

Measured Depth: 4,324.0		TVD: 3,131.6		PBD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 99		DFS: 75		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 656.0																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 0		EMW		Leakoff?																	
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 0.0		Depth Worst Wear:		% Remaining:																							
Liner Size: 177.8		Set At: 3,875.0		MD 3,077.5		TVD		Liner Top At: 1,344.3		MD 1,203.0		TVD																	
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:		Gel: /															
WL API:		HTHP:		FC API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		PE/ME: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA: BHA Description:																													
Hrs On Jars:										Hours Since Last Inspection:																			
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 0.0													
0.00				06 - 99		** OPERATIONS TURNED OVER TO COMPLETIONS (RWANC-R3005-500) AS OF 00:00 HRS ON JUNE 13, 2004. PLEASE SEE																							
				-		COMPLETIONS REPORT. NEW PROJECT CREATED FOR COMPLETIONS PHASE - CR0086-1 **																							
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Safety: MEETING TOPICS: TRIPPING, RUNNING SCRAPPER, AIR SLIPS.																													
24 Hr Summary:																													
Projected Oprn:																													
Remarks:																													
Daily Mud Cost:		Daily Tangible Cost:		Daily Well Cost:		Incidents: NO INCIDENT REPORTED																							
Cum Mud Cost: 498,356		Cum Tangible Cost: 499,473		Cum Well Cost: 8,140,971		Total Appr: 11,377,106																							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/PERRY																							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0																							
API No:		AFE No: RWANC-R3005-400		Date: 13-JUN-2004		Page: 1 Of 1																							

Measured Depth: 4,324.0		TVD: 3,131.6		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																			
DOL: 98		DFS: 74		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 656.0																	
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:											
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 0		EMW		Leakoff?															
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 0.0		Depth Worst Wear:		% Remaining:																					
Liner Size: 177.8		Set At: 3,875.0		MD 3,077.5		TVD		Liner Top At: 1,344.3		MD 1,203.0		TVD															
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:		Gel: /													
WL API:		HIHP:		FC API:		HIHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:									
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /													
9071.0 0.0N/A/TRANSPORTAT 1.0 0.0N/AMUD ENGR																											
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																	
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																	
										- / - / - / - / -																	
Type		Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
				/		/																					
				/		/																					
Total Length of BHA: BHA Description:																											
Hrs On Jars:										Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW					
		/ /		/ /		/ /																					
		/ /		/ /		/ /																					
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS											
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 23.8											
3.75		0		02 - 25		CONTINUE LOG RUN #2: FMI ON DP. LOG FROM TD TO 3726M.																					
2.25T		345		02 - 45		FMI DATA NOT WELL DEFINED. WAIT FOR DECISION TO POOH OR RELOG.																					
1.75T		600		02 - 25		RIH TO 3994M AND RELOG TO LINER SHOE. NO IMPROVEMENT ON DATA.																					
0.25		745		02 - 21		RIG SERVICE. FUNCTION UPPER PIPE RAMS FROM MAIN CONTROL. 6 SECONDS CLOSE/OPEN.																					
0.50T		800		02 - 45		WAIT ON ORDERS ON FMI DATA.																					
2.50		830		02 - 25		POOH TO SIDE ENTRY SUB. UNLATCH WET CONNECT AND PULL WIRELINE OOH.																					
5.75		1100		02 - 05		POOH.																					
1.00		1645		02 - 07		L/D TLC LOGGING TOOLS. RIH IN LOGGING TRUCK FOR WIRELINE LOG (CNL-GR).																					
0.25		1745		02 - 21		RIG SERVICE. FUNCTION TEST BLIND RAMS. 5 SECONDS CLOSE/OPEN.																					
0.25		1800		02 - 62		SAFETY MEETING WITH SCHLUMBERGER WIRELINE OPERATORS.																					
1.75		1815		02 - 25		RIH WITH WIRELINE LOG: CNL-GR. BRIDGE OFF AT 177.8 MM LINER TOP. POOH TO ADD WEIGHT TO LOGGING TOOLS.																					
0.25		2000		02 - 62		SAFETY MEETING WITH SCHLUMBERGER WIRELINE OPERATORS.																					
3.50		2015		02 - 25		RE-RUN WIRELINE LOG: CNL-GR. LOG UP FROM 3800M.																					
0.00				02 - 99		** RIG RELEASED TO COMPLETIONS AT 24:00 HRS **																					
Safety: MEETING TOPICS: TRIPPING OUT OF HOLE, WIRELINE LOGGING.																											
24 Hr Summary: FINISH LOG #2: FMI. RELOG 100M BELOW LINER SHOE TO CHECK DATA QUALITY. POOH. RIH WITH LOG #3: CNL-GR. BRIDGE AT																											
Projected Opn: COMPLETE LOG #3: CNL-GR. 2 SCRAPER RUNS (244.5MM TO LINER TOP AND 177.8MM TO LINER SHOE). RUN AND SET																											
Remarks: CONTRACTOR HRS TODAY 252 TOTAL THIS MONTH = 2484																											
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 2460 M3																											
ALL INVERT HAULED OFF LOCATION. TOTAL VOLUME HAULED = 264.5 M3.																											
0600 OPERATION: POOH WITH 244.5MM SCRAPER.																											
Daily Mud Cost: 27,738		Daily Tangible Cost: 0		Daily Well Cost: 260,676		Incidents: NO INCIDENT REPORTED																					
Cum Mud Cost: 498,356		Cum Tangible Cost: 499,473		Cum Well Cost: 8,140,971		Total Appr: 11,377,106																					
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																	
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/PERRY																					
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0																					
API No:		AFE No: RWN-C-R3005-400		Date: 12-JUN-2004		Page: 1 Of 1																					

Measured Depth: 4,324.0		TVD: 3,131.6		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 97		DFS: 73		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 656.0																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 0		EMW		Leakoff?																	
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 0.0		Depth Worst Wear:		% Remaining:																							
Liner Size: 177.8		Set At: 3,875.0		MD 3,077.5		TVD		Liner Top At: 1,344.3		MD 1,203.0		TVD																	
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:		Gel: /															
WL API:		HIHP:		FC API:		HIHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
1.0 0.0N/AMUD ENGR																													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out											
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:																		BHA Description:											
Hrs On Jars:																		Hours Since Last Inspection:											
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
3.25		0		02 - 25		CONTINUE WITH LOG RUN 1: MEST-LDS-SGT-EMA-HRLA-SP. LOG F/ 4100M T/ 3876 AND PULL INTO CASING SHOE TO 3650M.																							
4.50		315		02 - 05		UNLATCH WIRELINE TO LOGGING TOOLS AND POOH. POOH DP AND LOGGING TOOLS.																							
0.25		745		02 - 21		RIG SERVICE. FUNCTION ANNULAR FROM REMOTE CONTROL. 23 SECONDS CLOSE/OPEN.																							
0.50		800		02 - 05		CONTINUE POOH DP AND LOGGING TOOLS.																							
2.50		830		02 - 07		L/D LOGGING TOOLS.																							
0.25		1100		02 - 62		SAFETY MEETING ON SLIP AND CUT DRILL LINE.																							
0.75		1115		02 - 21		SLIP DRILL LINE AND CUT 18M. CHECK CROWN SAVER.																							
2.00		1200		02 - 07		P/U FMI LOGGING TOOLS AND TEST.																							
6.00		1400		02 - 05		RIH WITH LOGGING TOOLS ON DRILLPIPE. FILL PIPE EVERY 1000M.																							
0.25		2000		02 - 62		SAFETY MEETING. HOLD BOP DRILL.																							
3.50		2015		02 - 25		RIH W/ WIRELINE, LATCH TOOL WITH WET CONNECT. CONTINUE RIH ON DP.																							
0.25		2345		02 - 21		RIG SERVICE. FUNCTION HCR FROM REMOTE CONTROL. 2 SECONDS CLOSE/OPEN.																							
				-																									
				-																									
				-																									
Safety: MEETING TOPICS: LOGGING, SLIP AND CUT DRILL LINE, BOP DRILL																													
24 Hr Summary: COMPLETE LOG RUN #1. POOH AND L/D LOGGING TOOLS. RIH W/ LOG RUN #2: FMI.																													
Projected Opn: FINISH LOG RUN #2: FMI ON DP. POOH. RIH WITH WIRELINE LOG.																													
Remarks: CONTRACTOR HRS TODAY 216 TOTAL THIS MONTH = 2232																													
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 2460 M3																													
0600 OPERATION: RIH TO LOG REPEAT SECTION 100M BELOW CASING SHOE.																													
Daily Mud Cost: 525		Daily Tangible Cost: 0		Daily Well Cost: 66,582		Incidents: NO INCIDENT REPORTED																							
Cum Mud Cost: 470,618		Cum Tangible Cost: 499,473		Cum Well Cost: 7,880,295		Total Appr: 11,377,106																							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/PERRY																							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0																							
API No:		AFE No: RWWNC-R3005-400		Date: 11-JUN-2004		Page: 1 Of 1																							

Measured Depth: 4,324.0		TVD: 3,131.6		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 96		DFS: 72		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 656.0																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 0		EMW		Leakoff?																	
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 0.0		Depth Worst Wear:		% Remaining:																							
Liner Size: 177.8		Set At: 3,875.0		MD 3,077.5		TVD		Liner Top At: 1,344.3		MD 1,203.0		TVD																	
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:		Gel: /															
WL API:		HTHP:		FC API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
3970.0 0.0N/ATransportat 1.0 0.0N/AMUD ENGR																													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out											
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:																		BHA Description:											
Hrs On Jars:																		Hours Since Last Inspection:											
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
3.75		0		02 - 05		RIH WITH TLC LOGGING TOOLS ON DRILL PIPE.																							
0.25		345		02 - 21		RIG SERVICE. FUNCTION LOWER PIPE RAMS FROM MAIN CONTROL. 6 SECONDS CLOSE/OPEN.																							
0.25		400		02 - 62		SAFETY MEETING ON RIGGING IN SCHLUMBERGER WIRELINE TRUCK.																							
3.75		415		02 - 25		RIG IN WIRELINE TRUCK. RUN WIRELINE INSIDE DP AND LATCH TO TLC TOOLS. RIH WITH WIRELINE OUTSIDE DP TO 3946M.																							
0.25		800		02 - 62		SAFETY MEETING W/ SCHLUMBERGER WIRELINE PERSONNEL.																							
7.50		815		02 - 25		RUN WIRELINE TLC LOGS (MEST-LDS-CNT-SGT-EMA-HRLA-SP).																							
0.25		1545		02 - 21		RIG SERVICE. FUNCTION HCR FROM REMOTE CONTROL. 2 SECONDS OPEN/CLOSE.																							
2.00T		1600		02 - 25		PULL WIRELINE AND SERVICE WET CONNECT. RUN WIRELINE BACK IN HOLE AND LATCH TO TLC TOOLS.																							
0.25T		1800		02 - 62		SAFETY MEETING W/ SCHLUMBERGER WIRELINE OPERATORS.																							
0.75		1815		02 - 25		RUN WIRELINE ON DP TO 3933M.																							
1.00T		1900		02 - 25		TROUBLE WITH FMS TOOL. ATTEMPT TO FIX WITH NO SUCCESS.																							
2.25		2000		02 - 25		CONTINUE TO RIH WITH WIRELINE/DP TO BOTTOM W/O FMS TOOL.																							
1.75		2215		02 - 25		POOH AND LOG WITH TLC LOGGING TOOLS.																							
Safety: MEETING TOPICS: BARGING, TLC LOGGING																													
24 Hr Summary: RIH WITH LOGGING TOOLS. COMMENCE LOGGING OPERATIONS. PULL WIRELINE TO INSPECT WET CONNECT AND RIH. LOG FROM																													
Projected Opn: COMPLETE LOGGING RUN. POOH AND CHECK FMS TOOL. RIH AND LOG W/ FMI TOOL.																													
Remarks:																													
CONTRACTOR HRS TODAY 228 TOTAL THIS MONTH = 2016																													
WATER HAULED TODAY = 15 M3 TOTAL HAULED = 2460 M3																													
0600 OPERATION: POOH AT 1800M.																													
Daily Mud Cost: 4,495		Daily Tangible Cost: 0		Daily Well Cost: 67,382		Incidents: NO INCIDENT REPORTED																							
Cum Mud Cost: 470,093		Cum Tangible Cost: 499,473		Cum Well Cost: 7,813,713		Total Appr: 11,377,106																							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/PERRY																							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0																							
API No:		AFE No: RWMNC-R3005-400		Date: 10-JUN-2004		Page: 1 Of 1																							

