/2011 17:00	26/08/2011 18:00	1	
129	Clean Mast Table	9/09/2011 0:00	9/09/2011 0:00	0	19
130	NDT Load Bearing Areas	9/09/2011 0:00	9/09/2011 1:00	1	
131	Magnetic Particle Inspection	9/09/2011 1:00	9/09/2011 2:00	1	
132	Eddy Current Inspection	9/09/2011 2:00	9/09/2011 3:00	1	
133	NDE	9/09/2011 3:00	9/09/2011 4:00	1	
134	Check slip bowl gauge	9/09/2011 4:00	9/09/2011 5:00	1	
135	Check cavin clamp gauge	9/09/2011 5:00	9/09/2011 6:00	1	
136	Check Air cylinder operation	9/09/2011 6:00	9/09/2011 12:00	6	
137	Check Linkage system Operation	9/09/2011 12:00	9/09/2011 13:00	1	
138	Check Mast Table Opening	9/09/2011 13:00	9/09/2011 14:00	1	
139	Cylinder Hydraulic bypass test	9/09/2011 14:00	9/09/2011 15:00	1	
140	NDT Load Bearing Areas	9/09/2011 15:00	9/09/2011 16:00	1	
141	Magnetic Particle Inspectoipn	9/09/2011 16:00	9/09/2011 17:00	1	
142	Eddy Current inspection	9/09/2011 17:00	9/09/2011 18:00	1	
143	NDE	9/09/2011 18:00	9/09/2011 19:00	1	
144	Test Rig Floor Hydraulic Cyclinders	9/09/2011 19:00	9/09/2011 20:00	1	11.5
145	Confirm Max Pressure Available Hydraulic Cyclinders	9/09/2011 19:00	9/09/2011 22:30	3.5	
146	NDT Load Bearing Areas	9/09/2011 22:30	9/09/2011 23:30	1	
147	Magnetic Particle Inspection	9/09/2011 23:30	10/09/2011 0:30	1	
148	Eddy Current inspection	10/09/2011 0:30	10/09/2011 1:30	1	
149	NDE	10/09/2011 1:30	10/09/2011 2:30	1	
150	Visually Inspect Safety hand Rails	10/09/2011 2:30	10/09/2011 3:30	1	
151	Visually Inspect Safety Stairs	10/09/2011 3:30	10/09/2011 4:30	1	
152	Review Safe Work Area Rig Crew	10/09/2011 4:30	10/09/2011 5:30	1	
153	Survey Winch Operation Check	10/09/2011 5:30	10/09/2011 5:30	0	5
154	NDT Load Bearing Areas	10/09/2011 5:30	10/09/2011 6:30	1	
155	Magnetic Particle Inspection	10/09/2011 6:30	10/09/2011 7:30	1	
156	Eddy Current inspection	10/09/2011 7:30	10/09/2011 8:30	1	
157	NDE	10/09/2011 8:30	10/09/2011 9:30	1	
158	Calibrate Hydraulic System	10/09/2011 9:30	10/09/2011 10:30	1	
159	Drilling Console Check	10/09/2011 10:30	10/09/2011 10:30	0	11
160	Calibrate Hydraulic Pressure Gauges	10/09/2011 10:30	10/09/2011 11:30	1	
161	Replace Hold Back Gauge	10/09/2011 11:30	10/09/2011 12:30	1	
162	Replace Pull Down Gauge	10/09/2011 12:30	10/09/2011 13:30	1	
163	Replace Make Up Gauge	10/09/2011 13:30	10/09/2011 14:30	1	
164	General Inspection Husco 2 and 3 way DC valves	10/09/2011 14:30	10/09/2011 15:30	1	
165	Service Husco 2 and 3 way DC valves	10/09/2011 15:30	10/09/2011 16:30	1	
166	Remove Martin Decker gauge	10/09/2011 16:30	10/09/2011 17:30	1	
167	Send Martin Decker Gauge to test	10/09/2011 17:30	10/09/2011 18:30	1	
168	Recalibrate Martin Decker Gauge	10/09/2011 18:30	10/09/2011 19:30	1	
169	Return MDG to site	10/09/2011 19:30	10/09/2011 20:30	1	
170	Reinstall MDG	10/09/2011 20:30	10/09/2011 21:30	1	
	POWER SWIVEL TOP DRIVE			0	4.5
171	Remove anchor cable pins	26/08/2011 9:00	26/08/2011 9:00	0	57.5
172	Remove top drive	26/08/2011 9:00	26/08/2011 22:30	14.5	