Measured Depth: 4,324.0		TVD: 3,131.6		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 95		DFS: 71		Spud Date:		Daily Footage: 0.0		Daily Rot Hrs:		Total Rot Hrs: 656.0																			
Torq: 7000		Drag: 15.0		Rot Wgt: 89.0		P/U Wgt: 104.0		Slack Off Wgt: 81.0		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 244.5				Set At: 1,510.0				MD 1,340.0		TVD		Shoe Test: 0		EMW		Leakoff?													
Cum Rot Hrs On Casing: 0.0				Cum Rot Hrs On Casing Since Last Caliper: 0.0				Depth Worst Wear:				% Remaining:																	
Liner Size: 177.8				Set At: 3,875.0				MD 3,077.5		TVD		Liner Top At: 1,344.3				MD 1,203.0		TVD											
Mud Co: MARQUIS DRILLING FLD				Type: FRESHWATER POLYMER				Sample From:		Wt: 1060		FV: 61		FV: 17		YP: 15.3		Gel: 6 / 7											
WL API: 7.0				HIHP: 0.0		FC API: 0.5		HIHP: 0.0		Solids: 0.00		% Oil: 0.00		% Water: 0.00		% Sand: 0.00		MBT: 0.0		Ph: 9.5									
Pm: 0.00		PF/Mf: 0.30 / 1.90		Carb: 0		Cl: 1,000		Ca: 40		Bent: 0.0		Solids %HG/LG: 0.00 / 0.00				%DS/Bent: 0.0 /													
1.0		0.0N/ACAUSTIC		1.0		0.0N/ADRISPAC REG		10.0		11.4KG		XANVIS		1.0		0.0N/AMUD ENGR		206.0		0.0N/ACAL CARB									
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
19				152.4		REED		108587		3 - 15.9 / - / - / - / -				594.8		4,066.0		4,324.0		3,131.6									
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
DSX56HGS		258.0		34.5		0.0/0.0		20 / 20		90																		605.61	
						/		/																					
Total Length of BHA: 92.23				BHA Description: BIT (DSX56HGS), 121MM, 7/8, 3 STAGE MOTOR SET AT 1.5 DEGREES, FLOAT SUB, UBHO																									
SUB, 3 - FLEX COLLARS, 6 - 89MM HWDP																													
												Hrs On Jars:				Hours Since Last Inspection:													
Bit Num		Liner		Stroke		SPM		Press.		MB/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
19		152 / 127 / 0		/ /		70 / /		13000		0.93		26.33		78.09		139.29		6.30		0.2		1881							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight												Total Hours Reported: 24.0											
4.50		0		01 - 01		CIRCULATE AND CONDITION MUD PRIOR TO WIPER TRIP																							
1.00		430		01 - 05		WIPER TRIP TO 3800M.																							
0.25		530		01 - 21		RIG SERVICE, FUNCTION ANNULAR																							
1.00		545		01 - 05		RUN IN HOLE TO BOTTOM																							
3.75		645		01 - 01		CIRCULATE AND CONDITION HOLE PRIOR TO TRIP OUT TO LOG																							
2.00		1030		01 - 05		TRIP OUT TO LOG																							
0.25		1230		01 - 21		RIG SERVICE, FUNCTION TOP RAMS																							
5.75		1245		01 - 05		TRIP OUT TO LOG																							
1.50		1830		01 - 05		LAY DOWN DIRECTIONAL TOOLS																							
0.25		2000		01 - 62		SAFETY MEETING																							
1.75		2015		01 - 25		PICK UP TLC LOGGING TOOLS																							
1.75		2200		01 - 05		RUN IN HOLE																							
0.25		2345		01 - 21		RIG SERVICE, FUNCTION SWACO CHOKE																							
Safety: MEETING TOPICS: TRIPPING, RACKING PIPE IN DERRICK, TLC LOGGING																													
24 Hr Summary: CIRC AND COND, WIPER TRIP, CIRC, POH TO LOG, LD DIR TOOLS, MU TLC TOOLS, RIH																													
Projected Opn: RUN IN HOLE WITH TLC TOOLS, LOG, POH																													
Remarks:																													
CONTRACTOR HRS TODAY 228 TOTAL THIS MONTH = 1788																													
WATER HAULED TODAY = 15 M3 TOTAL HAULED = 2445 M3																													
0600 OPERATION: CIRC W/TLC ASS'Y @ 3672 PRIOR TO START LOGGING																													
Daily Mud Cost: 6,906				Daily Tangible Cost: 0				Daily Well Cost: 85,508				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 465,598				Cum Tangible Cost: 499,473				Cum Well Cost: 7,746,331				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:				Blended:									
Country: CANADA						Rig: AKITA RIG #48						Rig Phone: 403 699 2884						Drilling Rep: CURTIS/SPEARS											
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25						Well No:						Well ID: CR0086 -0											
						API No:						AFE No: RWN-C-3005-400						Date: 09-JUN-2004				Page: 1 Of 1							

Measured Depth: 4,324.0		TVD: 3,131.6		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0					
DOL: 94		DFS: 70		Spud Date:		Daily Footage: 144.0		Daily Rot Hrs: 17.5		Total Rot Hrs: 656.0			
Torq: 7000		Drag: 15.0		Rot Wgt: 89.0		P/U Wgt: 104.0		Slack Off Wgt: 81.0		Wind: Seas: 0.0 / 0.0			
Bar: 0		FOB:		Last Casing Size: 244.5		Set At: 1,510.0 MD		1,340.0 TVD		Shoe Test: 0 EMW Leakoff?			
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 0.0		Depth Worst Wear:		% Remaining:							
Liner Size: 177.8		Set At: 3,875.0 MD		3,077.5 TVD		Liner Top At: 1,344.3 MD		1,203.0 TVD					
Mud Co: MARQUIS DRILLING FLD		Type: FRESHWATER POLYMER		Sample From:		Wt: 1060		FV: 52		PV: 15			
Yp: 12.0		Gel: 5 / 6		WL API: 7.0		HHP: 0.0		FC API: 0.5		HHP: 0.0			
Solids: 0.00		% Oil: 0.00		% Water: 0.00		% Sand: 0.00		MBT: 0.0		Ph: 9.5			
Pm: 0.00		Pf/Mf: 0.30 / 1.50		Carb: 0		Cl: 900		Ca: 40		Bent: 0.0			
Solids %HG/LG: 0.00 / 0.00		%DS/Bent: 0.0 /											
6.0		0.0N/ACAUSTIC		2.0		0.0N/ADRISPAC REG 20.0		0.0N/A SODIUM SULF 25.0		11.4KG XANVIS			
2.0		0.0N/APOLYDRILL											
1.0		0.0N/AMUD ENGR		10.0		0.0N/ACAL CARB							
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)			
19				152.4		REED		108587		3 - 15.9 / - / - / - / -			
										594.8			
Type				Hours		WOB		RPM		Motor RPM			
DSX56HGS		258.0		34.5		4.0/12.0		20 / 20		90			
Total Length of BHA: 92.23		BHA Description: BIT (DSX56HGS), 121MM, 7/8, 3 STAGE MOTOR SET AT 1.5 DEGREES, FLOAT SUB, UBHO											
SUB, 3 - FLEX COLLARS, 6 - 89MM HWDP													
						Hrs On Jars:			Hours Since Last Inspection:				
Bit Num		Liner		Stroke		SPM		Press.		M3/Min			
19		152 / 127 / 0		/ /		70 / /		13000		0.93			
		/ /		/ /		/ /							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates			
4,281.3		86.43		33.41		N33.41E		3,129.4					
4,290.9		86.75		33.29		N33.29E		3,130.0					
4,300.3		86.57		32.96		N32.96E		3,130.5					
4,309.7		87.93		35.44		N35.44E		3,131.0					
Vertical Section		DLS											
2426.77		1.49											
2434.78		1.06											
2442.64		1.20											
2450.41		9.02											
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight					Total Hours Reported: 24.0		
2.00		0		01 - 05		WIPER TRIP TO 3815M.							
5.00		200		01 - 02		DRILL FROM 4180 - 4210M AROP = 6.0 M/HR							
0.25		700		01 - 21		RIG SERVICE, FUNCTION TOP PIPE RAMS							
0.75		715		01 - 06		MWD SURVEY'S							
0.25		800		01 - 62		SAFETY MEETING							
1.50		815		01 - 02		DRILL FROM 4210 - 4229M AROP = 12.7 M/HR							
1.00		945		01 - 24		RIG OUT OF WATER. WAIT ON WATER TRUCK.							
8.00		1045		01 - 02		DRILL FROM 4229 - 4290M AROP = 7.6 M/HR							
1.00		1845		01 - 06		MWD SURVEY'S							
0.25		1945		01 - 21		RIG SERVICE, FUNCTION ANNULAR							
3.00		2000		01 - 02		DRILL FROM 4290 - 4324M AROP = 11.3 M/HR							
0.25		2300		01 - 21		RIG SERVICE, FUNCTION HCR							
0.75		2315		01 - 06		MWD SURVEY'S							
Safety: MEETING TOPICS: TRIPPING, FALL PROTECTION, CONNECTIONS													
24 Hr Summary: WIPER TRIP TO 3815M, DRILL AND SURVEY FROM 4180 - 4324M.													
Projected Opn: CIRCULATE, WIPER TRIP, CIRCULATE, POH, PICK UP TLC LOGGING TOOLS, RIH													
Remarks: CONTRACTOR HRS TODAY 204 TOTAL THIS MONTH = 1560													
WATER HAULED TODAY = 60 M3 TOTAL HAULED = 2430 M3													
0600 OPERATION: DEPTH - 4324M. WIPER TRIP PRIOR TO LOGGING													
FAULTED BACK INTO MUSKWA AT 4306M													
Daily Mud Cost: 14,265		Daily Tangible Cost: 0		Daily Well Cost: 79,299		Incidents: NO INCIDENT REPORTED							
Cum Mud Cost: 458,692		Cum Tangible Cost: 499,473		Cum Well Cost: 7,660,823		Total Appr: 11,377,106							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/SPEARS							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0							
API No:		AFE No: RWMNC-R3005-400		Date: 08-JUN-2004		Page: 1 Of 1							

Measured Depth: 4,180.0		TVD: 3,122.9		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0					
DOL: 93		DFS: 69		Spud Date:		Daily Footage: 114.0		Daily Rot Hrs: 17.0		Total Rot Hrs: 638.5			
Torq: 8000		Drag: 20.0		Rot Wgt: 86.0		P/U Wgt: 106.0		Slack Off Wgt: 71.0		Wind: Seas: 0.0 / 0.0			
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 0 FMW		Leakoff?			
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 0.0		Depth Worst Wear:		% Remaining:							
Liner Size: 177.8		Set At: 3,875.0		MD 3,077.5		TVD		Liner Top At: 1,344.3		MD 1,203.0			
MD 1,203.0		TVD		Liner Top At: 1,344.3		MD 1,203.0		TVD					
Mud Co: MARQUIS DRILLING FLD		Type: FRESHWATER POLYMER		Sample From:		Wt: 1040		FV: 50		FV: 13			
Yp: 10.5		Gel: 5 / 6		WL API: 7.6		HHP: 0.0		FC API: 0.5		HHP: 0.0			
Solids: 0.00		% Oil: 0.00		% Water: 0.00		% Sand: 0.00		MBT: 0.0		Ph: 9.0			
Pm: 0.00		Pf/Mf: 0.20 / 1.10		Carb: 0		Cl: 900		Ca: 40		Bent: 0.0			
Solids %HG/LG: 0.00 / 0.00		%DS/Bent: 0.0 /		3.0		0.0N/ACAUSTIC		2.0		0.0N/ADRISPAC REG 29.0			
11.4KG XANVIS		2.0		0.0N/APOLYDRILL		1.0		0.0N/AMUD ENGR					
20.0		0.0N/ACAL CARB		5.0		0.0N/ACAL CARB							
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)			
19				152.4		REED		108587		3 - 15.9 / - / - / - / -			
										- / - / - / - / -			
Type		Hours		WOB		RPM		Motor RPM		I-Row			
DSX56HGS		114.0		17.0		4.0/12.0		20 / 20		90			
Total Length of BHA: 92.23		BHA Description: BIT (DSX56HGS), 121MM, 7/8, 3 STAGE MOTOR SET AT 1.5 DEGREES, FLOAT SUB, UBHO											
SUB, 3 - FLEX COLLARS, 6 - 89MM HWDP													
Hrs On Jars:						Hours Since Last Inspection:							
Bit Num		Liner		Stroke		SPM		Press.		M3/Min			
19		152 / 127 /		/ /		70 / /		13000		0.93			
		/ /		/ /		/ /							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates			
4,137.9		86.43		25.32		N25.32E		3,120.6					
4,157.0		86.72		26.74		N26.74E		3,121.8					
4,166.4		86.75		27.99		N27.99E		3,122.3					
4,176.3		86.72		29.84		N29.84E		3,122.9					
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight						Total Hours Reported: 24.0	
2.00		0		01 - 01		WASH TO BOTTOM 3890 - 4066M							
5.00		200		01 - 02		DRILL FROM 4066 - 4100M AROP = 6.8 M/HR							
0.25		700		01 - 21		RIG SERVICE, FUNCTION SWACO CHOKE							
0.75		715		01 - 06		MWD SURVEY'S							
10.75		800		01 - 02		DRILL FROM 4100 - 4165M AROP = 6.0 M/HR							
1.00		1845		01 - 06		MWD SURVEY'S							
0.25		1945		01 - 21		RIG SERVICE, FUNCTION TOP PIPE RAMS							
1.25		2000		01 - 02		DRILL FROM 4165 - 4180M AROP = 12 M/HR							
0.25		2115		01 - 06		MWD SURVEY							
0.25		2130		01 - 21		RIG SERVICE, FUNCTION ANNULAR							
2.25		2145		01 - 01		CIRCULATE BOTTOMS UP PRIOR TO WIPER TRIP							
Safety: MEETING TOPICS: WORKING AT HEIGHTS, REVIEW JSA H-1, CLEANING DOG HOUSE ROOF													
24 Hr Summary: WASH TO BOTTOM, DRILL 4066 - 4180M, CIRCULATE PRIOR TO WIPER TRIP													
Projected Opn: WIPER TRIP, DRILL AHEAD AND SURVEY													
Remarks: CONTRACTOR HRS TODAY 180 TOTAL THIS MONTH = 1356													
WATER HAULED TODAY = 15 M3 TOTAL HAULED = 2370 M3													
0600 OPERATION - DRILLING AT 4202M.													
Daily Mud Cost: 14,882		Daily Tangible Cost: 0		Daily Well Cost: 79,984		Incidents: NO INCIDENT REPORTED							
Cum Mud Cost: 444,427		Cum Tangible Cost: 499,473		Cum Well Cost: 7,581,524		Total Appr: 11,377,106							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/SPEARS							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0							
API No:		AFE No: RWMNC-R3005-400		Date: 07-JUN-2004		Page: 1 Of 1							

Measured Depth:	4,066.0	TVD:	3,116.2	PBTD:	0.0	Proposed MD:	4,722.0	Proposed TVD:	3,236.0										
DOL:	92	DFS:	68	Spud Date:		Daily Footage:	21.0	Daily Rot Hrs:	5.5	Total Rot Hrs:	621.5								
Torq:	7000	Drag:	20.0	Rot Wgt:	86.0	F/U Wgt:	106.0	Slack Off Wgt:	71.0	Wind:		Seas:	0.0 / 0.0	Bar:	0	POB:			
Last Casing Size:	244.5	Set At:	1,510.0	MD	1,340.0	TVD		Shoe Test:	0	EMW	Leakoff?								
Cum Rot Hrs On Casing:	0.0	Cum Rot Hrs On Casing Since Last Caliper:	0.0	Depth Worst Wear:		% Remaining:													
Liner Size:	177.8	Set At:	3,875.0	MD	3,077.5	TVD		Liner Top At:	1,344.3	MD	1,203.0	TVD							
Mud Co:	MARQUIS DRILLING FLD	Type:	FRESHWATER POLYMER	Sample From:		Wt:	1020	FV:	45	FV:	14	YP:	10.5	Gel:	4	/	6		
WL	API: 7.2	HITHP:	0.0	FC	API: 0.5	HITHP:	0.0	Solids:	0.00	% Oil:	0.00	% Water:	0.00	% Sand:	0.00	MBT:	0.0	Ph:	9.5
Pm:	0.00	Pf/Mf:	0.30 / 1.10	Carb:	0	Cl:	1,200	Ca:	40	Bent:	0.0	Solids %HG/LG:	0.00 / 0.00	%DS/Bent:	0.0	/			
2360.0	0.0N/ATransportat	1.0	0.0N/AMUD ENGR	84.0	0.0N/ACAL CARB														
Drig Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:									
Bit Number	IADC	Size	Manufacturer	Serial number	Jets (Quantity - Size)				TFA	MD In	MD Out	TVD Out							
18	M333	152.4	SMITH	JS1647	3-14.3/ - / - / - / -				481.9	3,876.0	4,066.0	3,116.2							
					- / - / - / - / -														
Type		Hours	WOB	RPM	Motor RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/m					
M50 PX	190.0	37.3	8.0/15.0	20 / 20	90									805.91					
			/	/															
Total Length of BHA: 92.23 BHA Description: BIT (DSX56HGS), 121MM, 7/8, 3 STAGE MOTOR SET AT 1.5 DEGREES, FLOAT SUB, UBHO																			
SUB, 3 - FLEX COLLARS, 6 - 89MM HWDP																			
										Hrs On Jars:		Hours Since Last Inspection:							
Bit Num	Liner		Stroke		SPM	Press.	M3/Min	Jet Vel	DP Av	DC Av	Bit kW	BHHP/SQIN	Pump kW						
18	127 / 152 / 0		/ /		98/ /	13000	0.92	31.88	76.54	136.49	8.80	0.3	1843						
	/ /		/ /		/ /														
Survey MD	Angle	Azimuth	Direction	TVD	N/S Coordinates	E/W Coordinates		Vertical Section		DLS									
4,042.7	84.40	12.76	N12.76E	3,114.4				2216.27		6.03									
4,051.9	84.78	14.94	N14.94E	3,115.3				2225.16		7.19									
4,061.7	86.70	15.06	N15.06E	3,116.0				2234.60		5.89									
4,071.3	86.80	17.16	N17.16E	3,116.5				2243.81		6.56									
Hours	From	Act-Cat	Operations Covering 24 Hours Ending at Midnight								Total Hours Reported: 24.0								
5.50	0	01 - 02	DRILL FROM 4045 - 4066M. AROP = 3.8 M/HR																
0.25	530	01 - 21	RIG SERVICE, FUNCTION HCR																
0.75	545	01 - 06	MWD SURVEY'S																
2.25	630	01 - 01	CIRCULATE BOTTOM HOLE SAMPLE																
8.25	845	01 - 05	TRIP OUT, CHANGE MOTOR, BIT AND MWD																
0.50	1700	01 - 06	SHALLOW TEST MWD																
2.50	1730	01 - 05	RUN IN HOLE																
0.25	2000	01 - 62	SAFETY MEETING																
2.00	2015	01 - 05	RUN IN HOLE TO CASING SHOE																
0.25	2215	01 - 21	RIG SERVICE, FUNCTION ANNULAR																
0.25	2230	01 - 62	SAFETY MEETING, REVIEW JSA ON SLIP AND CUT																
0.75	2245	01 - 21	SLIP AND CUT DRILLING LINE																
0.50	2330	01 - 01	WASH FROM 3877 - 3890M.																
		-																	
		-																	
Safety: MEETING TOPICS: TRIPPING, SLIP AND CUT DRILLING LINE, HOISTING TUBULARS																			
24 Hr Summary: DRILL TO 4066M, CIRC, TRIP FOR BIT, WASH TO BOTTOM																			
Projected Opn: FINISH WASH TO BOTTOM, DRILL AHEAD																			
Remarks:																			
CONTRACTOR HRS TODAY 180 TOTAL THIS MONTH = 1176																			
WATER HAULED TODAY = 30 M3 TOTAL HAULED = 2355 M3																			
0600 OPERATION - DRILLING AT 4094M.																			
Daily Mud Cost:	3,557	Daily Tangible Cost:	0	Daily Well Cost:	68,531	Incidents: NO INCIDENT REPORTED													
Cum Mud Cost:	429,545	Cum Tangible Cost:	499,473	Cum Well Cost:	7,501,540	Total Appr: 11,377,106													
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:									
Country:	CANADA	Rig:	AKITA RIG #48	Rig Phone:	403 699 2884	Drilling Rep: CURTIS/SPEARS													
Field:	FT. LIARD	Lease:	CHEVRON ET AL LIARD 2M-25	Well No:		Well ID: CR0086 -0													
				API No:		AFE No:	RWNAC-R3005-400	Date:	06-JUN-2004	Page: 1 Of 1									

Measured Depth: 4,045.0		TVD: 3,115.2		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 91		DFS: 67		Spud Date:		Daily Footage: 125.0		Daily Rot Hrs: 20.5		Total Rot Hrs: 616.0																			
Torq: 6000		Drag: 20.0		Rot Wgt: 86.0		P/U Wgt: 106.0		Slack Off Wgt: 71.0		Wind: Seas: 0.0 / 0.0																			
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 0 EMW		Leakoff?																			
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 0.0		Depth Worst Wear:		% Remaining:																							
Liner Size: 177.8		Set At: 3,875.0		MD 3,077.5		TVD		Liner Top At: 1,344.3		MD 1,203.0		TVD																	
Mud Co: MARQUIS DRILLING FLD		Type: FRESHWATER POLYMER		Sample From:		Wt: 1025		FV: 49		PV: 14		YP: 12.4		Gel: 6 / 8															
WL API: 5.8		HIHP: 0.0		FC API: 0.5		HIHP: 0.0		Solids: 0.00		% Oil: 0.00		% Water: 0.00		% Sand: 0.00															
Pm: 0.00		Pf/Mf: 0.30 / 1.30		Carb: 0		Cl: 1,400		Ca: 50		Bent: 0.0		Solids %HG/LG: 0.00 / 0.00		%DS/Bent: 0.0 /															
3.0		0.0N/ACAUSTIC		3.0		0.0N/ADRISPAC REG 15.0		0.0N/A SODIUM SULF 2.0		11.4KG XANVIS		17.0		0.0N/APOLYDRILL															
1.0		0.0N/AMUD ENGR		34.0		0.0N/ACAL CARB																							
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out											
18		M333		152.4		SMITH		JS1647		3-14.3 / - / - / - / -		481.9		3,876.0															
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
M50 PX		169.0		31.8		8.0/15.0		20 / 20		90																		824.70	
						/		/																					
Total Length of BHA: 92.66		BHA Description: BIT (SMITH M50PX), 7/8 3.8 STAGE MOTOR SET AT 1.50 DEG, NM FLOAT SUB, NM UBHO																											
SUB, 3 121MM FLEX MONELS, 6 HWDP																													
										Hrs On Jars:		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
18		127 / 152 / 0		/ /		98 / /		13000		0.92		31.88		76.54		136.49		8.80		0.3		1843							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
3,994.8		80.05		7.64		N7.64E		3,107.9						2169.57		3.27													
4,004.5		80.62		8.74		N8.74E		3,109.6						2179.03		3.79													
4,014.0		81.65		9.74		N9.74E		3,111.0						2188.29		4.51													
4,023.4		82.72		10.61		N10.61E		3,112.3						2197.46		4.39													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
7.00		0		01 - 02		DRILL FROM 3920 - 3953M AROP = 4.7 M/HR																							
0.75		700		01 - 06		MWD SURVEY'S																							
0.25		745		01 - 21		RIG SERVICE, FUNCTION SWACO CHOKE																							
0.25		800		01 - 62		SAFETY MEETING																							
10.50		815		01 - 02		DRILL FROM 3953 - 4018M AROP = 6.2 M/HR																							
1.00		1845		01 - 06		MWD SURVEY'S																							
0.25		1945		01 - 21		RIG SERVICE, FUNCTION TOP RAMS FROM REMOTE																							
3.00		2000		01 - 02		DRILL FROM 4018 - 4045M AROP = 5.7 M/HR																							
0.25		2300		01 - 21		RIG SERVICE, FUNCTION TOP RAMS FROM MAIN																							
0.75		2315		01 - 06		MWD SURVEY'S																							
Safety: MEETING TOPICS: LOADER SAFETY, TRANSFER FUEL, CROWN SAVER																													
24 Hr Summary: DRILL FROM 3920 - 4045M.																													
Projected Opn: DRILL AHEAD, TRIP FOR BIT / MOTOR.																													
Remarks: CONTRACTOR HRS TODAY 180 TOTAL THIS MONTH = 996																													
WATER HAULED TODAY = 30 M3 TOTAL HAULED = 2325 M3																													
0600 OPERATION - DRILLING AT 4065M.																													
Daily Mud Cost: 8,267		Daily Tangible Cost: 0		Daily Well Cost: 73,369		Incidents: NO INCIDENT REPORTED																							
Cum Mud Cost: 425,988		Cum Tangible Cost: 499,473		Cum Well Cost: 7,433,009		Total Appr: 11,377,106																							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement: Blended:																					
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/SPEARS																							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0																							
API No:		AFE No: RWMNC-R3005-400		Date: 05-JUN-2004		Page: 1 Of 1																							