173	Send to service agent	26/08/2011 23:30	27/08/2011 7:30	8	
174	Strip, assess, replace shaft bearings, seals, for king swivel	27/08/2011 7:30	28/08/2011 13:30	30	
175	NDT Load Bearing Areas: tilt and lock system	28/08/2011 13:30	28/08/2011 14:30	1	
176	Magnetic Particle Inspection	28/08/2011 14:30	28/08/2011 15:30	1	
177	Eddy Current Inspection	28/08/2011 15:30	28/08/2011 16:30	1	
178	NDE	28/08/2011 16:30	28/08/2011 17:30	1	
179	Tilt Cylinder Hydraulic Bypass Tests	28/08/2011 17:30	28/08/2011 18:30	1	
180	Visually Inspect 3000lb Swivel	28/08/2011 18:30	28/08/2011 18:30	0	20
181	NDT Load Bearing Areas	28/08/2011 18:30	28/08/2011 19:30	1	
182	Magnetic Particle Inspection	28/08/2011 19:30	28/08/2011 20:30	1	
183	Eddy Current inspection	28/08/2011 20:30	28/08/2011 21:30	1	
184	NDE	28/08/2011 21:30	28/08/2011 22:30	1	
185	Replace 3000lb Swivel with King swivel upgrade kit	28/08/2011 22:30	29/08/2011 13:30	15	
186	3" hardline thickness Inspection mud swivel to bullnose	29/08/2011 13:30	29/08/2011 14:30	1	
187	Inspect all hydraulic hoses	29/08/2011 14:30	29/08/2011 14:30	0	19.5

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188	Replace as required	29/08/2011 14:30	30/08/2011 0:30	10	
189	NDT Load Bearing Areas Top Drive Hydraulic Motors	30/08/2011 0:30	30/08/2011 4:00	3.5	
190	Magnetic Particle Inspection	30/08/2011 4:00	30/08/2011 5:00	1	
191	Eddy Current Inspection	30/08/2011 5:00	30/08/2011 6:00	1	
192	NDE	30/08/2011 6:00	30/08/2011 7:00	1	
193	Take Oil Sample	30/08/2011 7:00	30/08/2011 8:00	1	
194	Send oil Sample for Analysis	30/08/2011 8:00	30/08/2011 9:00	1	
195	Quill spindle dial indicator Inspection	30/08/2011 9:00	30/08/2011 10:00	1	
196	Float Sub Inspection	30/08/2011 10:00	30/08/2011 10:00	0	8
197	NDT Load 4-1/2" IF P/B threads	30/08/2011 10:00	30/08/2011 11:00	1	
198	Magnetic Particle Inspection	30/08/2011 11:00	30/08/2011 12:00	1	
199	Eddy Current inspection	30/08/2011 12:00	30/08/2011 13:00	1	
200	NDE	30/08/2011 13:00	30/08/2011 14:00	1	
201	Install new sealkit	30/08/2011 14:00	30/08/2011 17:00	3	
202	Install new washpipe in float sub	30/08/2011 17:00	30/08/2011 18:00	1	
203	Power swivel cradle guide roller bearings	30/08/2011 18:00	30/08/2011 18:00	0	3
204	Bearing Cleaned	30/08/2011 18:00	30/08/2011 19:00	1	
205	Bearing Inspected	30/08/2011 19:00	30/08/2011 20:00	1	
206	Bearing Replaced	30/08/2011 20:00	30/08/2011 21:00	1	
	Power Tongs - Serial N: J135-0122			0	2.625
207	Replace Rotating Clamp	25/08/2011 14:00	25/08/2011 22:00	8	63
208	Replace Mounting Bolts	30/08/2011 3:00	30/08/2011 6:00	3	
209	Strip four hydraulic cylinder clamps	30/08/2011 6:00	30/08/2011 9:00	3	
210	Reseal four hydraulic cylinder clamps	30/08/2011 9:00	30/08/2011 12:00	3	
211	Replace all hydraulic hoses	30/08/2011 12:00	30/08/2011 16:00	4	
212	Install hose sleeves and clamp	30/08/2011 16:00	31/08/2011 4:00	12	
213	Replace all hydraulic QC couplings	31/08/2011 4:00	31/08/2011 4:00	0	