Measured Depth: 3,920.0		TVD: 3,091.4		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 90		DFS: 66		Spud Date:		Daily Footage: 40.0		Daily Rot Hrs: 10.8		Total Rot Hrs: 595.5																			
Torq: 9500		Drag: 20.0		Rot Wgt: 85.0		P/U Wgt: 105.0		Slack Off Wgt: 75.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 244.5				Set At: 1,510.0 MD 1,340.0 TVD				Shoe Test: 0 EMW				Leakoff?																	
Cum Rot Hrs On Casing: 0.0				Cum Rot Hrs On Casing Since Last Caliper: 0.0				Depth Worst Wear:				% Remaining:																	
Liner Size: 177.8				Set At: 3,875.0 MD 3,077.5 TVD				Liner Top At: 1,344.3 MD 1,203.0 TVD																					
Mud Co: MARQUIS DRILLING FLD				Type: FRESHWATER POLYMER				Sample From:		Wt: 1025		FV: 59		FV: 15		YP: 14.8		Gel: 6 / 9											
WL API: 7.8		HIHP: 0.0		FC API: 0.5		HIHP: 0.0		Solids: 0.00		% Oil: 0.00		% Water: 0.00		% Sand: 0.00		MBT: 0.0		Ph: 9.5											
Pm: 0.00		Pf/Mf: 0.30 / 0.90		Carb: 0		Cl: 1,500		Ca: 60		Bent: 0.0		Solids %HG/LG: 0.00 / 0.00		%DS/Bent: 0.0 /															
1.0		0.0N/ACAUSTIC		18.0		0.0N/ADRISPAC REG		21.0		0.0N/A SODIUM SULF		54.0		11.4KG XANVIS		22.0		0.0N/ALUBRICANT											
1.0		0.0N/AMUD ENGR		15.0		0.0N/ACAL CARB																							
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
18		M333		152.4		SMITH		JS1647		3 - 14.3 / - / - / - / -				481.9		3,876.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
M50 PX		44.0		11.3		8.0/15.0		20 / 20		90																		2002.85	
						/		/																					
Total Length of BHA: 92.66				BHA Description: BIT (SMITH M50PX), 7/8 3.8 STAGE MOTOR SET AT 1.50 DEG, NM FLOAT SUB, NM UBHO																									
SUB, 3 121MM FLEX MONELS, 6 HWDP																													
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
18		127 / 152 / 0		/ /		98 / /		8000		0.92		31.94		76.54		136.49		8.70		0.3		1134							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
3,899.3		73.07		0.54		N0.54E		3,085.0						2077.23		4.93													
3,908.1		74.18		0.86		N0.86E		3,087.5						2085.67		3.93													
3,918.4		75.45		1.36		N1.36E		3,090.2						2095.61		3.96													
3,928.1		75.47		2.06		N2.06E		3,092.6						2105.00		2.10													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
7.50		0		01 - 01		CIRCULATE, CONDITION MUD, BUILD VOLUME																							
0.25		730		01 - 62		BOP DRILL																							
0.25		745		01 - 21		RIG SERVICE, FUNCTION ANNULAR																							
0.25		800		01 - 62		SAFETY MEETING																							
2.75		815		01 - 01		CIRCULATE, CONDITION MUD																							
2.50		1100		01 - 02		DRILL 3880 - 3884M. AROP = 1.6 M/HR																							
1.00		1330		01 - 01		CIRCULATE, PUMP RADIAGREEN SWEEP																							
5.25		1430		01 - 02		DRILL FROM 3884 - 3900M AROP = 3.0 M/HR																							
0.25		1945		01 - 21		RIG SERVICE, FUNCTION HCR																							
3.00		2000		01 - 02		DRILL FROM 3900 - 3920M AROP = 3.3 M/HR																							
0.75		2300		01 - 06		MWD SURVEY'S																							
0.25		2345		01 - 21		RIG SERVICE, FUNCTION TOP PIPE RAMS																							
				99 - 99		RADIAGREEN REDUCED TORQUE FROM +11000 TO 10000 FOOT LBS., DRAG FROM 40000 - 20000DAN																							
Safety: MEETING TOPICS: BOP DRILL, ENVIRONMENTAL, CAMP FIRE DRILL																													
24 Hr Summary: CIRCULATE, BUILD VOLUME, CONDITION MUD, DRILL TO 3884, PUMP RADIAGREEN, DRILL AND SURVEY TO 3920M.																													
Projected Opn: DRILL AHEAD AND SURVEY																													
Remarks: CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 816																													
WATER HAULED TODAY = 30 M3 TOTAL HAULED = 2295 M3																													
0600 OPERATION - DRILLING AT 3948M.																													
LOST 15M3 MUD AT 3885M. SEALED WITH SUPERCAL CACO3																													
Daily Mud Cost: 69,121				Daily Tangible Cost: 0				Daily Well Cost: 135,173				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 417,721				Cum Tangible Cost: 499,473				Cum Well Cost: 7,359,640				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:				Blended:									
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWNK-R3005-400				Date: 04-JUN-2004				Page: 1 Of 1													

Measured Depth: 3,880.0		TVD: 3,085.4		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 89		DFS: 65		Spud Date:		Daily Footage: 4.0		Daily Rot Hrs: 0.5		Total Rot Hrs: 584.8																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /											
WL API:		HTHP:		FC API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
5.75		1800		01 - 01		CONDITION MUD, BUILD VOLUME																							
0.25		2345		01 - 21		RIG SERVICE, FUNCTION TOP RAMS																							
				-																									
				-																									
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				-																									
Safety:																													
24 Hr Summary:																													
Projected Opm:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: FWMNC-R3005-400				Date: 03-JUN-2004				Page: 2 Of 2													

Measured Depth: 3,880.0		TVD: 3,085.4		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 89		DFS: 65		Spud Date:		Daily Footage: 4.0		Daily Rot Hrs: 0.5		Total Rot Hrs: 584.8																			
Torq: 0		Drag: 0.0		Rot Wgt: 0.0		P/U Wgt: 0.0		Slack Off Wgt: 0.0		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 244.5				Set At: 1,510.0 MD 1,340.0 TVD				Shoe Test: 0 EMW				Leakoff?																	
Cum Rot Hrs On Casing: 0.0				Cum Rot Hrs On Casing Since Last Caliper: 0.0				Depth Worst Wear:				% Remaining:																	
Liner Size: 177.8				Set At: 3,875.0 MD 3,077.5 TVD				Liner Top At: 1,344.3 MD 1,203.0 TVD																					
Mud Co: MARQUIS DRILLING FLD				Type: FRESHWATER POLYMER				Sample From:				Wt: 1010		FV: 42		FV: 7		YP: 4.8		Gel: 3 / 4									
WL API: 100.0				HTHP: 0.0				FC API: 0.5				HTHP: 0.0				Solids: 0.00		% Oil: 0.00		% Water: 0.00		% Sand: 0.00		MBT: 0.0		Ph: 10.0			
Pm: 0.00		PE/Mf: 0.00 / 0.00		Carb: 0		Cl: 1,100		Ca: 60		Bent: 0.0		Solids %HG/LG: 0.00 / 0.00				%DS/Bent: 0.0 /													
3.0		0.0N/ACAUSTIC		7.0		0.0N/ADRISPAC REG 7.0		0.0N/A POLYDRILL		1.0		0.0N/AMUD ENGR		112.0		0.0N/ACAL CARB													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
18		M333		152.4		SMITH		JS1647		3-14.3 / - / - / - / -				481.9		3,876.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
M50 PX		4.0		0.5		3.0/3.0		20 / 20		90																		15312.93	
Total Length of BHA: 92.66				BHA Description: BIT (SMITH M50PX), 7/8 3.8 STAGE MOTOR SET AT 1.50 DEG, NM FLOAT SUB, NM UBHO																									
SUB, 3 121MM FLEX MONELS, 6 HWDP																													
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
18		127 / 152 / 0		/ /		98 / /		8000		0.92		31.94		76.54		136.49		8.70		0.3		1134							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
0.75		0		01 - 05		RUN IN HOLE TO LANDING COLLAR																							
1.75		45		01 - 15		DRILL OUT PLUGS AND LANDING COLLAR																							
3.00		230		01 - 01		CIRCULATE HOLE CLEAN																							
2.50		530		01 - 01		DISPLACE HOLE TO WATER BASE FLUID																							
1.50		800		01 - 21		CLEAN MUD TANKS																							
0.25		930		01 - 62		SAFETY MEETING																							
1.75		945		01 - 16		PRESSURE TEST CASING TO 21000 KPA FOR 10 MINUTES - OK																							
1.00		1130		01 - 21		CLEAN MUD TANKS																							
0.25		1230		01 - 21		RIG SERVICE, FUNCTION TOP RAMS																							
1.25		1245		01 - 15		DRILL OUT FLOAT COLLAR, CEMENT AND FLOAT SHOE																							
0.25		1400		01 - 02		DRILL FROM 3876 - 3879M.																							
2.75		1415		01 - 01		CIRCULATE HOLE CLEAN																							
0.25		1700		01 - 62		SAFETY MEETING																							
0.50		1715		01 - 17		PERFORM F.I.T. TO 12.7 KPA/M. NO BREAK DOWN																							
0.25		1745		01 - 02		DRILL FROM 3879 - 3880M.																							
Safety: MEETING TOPICS: BOP DRILL, PRESSURE TESTING, CONFINED SPACE ENTRY																													
24 Hr Summary: DRILL OUT LANDING COLLAR, PT CASING. DISPLACE TO WATER BASE FLUID, DRILL OUT, FIT, CONDITION MUD																													
Projected Opn: CONDITION MUD, BUILD VOLUME, DRILL AHEAD																													
Remarks: CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 816																													
WATER HAULED TODAY = 60 M3 TOTAL HAULED = 2265 M3																													
0600 OPERATION - CIRCULATE AND CONDITION MUD																													
Daily Mud Cost: 2,820				Daily Tangible Cost: 0				Daily Well Cost: 86,837				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 348,600				Cum Tangible Cost: 499,473				Cum Well Cost: 7,224,467				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:				Blended:									
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWWNC-R3005-400				Date: 03-JUN-2004				Page: 1 Of 2													

Measured Depth: 3,876.0		TVD: 3,085.4		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 88		DFS: 64		Spud Date:		Daily Footage: 0.0		Daily Rot Hrs: 0.0		Total Rot Hrs: 584.3																			
Torq: 0		Drag: 0.0		Rot Wgt: 0.0		P/U Wgt: 0.0		Slack Off Wgt: 0.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 0		EMW		Leakoff?																	
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 0.0		Depth Worst Wear:		% Remaining:																							
Liner Size: 177.8		Set At: 3,875.0		MD 3,077.5		TVD		Liner Top At: 1,344.3		MD 1,203.0		TVD																	
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:		Gel: /															
WL API: HTHP:		FC API: HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:															
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out											
18		M333		152.4		SMITH		JS1647		3-14.3 / - / - / - / -		481.9		3,876.0															
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
M50 PX		0.0		0.0		/		/																				0.00	
						/		/																					
Total Length of BHA: 92.66																BHA Description: BIT (SMITH M50PX), 7/8 3.8 STAGE MOTOR SET AT 1.50 DEG, NM FLOAT SUB, NM UBHO													
SUB, 3 121MM FLEX MONELS, 6 HWDP																													
										Hrs On Jars:			Hours Since Last Inspection:																
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
18		/ /		/ /		/ /				0.00		0.00		0.00		0.00		0.00		0.0		0							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
0.75		0		01 - 05		POH, STAND BACK 89MM PIPE																							
2.50		45		01 - 56		MAKE UP POLISH MILL ASSEMBLY W/ SCRAPER, RIH																							
0.25		315		01 - 56		POLISH PBR																							
3.00		330		01 - 56		CIRC, STRIP MUD, WAIT ON LINER TOP PACKER																							
2.50		630		01 - 56		POH W/ POLISH MILL																							
0.25		900		01 - 21		RIG SERVICE FT SHEAR RAMS																							
1.00		915		01 - 56		MU LINER TOP PACKER																							
3.50		1015		01 - 56		RIH W/ SMITH TOOL LINER TOP PACKER																							
1.25		1345		01 - 56		STING INTO PBR, TEST BACKSIDE TO 4000KPA. SET PACKER, RELEASE. PACKER HAS 3.05M PBR. TOP @ 1338.55M																							
2.50		1500		01 - 56		POH																							
1.75		1730		01 - 05		SHALLOW TEST MWD, MU BIT#18, BHA AS SHOWN																							
0.75		1915		01 - 05		RIH																							
0.25		2000		01 - 62		SAFETY MEETING																							
3.75		2015		01 - 05		RIH. NO CEMENT INSIDE TOP OF LINER																							
Safety: MEETING TOPICS: TRIPPING, M/U BHA																													
24 Hr Summary: POLISH PBR, RUN LINER TOP PACKER, RIH BHA																													
Projected Opn: RIH, DISPLACE MUD SYSTEM, PRESSURE TEST, DRILL OUT, PERFORM FIT																													
Remarks: CONTRACTOR HRS TODAY 204 TOTAL THIS MONTH = 604																													
WATER HAULED TODAY = 30 M3 TOTAL HAULED = 2205 M3																													
0600 OPERATION - DISPLACE INVERT TO POLYMER MUD																													
Daily Mud Cost: 525		Daily Tangible Cost: 0		Daily Well Cost: 69,187		Incidents: NO INCIDENT REPORTED																							
Cum Mud Cost: 345,780		Cum Tangible Cost: 499,473		Cum Well Cost: 7,137,630		Total Appr: 11,377,106																							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: BRYSON/SPEARS																							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0																							
API No:		AFE No: RWN-C-R3005-400		Date: 02-JUN-2004		Page: 1 Of 1																							

Measured Depth: 3,876.0		TVD: 3,085.4		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 87		DFS: 63		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 584.3																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 0		EMW		Leakoff?																	
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 0.0		Depth Worst Wear:		% Remaining:																							
Liner Size: 177.8		Set At: 3,875.0		MD 3,077.5		TVD		Liner Top At: 1,344.3		MD 1,203.0		TVD																	
Mud Co: MARQUIS DRILLING FLD		Type: MINERAL OIL BASED		Sample From:		Wt: 1250		FV: 133		PV: 25		YP: 10.5		Gel: 8 / 15															
WL API: 0.0		HTHP: 21.0		FC API: 0.0		HTHP: 3.0		Solids: 15.00		% Oil: 75.00		% Water: 25.00		% Sand: 0.00		MBT: 0.0		Ph:											
Pm: 0.00		PF/MF: 0.00 / 0.00		Carb: 0		Cl: 28,000		Ca: 15,000		Bent: 0.0		Solids %HG/LG: 0.00 / 0.00		%DS/Bent: 0.0 /															
1.0 0.0N/AMUD ENGR																													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out											
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:																		BHA Description:											
Hrs On Jars:																		Hours Since Last Inspection:											
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
8.00		0		01 - 07		PICK UP 89MM DRILL STRING, STAND IN DERRICK																							
0.25		800		01 - 62		PRE TOUR SAFETY MEETING																							
0.50		815		01 - 07		RIG OUT LD MACHINE																							
1.00		845		01 - 07		POH RACK BACK REMAINING 89MM DP																							
0.50		945		01 - 05		RIG TO RUN 127MM.																							
1.50		1015		01 - 05		MU 222MM BIT, 3 JTS HWDP, RIH TO 1150M																							
3.25		1145		01 - 15		CLEAN TO LINER TOP @ 1.1M3/MIN, 30 RPM. EVIDENCE OF CEMENT IN RETURNS, BUT TAKES NO WEIGHT.																							
7.50		1500		01 - 01		CIRC, STRIP OEM F/ 1260KG/M3 TO 1140 KG/M3 AND TRANSFER																							
1.50		2230		01 - 56		POH TO RUN POLISH MILL ASSEMBLY																							
Safety: MEETING TOPICS: PICKING UP DP, HOUSEKEEPING																													
24 Hr Summary: PICK UP 89MM DRILL STRING, CLEAN TO LINER TOP, STRIP MUD WHILE WAITING ON LINER TOP PACKER																													
Projected Oprn: POLISH PBR, RUN & SET PACKER, RIH TO DRILL OUT																													
Remarks: CONTRACTOR HRS TODAY 276 TOTAL THIS MONTH =276																													
WATER HAULED TODAY = 30 M3 TOTAL HAULED = 2175 M3																													
0600 OPERATION - POH W/ POLISH MILL ASSEMBLY																													
Daily Mud Cost: 525		Daily Tangible Cost: 211,900		Daily Well Cost: 272,428		Incidents: NO INCIDENT REPORTED																							
Cum Mud Cost: 345,255		Cum Tangible Cost: 499,473		Cum Well Cost: 7,068,443		Total Appr: 11,377,106																							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: BRYSON/SPEARS																							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0																							
API No:		AFE No: RWNCR-R3005-400		Date: 01-JUN-2004		Page: 1 Of 1																							

Measured Depth: 3,876.0		TVD: 3,085.4		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 86		DFS: 62		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 584.3																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 1530		EMW		Leakoff? N																	
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 0.0		Depth Worst Wear:		% Remaining:																							
Liner Size: 177.8		Set At: 3,875.0		MD 3,077.5		TVD		Liner Top At: 1,344.3		MD 1,203.0		TVD																	
Mud Co: MARQUIS DRILLING FLD		Type: MINERAL OIL BASED		Sample From:		Wt: 0		FV: 0		FV: 0		YP: 0.0		Gel: 0 / 0															
WL API: 0.0		HHP: 0.0		FC API: 0.0		HHP: 0.0		Solids: 0.00		% Oil: 0.00		% Water: 0.00		% Sand: 0.00		MBT: 0.0		Ph:											
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 0		Ca: 0		Bent: 0.0		Solids %HG/LG: 0.00 / 0.00		%DS/Bent: 0.0 /															
1.0 0.0N/AMUD ENGR																													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out											
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:																		BHA Description:											
Hrs On Jars:																		Hours Since Last Inspection:											
Bit Num		Liner		Stroke		SPM		Press.		MB/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
1.00T		0		01 - 14		PRESSURE TEST BOPE. ANNULAR FAILED HIGH TEST. ARRANGE TRANSPORTATION FOR NEW ELEMENT AND SHAFFER REP F/ EDMONTON.																							
7.00T		100		01 - 14		PRESSURE TEST REMAINING BOPE. P TEST UPPER PIPE RAMS (127MM), SHEAR RAMS, HCR, UPPER CHOKE AND KILL LINE VALVES, MANIFOLD VALVES, HYD AND MANUAL CHOKE TO 1400 KPA LOW AND 21000 HIGH. ALL OK. RUN IN CUP TESTER ON 89 MM DP.																							
						TEST LOWER PIPE RAM(89MM), LOWER KILL AND CHOKE LINE VALVES TO 1400 KPA LOW AND 21000 KPA HIGH. TEST 127/89MM																							
						STABBING VALVES, INSIDE BOPS TO 1400 KPA AND 21000 KPA. ALL TESTS W/ WATER. ALL TESTS GOOD																							
0.25T		800		01 - 62		SAFETY MEETING RE PICKING UP PIPE																							
7.75T		815		01 - 07		RIH PICKING UP 135 JTS OF 89MM PIPE, POH AND STAND BACK WHILE WAITING ON ANNULAR ELEMENT																							
0.75		1600		01 - 07		RIG OUT LD MACHINE																							
0.25		1645		01 - 14		SAFETY MEETING RE: CHANGING ANNULAR ELEMENT																							
3.00T		1700		01 - 14		RIG OUT FLOW NIPPLE, CHANGE ANNULAR ELEMENT, RIG UP FLOW NIPPLE																							
1.25		2000		01 - 14		SET TEST PLUG, PRESSURE TEST ANNULAR TO 1400/17000 KPA - OK.																							
0.75		2115		01 - 14		SET NEW WEAR BUSHING																							
2.00		2200		01 - 07		RIG IN LD MACHINE TO PICK UP REMAINING 89MM DP. MEASURE AND PICK UP SAME																							
Safety: MEETING TOPICS: PRESSURE TESTING, CHANGE OUT ANNULAR ELEMENT, UNLOADING TUBING																													
24 Hr Summary: p TEST BOPE. BAG FAILED. PICK UP 89MM DP AND STAND BACK. CHANGE ANNULAR ELEMENT AND P TEST. PICK UP PIPE.																													
Projected Opn: PICK UP REMAINING 89MM DP. DRILL OUT TO LINER TOP. RIH TO CLEAN OUT LINER.																													
Remarks: CONTRACTOR HRS TODAY 276 TOTAL THIS MONTH = 7920																													
WATER HAULED TODAY = 45 M3 TOTAL HAULED = 2145 M3																													
0600 OPERATION - PICKING UP DP																													
Daily Mud Cost: 525		Daily Tangible Cost:		Daily Well Cost: 113,278		Incidents: NO INCIDENT REPORTED																							
Cum Mud Cost: 344,730		Cum Tangible Cost: 287,573		Cum Well Cost: 6,796,015		Total Appr: 11,377,106																							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: BRYSON/SPEARS																							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0																							
API No:		AFE No: RWMNC-R3005-400		Date: 31-MAY-2004		Page: 1 Of 1																							

Measured Depth: 3,876.0		TVD: 3,085.4		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																			
DOL: 85		DFS: 61		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 584.3																	
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:											
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 1530		EMW		Leakoff? N															
Cum Rot Hrs On Casing: 236.0		Cum Rot Hrs On Casing Since Last Caliper: 236.0		Depth Worst Wear:		% Remaining:																					
Liner Size: 177.8		Set At: 3,875.0		MD 3,077.5		TVD		Liner Top At: 1,344.3		MD 1,203.0		TVD															
Mud Co:		Type:		Sample From:		Wt:		FV:		FV:		YP:		Gel: /													
WL API: HTHP:		FC API: HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:													
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																	
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																	
										- / - / - / - / -																	
Type		Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
				/		/																					
				/		/																					
Total Length of BHA:				BHA Description:																							
										Hrs On Jars:			Hours Since Last Inspection:														
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW					
		/ /		/ /		/ /																					
		/ /		/ /		/ /																					
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS											
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0											
4.00T		0		01 - 09		HOLD 2500KPA BACK PRESSURE ON CEMENT																					
1.00T		400		01 - 01		FLOW CHECK, CIRCULATE BOTTOMS UP																					
0.75T		500		01 - 05		POH 11 STANDS 127MM SS105, STAND IN DERRICK																					
0.25T		545		01 - 62		SAFETY MEETING RE: LD DRILL PIPE																					
3.00T		600		01 - 07		LD 127MM DP																					
2.50T		900		01 - 07		RIH TO 1150M, CIRC BOTTOMS UP.																					
3.50T		1130		01 - 07		LD 127MM DP																					
3.25T		1500		01 - 07		RIH DP, POH LAYING DOWN																					
0.75T		1815		01 - 07		RIG OUT LAYDOWN POST																					
1.00T		1900		01 - 13		MU 229MM SPEAR W/ 244.5MM STOP AND RETRIEVE DAMAGED WEAR BUSHING																					
2.00T		2000		01 - 13		INSTALL TEST PLUG AND CHANGE TOP RAMS TO 127MM, BOTTOM RAMS TO 89MM																					
2.00T		2200		01 - 14		RIG IN PRESSURE TESTER AND TEST BOPE																					
Safety: MEETING TOPICS: LD DRILL PIPE, CHANGING RAMS, P TEST																											
24 Hr Summary: LD DRILL PIPE, CHANGE RAMS, P TEST																											
Projected Opn: P TEST, PU 89MM DRILL STRING, CLEAN TO TOL																											
Remarks:																											
CONTRACTOR HRS TODAY 276 TOTAL THIS MONTH = 7920																											
WATER HAULED TODAY = 45 M3 TOTAL HAULED = 2145 M3																											
0600 OPERATION - PICKING UP DP																											
Daily Mud Cost: 3,749		Daily Tangible Cost:				Daily Well Cost: 58,352				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 344,205		Cum Tangible Cost: 287,573				Cum Well Cost: 6,682,737				Total Appr: 11,377,106																	
Drill Water:		Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: BRYSON/SPEARS															
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0															
API No:				AFE No: RWMNC-R3005-400				Date: 30-MAY-2004				Page: 1 Of 1															

Measured Depth: 3,876.0		TVD: 3,085.4		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 84		DFS: 60		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 584.3																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /											
WL API:		HTHP:		FC API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
				-		BASED ON GAUGE HOLE+60% EXCESS. ALL MIXED AND DISPLACED @.75M3/MIN. CIP@1630H																							
0.25		1630		01 - 09		BACK OUT RUNNING TOOL, RIG OUT CEMENTERS.																							
1.25		1645		01 - 09		POH 6 STANDS DP TO 1170M																							
0.75		1800		01 - 09		CIRCULATE BOTTOMS UP. EVIDENCE OF PREFLUSH (1000KG/M3) 5M3 BEFORE BOTTOMS UP.																							
0.25		1845		01 - 21		RIG SERVICE																							
5.00		1900		01 - 09		CIRC THROUGH CHOKE @ .4M3 MIN, HOLD 2500 KPA BACK PRESSURE.																							
				-																									
				-																									
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				-																									
Safety:																													
24 Hr Summary:																													
Projected Oprn:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: BRYSON/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWMNC-R3005-400				Date: 29-MAY-2004				Page: 2 Of 2													