214	Increase from 3/8" to 1/2" Style	31/08/2011 4:00	31/08/2011 4:00	0	
215	NDT Load Bearing Areas: power tong swing arms	31/08/2011 4:00	31/08/2011 4:00	0	
216	Magnetic Particle Inspection	31/08/2011 4:00	31/08/2011 4:00	0	
217	Eddy Current inspection	31/08/2011 4:00	31/08/2011 4:00	0	
218	NDE	31/08/2011 4:00	31/08/2011 4:00	0	
219	Replace support ring for power tong swing arm	3/09/2011 0:00	4/09/2011 0:00	24	
220	Roller Bearing Cleaned	4/09/2011 0:00	4/09/2011 6:00	6	
221	Roller Bearing Inspected	4/09/2011 6:00	4/09/2011 6:00	0	
222	Roller Bearing Replaced	4/09/2011 6:00	4/09/2011 6:00	0	
223	Test hydraulic system to calibration circuits	4/09/2011 6:00	4/09/2011 6:00	0	
	RIG CARRIER			0	8.583333
224	Visually Inspect Mast A-frame pivot system	4/09/2011 6:00	4/09/2011 6:00	0	4
225	NDT Load Bearing Areas	4/09/2011 6:00	4/09/2011 7:00	1	
226	Magnetic Particle Inspection	4/09/2011 7:00	4/09/2011 8:00	1	
227	Eddy Current Inspection	4/09/2011 8:00	4/09/2011 9:00	1	
228	NDE	4/09/2011 9:00	4/09/2011 10:00	1	
229	Hydraulic Bypass Test Stabiliser Jack Legs	4/09/2011 10:00	4/09/2011 10:00	0	6
230	Hydraulic Velocity Fuse cleaned	4/09/2011 10:00	4/09/2011 11:00	1	
231	Hydraulic Velocity Fuse Inspected	4/09/2011 11:00	4/09/2011 12:00	1	
232	Hydraulic Velocity Fuse Replaced	4/09/2011 12:00	4/09/2011 13:00	1	
233	Dual Counterbalance Valves Cleaned	4/09/2011 13:00	4/09/2011 14:00	1	
234	Dual Counterbalance Valves Inspected	4/09/2011 14:00	4/09/2011 15:00	1	
235	Dual Counterbalance Valves Replaced	4/09/2011 15:00	4/09/2011 16:00	1	
236	Guy Rope Cables Tested	29/08/2011 6:00	29/08/2011 12:00	6	10
237	NDT Load Bearing Areas: Pad Eyes	29/08/2011 6:00	29/08/2011 7:00	1	
238	Magnetic Particle Inspection	29/08/2011 7:00	29/08/2011 8:00	1	
239	Eddy Current Inspection	29/08/2011 8:00	29/08/2011 9:00	1	
240	NDE	29/08/2011 9:00	29/08/2011 10:00	1	
241	Replace 6 Suspension Air Bags	29/08/2011 10:00	29/08/2011 16:00	6	13.5
242	Visually Inspect for Corrossion	29/08/2011 10:00	29/08/2011 11:30	1.5	
243	Check air supply piping and supply	29/08/2011 11:30	29/08/2011 17:30	6	
244	Function Test Air Brake System	6/09/2011 6:00	6/09/2011 12:00	6	9
245	Check and adjust Slack Adjusters	6/09/2011 6:00	6/09/2011 7:00	1	
246	Check and adjust Spring Break Boosters	6/09/2011 7:00	6/09/2011 8:00	1	
247	Check and adjust S cams	6/09/2011 8:00	6/09/2011 9:00	1	
248	Rotate all road wheels	6/09/2011 9:00	6/09/2011 9:00	0	2
249	Wheel Bearing Inspections	6/09/2011 9:00	6/09/2011 10:00	1	
250	Check Hub Seals for Leaks	6/09/2011 10:00	6/09/2011 11:00	1	

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251	Replace Air Service Tank		6/09/2011 11:00	6/09/2011 13:30	2.5	70
252	Remove Top Hydraulic Tank		6/09/2011 11:00	6/09/2011 14:00	3	
253	Drain Oil		6/09/2011 14:00	6/09/2011 15:00	1	
254	Internal Tank Inspection		6/09/2011 15:00	6/09/2011 16:00	1	
255	Replace all gaskets and seals		6/09/2011 16:00	6/09/2011 17:00	1	
256	Replace all filters		6/09/2011 17:00	6/09/2011 18:30	1.5	