Metric **Drilling Activity Report**

Measured Depth: 3,876.0		TVD: 3,085.4		PBD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																			
DOL: 84		DFS: 60		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 584.3																	
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:											
Last Casing Size: 244.5				Set At: 1,510.0 MD 1,340.0 TVD				Shoe Test: 1530 FMW				Leakoff? N															
Cum Rot Hrs On Casing: 236.0				Cum Rot Hrs On Casing Since Last Caliper: 236.0				Depth Worst Wear:				% Remaining:															
Liner Size: 177.8				Set At: 3,875.0 MD 3,077.5 TVD				Liner Top At: 1,344.3 MD 1,203.0 TVD																			
Mud Co: MARQUIS DRILLING FLD				Type: MINERAL OIL BASED				Sample From:		Wt: 1305		FV: 76		FV: 21		YP: 8.6		Gel: 7 / 12									
WL API: 0.0				HIHP: 20.0				FC API: 0.0		HIHP: 0.0		Solids: 0.00		% Oil: 80.00		% Water: 20.00		% Sand: 0.00		MBT: 0.0		Ph:					
Pm: 0.00		P/Mf: 0.00 / 0.00		Carb: 0		Cl: 27,500		Ca: 11,400		Bent: 0.0		Solids %HG/LG: 0.00 / 0.00		%DS/Bent: 0.0 /													
33.0		0.0N/ASAWDUST		1.0		0.0N/AMUD ENGR		168.0		0.0N/ACAL CARB		1.0		205.0LTR/IN/IDRL EMUL 6.0		205.0LTR/IN/IDRL OW											
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																	
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																	
										- / - / - / - / -																	
Type		Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
				/		/																					
				/		/																					
Total Length of BHA:		BHA Description:																									
												Hrs On Jars:				Hours Since Last Inspection:											
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW					
		/ /		/ /		/ /																					
		/ /		/ /		/ /																					
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS											
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight												Total Hours Reported: 24.0									
1.00T		0		01 - 44		FISH OUT LINER WIPER PLUG F/ TOP JOINT OF CASING																					
0.50T		100		01 - 44		PICK UP SMITH MECHANICAL SET LINER HANGER MODEL RPSM.																					
0.50T		130		01 - 44		RIG OUT POWER TONGS, PRE JOB SAFETY MEETING																					
5.00		200		01 - 08		RIH W/ LINER ON DRILL PIPE. TOP FILL EVERY 5 STANDS - MONITOR DISPLACEMENT																					
2.75		700		01 - 01		CIRCULATE CASING F/ 3850M - 3876M. CIRC THROUGH CHOKE AFTER 75% BOTTOMS UP. BURN OFF TRIP GAS. OPEN CHOKE -																					
				-		WELL DEAD.																					
1.25		945		01 - 08		SET LINER HANGER, VERIFY BACKED OUT.																					
0.00				01 - 99		LINER DETAILS. RUN 25 JTS(327.41M) OF 177.8MM 43.2KG/M L-80 HYDRIL SLX, 165JTS(2204.27M)OF 177.8MM 38.7KG/M L-																					
				-		80 HYDRIL SLX CASING. LANDED @3875M. FLOAT COLLAR @ 3860.88M, LANDING COLLAR @ 3847.59M, TOP OF LINER HANGER																					
				-		PBR @ 1343.32M																					
0.25		1100		01 - 62		SAFETY/OPERATIONS MEETING RE CEMENTING																					
0.50		1115		01 - 09		RIG TO CEMENT W/ SANJEL																					
4.75		1145		01 - 09		CEMENT W/ SANJEL AS FOLLOWS: PUMP 3M3 BASE OIL+2% OILSPERSE G, 3M3 SPACER. P TEST SURFACE LINES TO 28MPA. PUMP																					
				-		42 M3(29T) OF LW-14 CEMENT+ 1.1% HIR, 2% FWCA MIXED AT AVG 1440 KG/M3. FOLLOW W/ 9.6M3 (12.8T) OF THERMAL 40+1%																					
				-		CFR,1.1%CFCL2+2.1%HIR. DROP DP DART, DISPLACE W/ 65M3 OEM W/ RIG PUMP. BUMP PLUG W/ 12MPA. FLOATS HELD. VOLUMES																					
Safety: MEETING TOPICS: CEMENTING.																											
24 Hr Summary																											

Measured Depth: 3,876.0		TVD: 3,085.4		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																			
DOL: 89		DFS: 59		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 584.3																	
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:											
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 1530		EMW		Leakoff? N															
Cum Rot Hrs On Casing: 236.0		Cum Rot Hrs On Casing Since Last Caliper: 236.0		Depth Worst Wear:		% Remaining:																					
Liner Size: 177.8		Set At: 3,875.0		MD 3,077.5		TVD		Liner Top At: 1,344.3		MD 1,203.0		TVD															
Mud Co: MARQUIS DRILLING FLD		Type: MINERAL OIL BASED		Sample From:		Wt: 0		FV: 0		PV: 0		YP: 0.0		Gel: 0 / 0													
WL API: 0.0		HIHP: 0.0		FC API: 0.0		HIHP: 0.0		Solids: 0.00		% Oil: 0.00		% Water: 0.00		% Sand: 0.00		MBT: 0.0		Ph:									
Pm: 0.00		PF/MF: 0.00 / 0.00		Carb: 0		Cl: 0		Ca: 0		Bent: 0.0		Solids %HG/LG: 0.00 / 0.00		%DS/Bent: 0.0 /													
1.0 0.0N/AMUD ENGR 4.0 205.0LTR INIDRL EMUL																											
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																	
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																	
										- / - / - / - / -																	
Type		Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
				/		/																					
				/		/																					
Total Length of BHA: BHA Description:																											
Hrs On Jars:										Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW					
		/ /		/ /		/ /																					
		/ /		/ /		/ /																					
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS											
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0											
0.50T		0		01 - 44		POH TO HANGER, REMOVE SLIPS, RIH 1 STAND DP																					
22.75T		30		01 - 44		CIRC @ .7M3 MIN, RECIPROCATATE CASING. WAIT ON NEW LINER HANGER																					
0.75T		2315		01 - 44		PULL OUT EXISTING HANGER AND REMOVE																					
				-																							
				-																							
				-																							
				-																							
				-																							
				-																							
				-																							
				-																							
				-																							
				-																							
				-																							
Safety: MEETING TOPICS: HOUSEKEEPING, INVERT TRANSFER, H2S SAFETY																											
24 Hr Summary: WAIT ON NEW LINER HANGER WHILE CIRC @ .7M3/MINUTE. WORK LINER @ 2500M.																											
Projected Oprn: RIH LINER TO BOTTOM, SET HANGER, CEMENT, RELEASE. POH.																											
Remarks: CONTRACTOR HRS TODAY 480 TOTAL THIS MONTH = 7032																											
WATER HAULED TODAY = 15 M3 TOTAL HAULED = 2070 M3																											
0600 OPERATION - RUNNING IN W/ 178MM LINER																											
Daily Mud Cost: 3,749		Daily Tangible Cost:		Daily Well Cost: 67,952		Incidents: NO INCIDENT REPORTED																					
Cum Mud Cost: 336,707		Cum Tangible Cost: 287,573		Cum Well Cost: 6,303,534		Total Appr: 11,377,106																					
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																	
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: BRYSON/SPEARS																					
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0																					
API No:		AFE No: RWN-C-3005-400		Date: 28-MAY-2004		Page: 1 Of 1																					

Measured Depth:	3,876.0	TVD:	3,085.4	PBTD:	0.0	Proposed MD:	4,722.0	Proposed TVD:	3,236.0																										
DOL:	82	DFS:	58	Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs:	584.3																								
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas:	0.0 / 0.0	Bar:	0	POB:																			
Last Casing Size:	244.5	Set At:	1,510.0	MD	1,340.0	TVD		Shoe Test:	1530	EMW		Leakoff?	N																						
Cum Rot Hrs On Casing:	236.0	Cum Rot Hrs On Casing Since Last Caliper:	236.0	Depth Worst Wear:		% Remaining:																													
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD																							
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:		Gel:	/																				
WL	API:	HTHP:	FC	API:	HTHP:	Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:																			
Pm:		Pf/Mf:	/	Carb:		Cl:		Ca:		Bent:		Solids %HG/LG:	/	%DS/Bent:	/																				
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																									
Bit Number	IADC	Size	Manufacturer	Serial number	Jets (Quantity - Size)				TFA	MD In	MD Out	TVD Out																							
					- / - / - / - / -																														
					- / - / - / - / -																														
Type		Hours	WOB	RPM	Motor RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/m																					
			/	/																															
			/	/																															
Total Length of BHA: BHA Description:																																			
										Hrs On Jars:	Hours Since Last Inspection:																								
Bit Num	Liner		Stroke		SPM	Press.	M3/Min	Jet Vel	DP Av	DC Av	Bit kW	BHHP/SQIN	Pump kW																						
	/ /		/ /		/ /																														
	/ /		/ /		/ /																														
Survey MD	Angle	Azimuth	Direction	TVD	N/S Coordinates		E/W Coordinates		Vertical Section		DLS																								
Hours	From	Act-Cat	Operations Covering 24 Hours Ending at Midnight								Total Hours Reported: 24.0																								
8.00	0	01 - 08	RUN 178MM CASING																																
0.50	800	01 - 62	SAFETY/OPERATIONS MEETING RE: RUNNING CASING																																
7.50	830	01 - 08	RUN 178MM CASING																																
0.25	1600	01 - 62	SAFETY MEETING																																
1.00	1615	01 - 08	RIG OUT LD MACHINE, ELEVATORS, FILL TOOL, BAILS.																																
0.75	1715	01 - 08	PICK UP LINER HANGER																																
1.00	1800	01 - 08	RIH W/ DRILL PIPE TO 2843M																																
1.50	1900	01 - 01	CIRC BTMS UP TO EVALUATE GAS. MAX PRESSURE 6100 KPA. CIRC RATE .75M3/MIN. NO SIGNIFICANT GTS.																																
3.50	2030	01 - 08	UNABLE TO MOVE DOWN, PIPE FREE UP, BUT IMMEDIATELY TAKES WEIGHT DOWN. HANGER SETTING. POH DP TO EXAMINE/REPLACE																																
		-	LINER HANGER.																																
		-																																	
		-																																	
		-																																	
		-																																	
		-																																	
Safety: MEETING TOPICS: RUNNING CASING. RIGGING OUT CASING HANDLING EQUIP																																			
24 Hr Summary: RUN 178MM LINER TO 2843M, CIRC BTMS UP, UNABLE TO PROCEED DUE TO PREMATURE SET ON HANGER. POH TO HANGER.																																			
Projected Opn: WAIT ON NEW LINER HANGER F/ EDMONTON. EXPECTED @ 1600H. CIRC, WORK CASING.																																			
Remarks:																																			
CONTRACTOR HRS TODAY 576 TOTAL THIS MONTH = 6552																																			
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 2055 M3																																			
06:00: CIRC, WORK CASING, WAIT ON LINER HANGER																																			
Daily Mud Cost:		0		Daily Tangible Cost:				Daily Well Cost:				85,044				Incidents:				NO INCIDENT REPORTED															
Cum Mud Cost:		332,958		Cum Tangible Cost:				287,573				Cum Well Cost:				6,235,582				Total Appr:				11,377,106											
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:				Blended:															
Country:				CANADA				Rig:				AKITA RIG #48				Rig Phone:				403 699 2884				Drilling Rep:				BRYSON/PERRY/SPEARS							
Field:				FT. LIARD				Lease:				CHEVRON ET AL LIARD 2M-25				Well No:								Well ID:				CR0086 -0							
								API No:								AFE No:				RWNMC-R3005-400				Date:				27-MAY-2004				Page: 1 Of 1			

CHEVRONTEXACO

Metric Drilling Activity Report

Measured Depth:	3,876.0	TVD:	3,085.4	FBTD:	0.0	Proposed MD:	4,722.0	Proposed TVD:	3,236.0											
DOL:	81	DFS:	57	Spud Date:		Daily Footage:	0.0	Daily Rot Hrs:	0.0	Total Rot Hrs:	584.3									
Torq:	0	Drag:	70.0	Rot Wgt:	115.0	P/U Wgt:	185.0	Slack Off Wgt:	80.0	Wind:		Seas:	0.0 / 0.0	Bar:	0	POB:				
Last Casing Size:	244.5	Set At:	1,510.0	MD	1,340.0	TVD		Shoe Test:	1530	EMW		Leakoff?	N							
Cum Rot Hrs On Casing:	236.0	Cum Rot Hrs On Casing Since Last Caliper:	236.0	Depth Worst Wear:		% Remaining:														
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD								
Mud Co:	MARQUIS DRILLING FLD	Type:	MINERAL OIL BASED	Sample From:		Wt:	1295	FV:	61	PV:	24	YP:	8.1	Gel:	8 / 12					
WL	API: 0.0	HIHP:	19.1	FC	API: 0.0	HIHP:	3.0	Solids:	0.17	% Oil:	66.50	% Water:	15.50	% Sand:	0.00	MBT:	0.0	Ph:		
Pm:	0.00	Pf/Mf:	0.00 / 0.00	Carb:	0	Cl:	28,500	Ca:	11,400	Bent:	0.0	Solids %HG/LG:	0.08 / 0.09	%DS/Bent:	0.0 /					
40.0	0.0N/AGLASS BEADS 1.0	0.0N/AMUD ENGR																		
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:	800	Trip Cl:		Remarks:										
Bit Number	IADC	Size	Manufacturer	Serial number	Jets (Quantity - Size)	TFA	MD In	MD Out	TVD Out											
17	527	222.2	SMITH	MR4549	3-12.7/ - / - / - / -	380.0	3,818.0	3,876.0	3,085.4											
					- / - / - / - / -															
Type		Hours	WOB	RPM	Motor RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/m						
FI280DVPS	58.0	13.8	0.0/0.0	0 /	0									1609.91						
			/	/																
Total Length of BHA:	48.02	BHA Description:	BIT (SMITH FI0DVPS), 7/8 5 STANGE MOTOR SET AT 1.83 DEG, NM FLOAT SUB, NM UBHO SUB, 3 FLEX MONELS, X/O, JARS.																	
						Hrs On Jars:	26.5	Hours Since Last Inspection:												
Bit Num	Liner	Stroke	SFM	Press.	M3/Min	Jet Vel	DP Av	DC Av	Bit kW	BHHP/SQIN	Pump kW									
17	152 / 152 / 0	/ /	/ /	0	0.00	0.00	0.00	0.00	0.00	0.0	0									
	/ /	/ /	/ /																	
Survey MD	Angle	Azimuth	Direction	TVD	N/S Coordinates	E/W Coordinates	Vertical Section	DLS												
Hours	From	Act-Cat	Operations Covering 24 Hours Ending at Midnight							Total Hours Reported: 24.0										
3.25	0	01 - 04	WASH F/ 3700M T/ 3876M. MONITOR AND CIRCULATE TRIP GAS WHILE REAMING.																	
1.75	315	01 - 01	CIRCULATE BOTTOMS UP. MIX 40 SXS GLASS BEADS OVER 80 MINUTES PRIOR TO POOH.																	
0.25	500	01 - 21	RIG SERVICE. FUNCTION UPPER PIPE RAMS F/ REMOTE CHOKE. 6 SECONDS CLOSE/OPEN.																	
7.75	515	01 - 05	PUMP FIVE STANDS OUT. PUMP PILL AND POOH.																	
1.25	1300	01 - 07	LAY OUT 1 STAND DP, JARS AND MUD MOTOR. RACK FLEX MONELS.																	
0.25	1415	01 - 62	SAFETY MEETING WITH FI CANADA AND AKITA ON RIGGING UP TO RUN CASING.																	
2.00	1430	01 - 13	CHANGE OUT UPPER PIPE RAMS TO CASING RAMS. CONTINUE TO RIG UP TO RUN CASING ON FLOOR.																	
0.75	1630	01 - 14	PRESSURE TEST CASING RAMS WITH MUD PUMPS TO 10000 KPA.																	
2.75	1715	01 - 08	CONTINUE RIGGING UP TO RUN CASING WITH FI CANADA.																	
0.25	2000	01 - 62	SAFETY MEETING WITH FI CANADA AND AKITA ON RUNNING CASING.																	
0.25	2015	01 - 21	RIG SERVICE. FUNCTION BLIND RAMS. 6 SECONDS CLOSE/OPEN.																	
3.50	2030	01 - 08	START TO RUN CASING. P/U AND M/U FLOAT SHOE, SHOE JOINT, FLOAT COLLAR, JOINT, LANDING COLLAR. TORQUE TO 11000																	
		-	NM AND THREAD LOCK EACH CONNECTION. RUN 13 JOINTS OF 177.8 MM, 43.16 KG/M, L80 CASING. CLEAN AND DOPE EACH																	
		-	THREAD AND TORQUE TO 9600 NM.																	
		-																		
Safety: MEETING TOPICS: RIG TO RUN CASING, RUNNING CASING. JSA: A-40, A-23, A-35.																				
24 Hr Summary: COMPLETE WIPER TRIP. CIRCULATE BOTTOMS UP/TRIP GAS. POOH AND L/D DIRECTIONALLY TOOLS. INSTALL AND TEST CASING																				
Projected Opn: CONTINUE RUNNING CASING. RUN CASING ON DP AND SET LINER HANGER. CEMENT CASING.																				
Remarks: CONTRACTOR HRS TODAY 576 TOTAL THIS MONTH = 5976																				
WATER HAULED TODAY = 30 M3 TOTAL HAULED = 2055 M3																				
06:00: RUNNING CASING (87 JOINTS OF 190).																				
Daily Mud Cost:	9,525	Daily Tangible Cost:		Daily Well Cost:	80,669	Incidents:	NO INCIDENT REPORTED													
Cum Mud Cost:	332,958	Cum Tangible Cost:	287,573	Cum Well Cost:	6,150,538	Total Appr:	11,377,106													
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:	Blended:											
Country:	CANADA	Rig:	AKITA RIG #48	Rig Phone:	403 699 2884	Drilling Rep:	BRYSON/PERRY													
Field:	FT. LIARD	Lease:	CHEVRON ET AL LIARD 2M-25	Well No:		Well ID:	CR0086	-0												
		API No:		AFE No:	RWMNC-R3005-400	Date:	26-MAY-2004	Page: 1 Of 1												

Measured Depth: 3,876.0		TVD: 3,085.4		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 80		DFS: 56		Spud Date:		Daily Footage: 58.0		Daily Rot Hrs: 13.8		Total Rot Hrs: 584.3																			
Torq: 0		Drag: 70.0		Rot Wgt: 115.0		P/U Wgt: 185.0		Slack Off Wgt: 80.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 244.5				Set At: 1,510.0				MD 1,340.0		TVD		Shoe Test: 1530		EMW		Leakoff? N													
Cum Rot Hrs On Casing: 231.0				Cum Rot Hrs On Casing Since Last Caliper: 231.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: MINERAL OIL BASED				Sample From:		Wt: 1295		FV: 61		PV: 24		YP: 8.1		Gel: 8 / 12											
WL API: 0.0		HIHP: 19.1		FC API: 0.0		HIHP: 3.0		Solids: 0.17		% Oil: 66.50		% Water: 15.50		% Sand: 0.00		MBT: 0.0		Ph:											
Pm: 0.00		PF/Mf: 0.00 / 0.00		Carb: 0		Cl: 28,500		Ca: 11,400		Bent: 0.0		Solids %HG/LG: 0.08 / 0.09		%DS/Bent: 0.0 /															
396.0		0.0N/ABARITE		26.0		0.0N/ALIME		1.0		0.0N/AMUD ENGR		168.0		0.0N/ACAL CARB		6.0		0.0N/ACA CHLOR											
3.0		0.0N/ABENTONE 38		1.0		205.0L/TR INIDRL EMUL		7.0		20.0L/TR INIDRL OW																			
Drlg Gas: 650		Max Gas: 760		Conn Gas: 810		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
17		527		222.2		SMITH		MR4549		3-12.7/ - / - / - / -				380.0		3,818.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
FI280DVPS		58.0		13.8		20.0/65.0		20 /		90																		1609.91	
						/		/																					
Total Length of BHA: 48.02				BHA Description: BIT (SMITH FI0DVPS), 7/8 5 STANGE MOTOR SET AT 1.83 DEG, NM FLOAT SUB, NM																									
UBHO SUB, 3 FLEX MONELS, X/O, JARS.																													
										Hrs On Jars: 21.5		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SEM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
17		152 / 152 / 0		/ /		102/ /		14000		1.36		60.08		52.33		87.90		58.70		1.0		2950							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
3,836.7		64.55		359.57		N0.43W		3,062.9						2018.70		5.88													
3,846.6		66.70		359.42		N0.58W		3,067.0						2027.72		6.53													
3,854.7		68.28		359.17		N0.83W		3,070.1						2035.20		5.92													
3,860.6		68.95		359.39		N0.61W		3,072.3						2040.69		3.56													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
0.75		0		01 - 01		CIRCULATE TRIP GAS.																							
6.50		45		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3818M T/ 3848M. SLIDE 67%. AROP = 4.62 M/HR.																							
0.50		715		01 - 06		MWD SURVEYS.																							
0.25		745		01 - 21		RIG SERVICE. FUNCTION HCR FROM REMOTE CONTROL. 2 SECONDS OPEN/CLOSE.																							
6.25		800		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3848M T/ 3870M. SLIDE 45%. AROP = 3.52 M/HR.																							
0.25		1415		01 - 06		MWD SURVEYS.																							
0.25		1430		01 - 21		RIG SERVICE.																							
2.00		1445		01 - 01		CIRCULATE BOTTOM HOLE SAMPLE.																							
1.00		1645		01 - 02		DRILL 222MM HOLE F/ 3870M T/ 3876M. AROP = 6 M/HR.																							
2.25		1745		01 - 01		CIRCULATE BOTTOM HOLE SAMPLE.																							
0.25		2000		01 - 62		SAFETY MEETING WITH CREW ON H2S SAFETY.																							
0.25		2015		01 - 01		CIRCULATE AND CONDITION MUD PRIOR TO WIPER TRIP.																							
0.25		2030		01 - 06		MWD SURVEY.																							
3.25		2045		01 - 05		10 STAND WIPER TRIP TO 3620M. MONITOR WELL STATIC FOR 1 HOUR. REAM EACH STAND TWICE F/ 3620M T/ 3700M.																							
Safety: MEETING TOPICS: MIXING MUD, H2S. JSA: B-8, B-26, C-16, D-5, D-6, B-15, A-76, A-17.																													
24 Hr Summary: DRILL 222MM HOLE F/ 3818M T/ 3876M. PICK NAHANNI TOP AND TD @ 3876M. CONDUCT 10 STAND WIPER TRIP.																													
Projected Oprn: POOH TO RUN LINER.																													
Remarks:																													
CONTRACTOR HRS TODAY 348 TOTAL THIS MONTH = 5400																													
WATER HAULED TODAY = 30 M3 TOTAL HAULED = 2025 M3																													
06:00: PUMPING PILL PRIOR TO POOH.																													
Daily Mud Cost: 10,120				Daily Tangible Cost:				Daily Well Cost: 69,018				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 323,433				Cum Tangible Cost: 287,573				Cum Well Cost: 6,069,869				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: BRYSON/PERRY																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWNK-R3005-400				Date: 25-MAY-2004				Page: 1 Of 1													

Measured Depth: 3,818.0		TVD: 3,060.3		PBD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																			
DOL: 79		DFS: 55		Spud Date:		Daily Footage: 0.0		Daily Rot Hrs: 0.0		Total Rot Hrs: 570.5																	
Torq: 0		Drag: 75.0		Rot Wgt: 115.0		P/U Wgt: 190.0		Slack Off Wgt: 85.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 1530		EMW		Leakoff? N															
Cum Rot Hrs On Casing: 221.0		Cum Rot Hrs On Casing Since Last Caliper: 221.0		Depth Worst Wear:		% Remaining:																					
Liner Size:		Set At: MD		TVD		Liner Top At: MD		TVD																			
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:		Gel: /													
WL API: HIHP:		FC API: HIHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:													
Pm:		PF/MF: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /													
1.0 0.0N/AMUD ENGR																											
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas: 797		Trip Cl:		Remarks:																	
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out									
16		537		222.2		REED		L11334		3-11.9/ - / - / - / -		334.2		3,660.0		3,818.0		3,060.3									
17		527		222.2		SMITH		MR4549		3-12.7/ - / - / - / -		380.0		3,818.0													
Type		Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
TD53A		158.0		32.3		0.0/0.0		/																		763.45	
FI280DVPS		0.0		0.0		/		/																		0.00	
Total Length of BHA: 48.02		BHA Description: BIT (SMITH FI0DVPS), 7/8 5 STANGE MOTOR SET AT 1.83 DEG, NM FLOAT SUB, NM																									
UBHO SUB, 3 FLEX MONELS, X/O, JARS.																											
										Hrs On Jars: 11.5		Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW					
16		152 / 152 / 0		/ /		/ /		0		0.00		0.00		0.00		0.00		0.00		0.0		0					
17		152 / 152 /		/ /		/ /				0.00		0.00		0.00		0.00		0.00		0.0		0					
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS											
3,808.4		60.95		357.61		N2.39W		3,049.7						1993.68		5.68											
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0											
6.00		0		01 - 05		POOH.																					
1.75		600		01 - 07		BREAK BIT. L/D MOTOR. P/U AND M/U NEW MOTOR.																					
0.25		745		01 - 21		RIG SERVICE. FUNCTION BLIND RAMS FOR MAIN CONTIROL. 6 SECONDS CLOSE/OPEN.																					
0.75		800		01 - 07		RIH HOLE TO TEST TOOL. M/U NEW BIT.																					
0.50		845		01 - 21		CHANGE OUT AIR STRIPPER.																					
2.00		915		01 - 22		REPAIR COMPENSATOR RAM CLAMP ON TOPDRIVE.																					
1.75		1115		01 - 22		ATTEMPT TO RETRIEVE WEAR BUSHING FOR INSPECTION.																					
2.75		1300		01 - 05		RIH TO 1535M.																					
1.00		1545		01 - 21		SLIP AND CUT DRILL LINE.																					
4.25		1645		01 - 05		CONTINUE RIH TO 3771M. FILL PIPE EVERY 600M.																					
0.50		2100		01 - 04		WASH F/ 3771M T/ 1814M.																					
1.50		2130		01 - 23		CIRCULATE TRIP GAS THROUGH CHOKE (PRECAUTIONARY).																					
0.75		2300		01 - 01		CIRCULATE AND CONDITION MUD PRIOR TO DRILLING.																					
0.25		2345		01 - 21		RIG SERVICE. FUNCTION ANNULAR FROM REMOTE CONTROL. 22 SECONDS CLOSE/OPEN.																					
Safety: MEETING TOPICS: TUGGER USE, CLEANING SUB. JSA: A-28, A-26, A-6, A-73, A-24, A-18.																											
24 Hr Summary: POOH. M/U NEW BHA. RIH. CIRCULATE GAS THROUGH CHOKE. PREPARE TO DRILL AHEAD.																											
Projected Oprn: DRILL AND SURVEY AHEAD TO CASING POINT.																											
Remarks:																											
CONTRACTOR HRS TODAY 264 TOTAL THIS MONTH = 5052																											
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 1995 M3																											
06:00: DRILLING AHEAD AT 3842M.																											
Daily Mud Cost: 525		Daily Tangible Cost:				Daily Well Cost: 90,801				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 313,313		Cum Tangible Cost: 287,573				Cum Well Cost: 6,000,851				Total Appr: 11,377,106																	
Drill Water:		Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: BRYSON/PERRY															
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0															
				API No:				AFE No: RWN-C-R3005-400				Date: 24-MAY-2004				Page: 1 Of 1											