257	Replace all oil		6/09/2011 18:30	9/09/2011 6:30	60	
258	Replace Hydraulic rig hoses around rig carrier		9/09/2011 6:30	9/09/2011 18:30	12	13
259	Hose truck/Peretek container on standby		9/09/2011 6:30	9/09/2011 7:30	1	
260	MTU Compressor to be replaced		9/09/2011 7:30	9/09/2011 9:30	2	7
261	Remove compressor		9/09/2011 7:30	9/09/2011 8:30	1	
262	Drain lube oil bypass		9/09/2011 8:30	9/09/2011 9:30	1	
263	Backload same		9/09/2011 9:30	9/09/2011 10:30	1	
264	Install new compressor		9/09/2011 10:30	9/09/2011 11:30	1	
265	Hook up new compressor		9/09/2011 11:30	9/09/2011 12:30	1	
266	Replace MTU engine remote filter hoses	Fi	9/09/2011 12:30	9/09/2011 18:30	6	12
267	Air clean Cyclone		9/09/2011 12:30	9/09/2011 13:30	1	
268	Remove		9/09/2011 13:30	9/09/2011 15:30	2	
269	Wash Clean		9/09/2011 15:30	9/09/2011 16:30	1	
270	Reinstall		9/09/2011 16:30	9/09/2011 18:30	2	
271	MTU front/rear engine crankshaft seals replace		9/09/2011 18:30	9/09/2011 18:30	0	4
272	Remove		9/09/2011 18:30	9/09/2011 20:30	2	
273	Replace		9/09/2011 20:30	9/09/2011 22:30	2	
274	MTU Hydraulic pump group flex plate		9/09/2011 22:30	10/09/2011 4:30	6	6
275	Remove		9/09/2011 22:30	9/09/2011 22:30	0	
276	Replace		9/09/2011 22:30	9/09/2011 22:30	0	
277	MTU Hydraulic pump group Funk Drive Box		9/09/2011 22:30	10/09/2011 0:30	2	10
278	Remove		9/09/2011 22:30	10/09/2011 4:30	6	
279	Replace		10/09/2011 4:30	10/09/2011 6:30	2	
280	Replace AV130 delivery manifold JIC fittings		10/09/2011 6:30	10/09/2011 6:30	0	3
281	Replace Rod Load hydraulic Danfoss pump	Ur	10/09/2011 6:30	10/09/2011 7:30	1	
282	Replace Rexroth A11VLO130 rotation pump		10/09/2011 7:30	10/09/2011 8:30	1	
283	All pump groups calibration tested	Ai	10/09/2011 8:30	10/09/2011 9:30	1	
284	MTU Radiator cooler pack repair		10/09/2011 9:30	10/09/2011 9:30	0	10
285	Dismantle		10/09/2011 9:30	10/09/2011 12:30	3	
286	Sendoff to town		10/09/2011 12:30	10/09/2011 18:30	6	
287	Repair tank gaskets		10/09/2011 18:30	10/09/2011 18:30	0	
288	Return from town		10/09/2011 18:30	10/09/2011 18:30	0	
289	Reinstall		10/09/2011 18:30	10/09/2011 19:30	1	
290	MTU engine scheduled Maintenance	Oi	10/09/2011 19:30	11/09/2011 1:30	6	13
291	Remove valve covers		10/09/2011 19:30	10/09/2011 20:30	1	
292	Valve recession checks		10/09/2011 20:30	10/09/2011 22:30	2	
293	Test injectors		10/09/2011 22:30	11/09/2011 0:30	2	
294	Turbo Inspection tune up		11/09/2011 0:30	11/09/2011 2:30	2	
295	Funk Box Drive Input shaft seal replaced		11/09/2011 2:30	11/09/2011 5:00	2.5	7.5
296	Internal Bearing Inspected		11/09/2011 2:30	11/09/2011 4:30	2	
297	Internal Gear Inspected		11/09/2011 4:30	11/09/2011 6:30	2	
298	Analyse oil leak 1" BSP Plug		11/09/2011 6:30	11/09/2011 7:30	1	
299	TDI 150 Air Turbo Starter Motor	Re	11/09/2011 7:30	11/09/2011 7:30	0	3
300	Replace starter pinion check shaft bearing		11/09/2011 7:30	11/09/2011 9:30	2	
301	Clean turbo housing		11/09/2011 9:30	11/09/2011 10:30	1	
302	Rig Carrier Services		11/09/2011 10:30	11/09/2011 10:30	0	3
303	DC Valve Controls		11/09/2011 10:30	11/09/2011 11:30	1	
304	Hydraulic test calibration		11/09/2011 11:30	11/09/2011 12:30	1	
305	Visually Inspect		11/09/2011 12:30	11/09/2011 13:30	1	
	ROD LOADER				0	3.229167
306	Inspection and hose replacement	#	27/08/2011 3:00	27/08/2011 16:30	13.5	77.5
307	NDT : pins; anchor point; LBA		27/08/2011 3:00	27/08/2011 5:00	2	
308	Magnetic Particle Inspection		27/08/2011 5:00	27/08/2011 6:00	1	
309	Eddy Current inspection		27/08/2011 6:00	27/08/2011 7:00	1	
310	NDE		27/08/2011 7:00	27/08/2011 8:00	1	
311	Hydraulic Cylinder ByPass test		5/09/2011 0:00	5/09/2011 6:00	6	
312	Hydraulic Velocity Fuse Cleaned		5/09/2011 6:00	5/09/2011 7:00	1	
313	Hydraulic Velocity Fuse Inspected		5/09/2011 7:00	5/09/2011 8:00	1	
314	Hydraulic Velocity Fuse Replaced		5/09/2011 8:00	5/09/2011 9:00	1	

ORIGINAL RELEASE - DNRM

315	Dual Counterbalance Valves Cleaned	5/09/2011 9:00	5/09/2011 10:00	1	
316	Dual Counterbalance Valves Inspected	5/09/2011 10:00	5/09/2011 11:00	1	
317	Dual Counterbalance Valves Replaced	5/09/2011 11:00	5/09/2011 12:00	1	
318	Replace Dual Counterbalance Valves	5/09/2011 12:00	5/09/2011 13:00	1	
319	Visually Inspect Dual Counterbalance Valves	5/09/2011 13:00	5/09/2011 14:00	1	
320	Replace Hydraulic Flexi Hoses for Hard lines	5/09/2011 14:00	5/09/2011 20:00	6	
321	Left Out Rigger Extension Cylinder reseal	5/09/2011 20:00	6/09/2011 2:00	6	
322	Replace ALL HYDRAULIC Hard line pipes	6/09/2011 2:00	7/09/2011 8:00	30	
323	Road Loader DC Valve Control Station	7/09/2011 8:00	7/09/2011 11:30	3.5	
324	Repair pipe handler hydraulic control tank.	7/09/2011 11:30	7/09/2011 17:30	6	
325	Bank to be resealed	7/09/2011 17:30	7/09/2011 23:30	6	
326	Clean all contamination away from V-door	7/09/2011 23:30	8/09/2011 0:30	1	
327					
328	Daytank/Koomey Skid	1/09/2011 11:00	4/09/2011 0:42	18	2.57142857
329	Mud Pump 1	4/09/2011 0:42	7/09/2011 11:00	24	3.42857143
330	Mud Pump2	7/09/2011 11:00	10/09/2011 21:17	24	3.42857143
331	General Skid	10/09/2011 21:17	13/09/2011 11:00	18	2.57142857
332	Westside Container and bin	13/09/2011 11:00	16/09/2011 21:17	24	3.42857143
333	Mechanic shack	16/09/2011 21:17	19/09/2011 11:00	18	2.57142857
334	Smoko shack	19/09/2011 11:00	22/09/2011 21:17	24	3.42857143
335	Company Man shack	22/09/2011 21:17	26/09/2011 7:34	24	3.42857143
336	Rig Manager shack	26/09/2011 7:34	29/09/2011 17:51	24	3.42857143
337	Camp Gen skid 1	29/09/2011 17:51	2/10/2011 7:34	18	2.57142857
338	Camp Gen skid 2	2/10/2011 7:34	5/10/2011 17:51	24	3.42857143
339	Camp Building 1	5/10/2011 17:51	9/10/2011 4:08	24	3.42857143
340	Camp Building 1	9/10/2011 4:08	12/10/2011 14:25	24	3.42857143
341	Camp Building 1	12/10/2011 14:25	16/10/2011 0:42	24	3.42857143
342	Camp Building 1	16/10/2011 0:42	19/10/2011 11:00	24	3.42857143
343	Camp Building 1	19/10/2011 11:00	22/10/2011 21:17	24	3.42857143
344	Camp Building 1	22/10/2011 21:17	26/10/2011 7:34	24	3.42857143
345	Camp Building 1	26/10/2011 7:34	29/10/2011 17:51	24	3.42857143
346	Lifting Equipment			408	58.2857143 days
347	ITAC Supervision				

RTI DL RELEASE - DNRM

219	Replace support rig for power tow wing arm		
220	Roller Bearing Cleaned		
221	Roller Bearing Inspected		
222	Roller Bearing Replaced		
223	Test hydraulic system for calibration circuits		
	PG CABLES		
224	Hydraulic Support Mast & Ramer pivot system		
225	MTD Load Bearing Area's		
226	Magnetic Particle Inspection	245.38	4185.01
227	Eddy Current Inspection	114.14	
228	MDI	124.03	
229	Hydraulic Bypass Test Stabilizer Jack Legs	4 * 551.88	511.88
230	Hydraulic Velocity Fuse Cleaned	3030-0013 valve 2 5919.26	1919.26
231	Hydraulic Velocity Fuse Inspected	2350-0010 valve final check x 4	2003.88
232	Hydraulic Velocity Fuse Replaced	2482-0041 pin x 4	286.50
233	Dual Counterbalance Valves Cleaned		
234	Dual Counterbalance Valves Inspected		
235	Dual Counterbalance Valves Replaced		
236	Oil /Wash Cables Tested		
237	BDY Load Bearing Area's Pad Eyes		
238	Magnetic Particle Inspection		
239	Eddy Current Inspection		
240	MDI		
241	Replace 8 Suspension Air Bags		
242	Visually inspect for Corrosion		
243	Check air supply piping and controls		
244	Function Test Air Brake System		
245	Check and adjust Stack Adjusters		
246	Check and adjust Spring Break Restoers		
247	Check and adjust S-cams		
248	Inspect air treat wheals		
249	Wheel Bearing Inspections		
250	Check Mud Seals for Leaks		
251	Replace Air Service Tanks		
252	Remove Top Hydraulic Tank		
253	Drain Oil		
254	Internal Tank Inspection		
255	Replace oil gaskets and seals		
256	Replace oil filters		
257	Replace oil oil		
258	Replace hydraulic rig hoses around rig center		
259	Inspect truck/trailer container on standby		
260	MTU Compressor to be replaced		
261	Remove compressor		
262	Drain lube oil bypass		
263	Rebuild cam		
264	Install new compressor		
265	Test up new compressor		
266	Replace MTU engine remote filter hoses		
267	Air Clean Cyclone		
268	Wash Clean		
269	Wash Clean		
270	Final oil		
271	MTU front/traw engine crankshaft seals replace		
272	Remove		
273	Replace		
274	MTU Hydraulic pump group fan plate		
275	Remove		
276	Replace		
277	MTU Hydraulic pump group Fuel Drive Box		
278	Remove		
279	Install		
280	Replace AV130 delivery manifold pc fittings		
281	Replace Rod Load Hydraulic Danfos pump		
282	Replace Reverser AC110C30 rotation pump		
283	MTU pump group calibration tested		
284	MTU Radiator cooler pack repair		
285	Oil Leaks		
286	Shutdown to town		
287	Repair tank gaskets		
288	Return from town		
289	Final oil		
290	MTU engine scheduled Maintenance		
291	Remove valve covers		
292	Oil resection checks		
293	Test injectors		
294	Tank inspection tank up		
295	Hydraulic engine shift and repaired		
296	Internal Bearing Inspected		
297	Internal Gear Inspected		
298	Accy oil leak 1" BSP-PIG		
299	TDI 150 Air Turbo Starter Motor		
300	Replace starter pinion check shaft bearing		
301	Clean turbo housing		
302	Rig Carrier Services		
303	DC Valve Control		
304	Hydraulic reel calibration		
305	Visually inspect		
306	DC VALVES		
307	Inspection and hose replacement		
308	BDY pin and/or point/ L&K		
309	Magnetic Particle Inspection		
310	Eddy Current inspection		
311	MDI		
312	Hydraulic Cylinder Bypass test		
313	Hydraulic Velocity Fuse Cleaned		
314	Hydraulic Velocity Fuse Inspected		
315	Dual Counterbalance Valves Cleaned		
316	Dual Counterbalance Valves Inspected		
317	Dual Counterbalance Valves Replaced		
318	Replace Dual Counterbalance Valves		
319	Visually inspect Dual Counterbalance Valves		
320	Replace Hydraulic Flow Meter for Head Line		
321	leak Out Rigger Extension Cylinder reseat		
322	Replace all WIPORAAC head line pipes		
323	Road Loader DC Valve Control Station		
324	Bank to be removed		
325	Bank to be reworked		
326	Clear all contamination away from V-door		
327			
328	Clean/Reempty Skid		
329	Head Pump 1		
330	Mud Pump2		
331	General Skid		
332	Weldsize Container and bin		
333	Mechanic skid		
334	Dynamic skid		
335	Company Man skid		
336	Rig Manager skid		

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Crew Pay	226,429
Accomodation	64,806
HTS Pumps	21,930
WGW corner castings man hours	43,200
King Swivel	35,994
AIRDRILL parts List	112,011
Top Drive	40,000
Crew change flights	26985
Cranes	3840
ITAC corner castings	49300

624,495

RTI DL RELEASE - DNRM

ITAC COST

ITEM	DESCRIPTION	ESTIMATED COST \$	Boilermaker					CONTAINER				Boilermaker Costs	ESTIMATED COST \$	Corner			Flat	
			Manhours	Castings	RHS	Plates	Gussets	UB	FLAT BAR	PINS	Castings			RHS	Plates	Gussets		
						110												
1	Daytank/Koomey Skid	2860	18	4	2	4	8					1980	880	4	2	4	8	
2	Mud Pump 1	3520	24	4	2							2640	880	4	2			
3	Mud Pump2	3520	24	4	2							2640	880	4	2			
4	General Skid	2860	18	4	2	4	8					1980	880	4	2	4	8	
5	Westside Container and bin	8360	24	4	3	4	8		2	4		2640	5720	4	3	4	8	
6	Mechanic shack	2860	18	4	2	4	8					1980	880	4	2	4	8	
7	Smoko shack	2530	24	4	2	4	8					2640	-110	4	2	4	8	
8	Company Man shack	2530	24	4	2	4	8					2640	-110	4	2	4	8	
9	Rig Manager shack	2530	24	4	2	4	8					2640	-110	4	2	4	8	
10	Camp Gen skid 1	5940	18	4	2	4	8	1		2		1980	3960	4	2	4	8	
11	Camp Gen skid 2	2530	24	4	2	4	8					2640	-110	4	2	4	8	
12	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
13	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
14	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
15	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
16	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
17	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
18	Camp Building 1	2530	24	4	2	4	8					2640	-110	4	2	4	8	
		57750										44880						
	Lifting Equipment	23700																
	ITAC Supervision	11000																
		34700										22500						
		92450										22380						
	408 man hours																	

RTI DL RELEASE - DNRM