Measured Depth: 3,818.0		TVD: 3,060.3		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 78		DFS: 54		Spud Date:		Daily Footage: 64.0		Daily Rot Hrs: 12.5		Total Rot Hrs: 570.5																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /											
WL API:		HIHP:		FC API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:																		BHA Description:											
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
0.25		2345		01 - 21		RIG SERVICE. FUNCTION HCR FROM REMOTE. 2 SECONDS OPEN/CLOSE.																							
				-																									
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				-																									
				-																									
Safety:																													
24 Hr Summary:																													
Projected Oprn:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: BRYSON/PERRY																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWNK-R3005-400				Date: 23-MAY-2004				Page: 2 Of 2													

Measured Depth: 3,818.0		TVD: 3,060.3		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 78		DFS: 54		Spud Date:		Daily Footage: 64.0		Daily Rot Hrs: 12.5		Total Rot Hrs: 570.5																			
Torq: 18500		Drag: 85.0		Rot Wgt: 125.0		P/U Wgt: 210.0		Slack Off Wgt: 80.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 1530		EMW		Leakoff? N																	
Cum Rot Hrs On Casing: 220.5		Cum Rot Hrs On Casing Since Last Caliper: 220.5		Depth Worst Wear:		% Remaining:																							
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD																	
Mud Co: MARQUIS DRILLING FLD		Type: MINERAL OIL BASED		Sample From:		Wt: 1250		FV: 64		PV: 21		YP: 8.1		Gel: 7 / 11															
WL API: 0.0		HIHP: 20.6		FC API: 0.0		HTHP: 3.0		Solids: 0.16		% Oil: 68.00		% Water: 14.50		% Sand: 0.00		MBT: 0.0		Ph:											
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 29,000		Ca: 11,200		Bent: 0.0		Solids %HG/LG: 0.05 / 0.11		%DS/Bent: 0.0 /															
412.0 0.0N/ABARITE 1.0 0.0N/AMUD ENGR 1.0 205.0LTR INIDRL EMUL 3.0 20.0LTR INIDRL OW																													
Drlg Gas: 450		Max Gas: 500		Conn Gas:		Trip Gas: 770		Trip Cl:		Remarks: 770 UNITS FROM WIPER TRIP.																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out											
16		537		222.2		REED		L11334		3-11.9/ - / - / - / -		334.2		3,660.0															
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
TD53A		158.0		32.3		28.0/60.0		20 /		90																		763.45	
Total Length of BHA: 252.91 BHA Description: BIT (REED TD53A), 7/8 5 STAGE MOTOR AT 2.12 DEG, NM FLOAT SUB, NM UBHO SUB, 3-FLEX MONELS, X/O, JARS, 14-127MM HWDP, ACCELERATOR, 7-127MM HWDP																													
												Hrs On Jars: 11.0		Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
16		152 / 152 / 0		/ /		108/ /		16000		1.44		72.33		55.38		91.44		82.40		1.4		3567							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
3,772.1		61.53		352.00		N8.00W		3,031.9						1962.22		5.01													
3,782.0		60.73		353.07		N6.93W		3,036.7						1970.82		3.73													
3,791.5		60.08		353.64		N6.36W		3,041.4						1979.03		2.58													
3,800.7		60.45		356.04		N3.96W		3,046.0						1986.98		6.90													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
7.00		0		01 - 02		DRILL 222MM HOLE F/ 3754M T/ 3787M. ALL ROTATION. AROP = 4.71 M/HR.																							
0.75		700		01 - 06		MWD SURVEYS.																							
0.25		745		01 - 21		RIG SERVICE. FUNCTION UPPER PIPE RAMS FROM MAIN CONTROL. 6 SECONDS CLOSE/OPEN.																							
1.75		800		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3787M T/ 3806M. SLIDE 47%. AROP = 10.86 M/HR.																							
0.25		945		01 - 06		MWD SURVEYS.																							
1.25		1000		01 - 01		CIRCULATE BOTTOMS UP IN PREPARATION TO WIPER TRIP.																							
3.00		1115		01 - 05		10 STAND WIPER TRIP. PUMP FIRST THREE STANDS OUT. RIH TO 3787M.																							
0.75		1415		01 - 01		CIRCULATE OUT TRIP GAS. WELL FLOWING. SHUT IN A RECORD PRESSURES.																							
1.00		1500		01 - 23		CIRCULATE OUT GAS THROUGH CHOKE. FLOW CHECK.																							
3.50		1600		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3806M T/ 3816M. SLIDE 60%. AROP = 2.86 M/HR.																							
0.25		1930		01 - 21		RIG SERVICE. FUNCTION LOWER PIPE RAMS. 7 SECONDS CLOSE/OPEN.																							
0.25		1945		01 - 06		MWD SURVEYS.																							
0.25		2000		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3816M T/ 3818M. ALL SLIDE. AROP = 8 M/HR.																							
1.25		2015		01 - 01		CIRCULATE AND CONDITION MUD WHILE WEIGHTING UP TO 1250 KG/M3 PRIOR TO POOH.																							
2.25		2130		01 - 05		PUMP OUT 4 STANDS, PUMP PILL AND POOH.																							
Safety: MEETING TOPICS: REMOTE FOR TUGGERS, POOH. JSA: B-29, A-19, A-58, C-21, A-20.																													
24 Hr Summary: DRILL AND SURVEY 222MM HOLE F/ 3754M T/																													
Projected Opm: POOH AND RACK HWDP. CHANGE BIT AND MOTOR. RIH AND DRILL AHEAD TO CASING POINT.																													
Remarks: CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 4788																													
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 1995 M3																													
06:00: LAYING DOWN MUD MOTOR AND M/U NEW BHA.																													
Daily Mud Cost: 7,603		Daily Tangible Cost:		Daily Well Cost: 66,565		Incidents: NO INCIDENT REPORTED																							
Cum Mud Cost: 312,788		Cum Tangible Cost: 287,573		Cum Well Cost: 5,910,050		Total Appr: 11,377,106																							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement: Blended:																					
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: BRYSON/PERRY																							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0																							
API No:		AFE No: RWMNC-R3005-400		Date: 23-MAY-2004		Page: 1 Of 2																							

Measured Depth: 3,754.0		TVD: 3,029.9		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 77		DFS: 53		Spud Date:		Daily Footage: 84.0		Daily Rot Hrs: 18.5		Total Rot Hrs: 558.0																			
Torq: 21000		Drag: 85.0		Rot Wgt: 125.0		P/U Wgt: 210.0		Slack Off Wgt: 80.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 244.5				Set At: 1,510.0				MD 1,340.0		TVD		Shoe Test: 1530		EMW		Leakoff? N													
Cum Rot Hrs On Casing: 210.5				Cum Rot Hrs On Casing Since Last Caliper: 210.5				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: MINERAL OIL BASED				Sample From:		Wt: 1180		FV: 64		FV: 22		YP: 8.6		Gel: 7 / 11											
WL API: 0.0		HTHP: 20.0		FC API: 0.0		HTHP: 3.0		Solids: 0.15		% Oil: 68.00		% Water: 16.00		% Sand: 0.00		MBT: 0.0		Ph:											
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 29,000		Ca: 10,000		Bent: 0.0		Solids %HG/LG: 0.01 / 0.14		%DS/Bent: 0.0 /															
327.0		0.0N/ABARITE		80.0		0.0N/ALIME		10.0		0.0N/AWALNUT		1.0		0.0N/AMUD ENGR		58.0		0.0N/ABASE OIL											
20.0		0.0N/AENVIROVERT		15.0		0.0N/ACA CHLOR		5.0		0.0N/A VERSATROL		10.0		0.0N/ABENTONE 38		1.0		205.0L/INTRINIDRL EMUL											
Drlg Gas: 500		Max Gas: 630		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
16		537		222.2		REED		L11334		3-11.9/ - / - / - / -				334.2		3,660.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
TD53A		94.0		19.8		28.0/50.0		20 /		90																		950.79	
						/		/																					
Total Length of BHA: 252.91				BHA Description: BIT (REED TD53A), 7/8 5 STAGE MOTOR AT 2.12 DEG, NM FLOAT SUB, NM UBHO SUB, 3-FLEX MONELS, X/O, JARS, 14-127MM HWDP, ACCELERATOR, 7-127MM HWDP																									
										Hrs On Jars: 1.0		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		MB/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
16		152 / 152 / 0		/ /		108/ /		16500		1.44		72.33		55.38		91.44		82.00		1.4		3677							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
3,724.8		54.15		343.29		N16.71W		3,007.8						1922.23		11.46													
3,734.2		56.20		346.99		N13.01W		3,013.2						1929.69		11.69													
3,743.3		58.65		350.06		N9.94W		3,018.1						1937.20		11.74													
3,753.2		61.90		352.39		N7.61W		3,023.0						1945.70		11.60													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
0.25		0		01 - 21		RIG SERVICE. FUNCTION UPPER PIPE RAMS FORM REMOTE. 6 SECONDS CLOSE/OPEN.																							
5.00		15		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3670 T/ 3696M. SLIDE 92%. AROP = 5.2 M/HR.																							
3.25		515		01 - 06		MWD SURVEYS. SIGNAL NOISE INCREASING. CHECK PUMP NOISE, REPLACE SIGNAL PRESSURE TRANSDUCER, CLEAN SUCTION																							
				-		SCREEN, STOP MIXING TO WEIGHT UP (MIX 120 OF 150 SXS BEFORE STOPPING). FLOW CHECK.																							
1.75		830		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3696M T/ 3701M. ALL SLIDE. AROP = 2.86 M/HR.																							
0.25		1015		01 - 21		RIG SERVICE. FUNCTION LOWER PIPE RAMS. 7 SECONDS CLOSE/ OPEN.																							
7.75		1030		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3701M T/ 3730M. ALL SLIDE. AROP = 3.74 M/HR.																							
1.25		1815		01 - 06		MWD SURVEYS AND TOOL ALIGNMENT.																							
4.00		1930		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3730M T/ 3754M. ALL SLIDE. AROP = 6 M/HR.																							
0.25		2330		01 - 21		RIG SERVICE. FUNCTION CHOKE FROM MAIN CONTROL. 20 SECONDS CLOSE/ OPEN.																							
0.25		2345		01 - 62		SAFETY MEETING.																							
				-																									
				-																									
				-																									
				-																									
Safety: MEETING TOPICS: WORKING AT HEIGHTS, WORKING W/ INVERT, ENVIRONMENTAL AWARENESS. JSA: D-10, B-1, B-21, D-3, C-2, C-13.																													
24 Hr Summary: DRILL 222MM HOLE F/ 3670M T/ 3754M. 98% SLIDE. AROP = 5.08 M/HR.																													
Projected Opn: DIRECTIONALLY DRILL AHEAD.																													
Remarks: CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 4596																													
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 1995 M3																													
06:00: DRILLING AHEAD AT 3781M.																													
Daily Mud Cost: 62,528				Daily Tangible Cost:				Daily Well Cost: 121,490				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 305,185				Cum Tangible Cost: 287,573				Cum Well Cost: 5,843,485				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: BRYSON/PERRY																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWNMC-R3005-400				Date: 22-MAY-2004				Page: 1 Of 1													

Measured Depth: 3,670.0		TVD: 2,976.1		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 76		DFS: 52		Spud Date:		Daily Footage: 10.0		Daily Rot Hrs: 1.3		Total Rot Hrs: 539.5																			
Torq: 21000		Drag: 75.0		Rot Wgt: 125.0		P/U Wgt: 200.0		Slack Off Wgt: 80.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 244.5				Set At: 1,510.0 MD 1,340.0 TVD				Shoe Test: 1530 EMW				Leakoff? N																	
Cum Rot Hrs On Casing: 210.0				Cum Rot Hrs On Casing Since Last Caliper: 210.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD TVD				Liner Top At: MD TVD																					
Mud Co: MARQUIS DRILLING FLD				Type: MINERAL OIL BASED				Sample From:		Wt: 1150		FV: 72		FV: 17		YP: 8.6		Gel: 7 / 10											
WL API: 0.0		HIHP: 20.0		FC API: 0.0		HIHP: 3.0		Solids: 0.14		% Oil: 70.00		% Water: 15.00		% Sand: 0.00		MBT: 0.0		Ph:											
Pm: 0.00		PF/Mf: 0.00 / 0.00		Carb: 0		Cl: 27,500		Ca: 10,000		Bent: 0.0		Solids %HG/LG: 0.00 / 0.14		%DS/Bent: 0.0 /															
1.0 0.0N/AMUD ENGR																													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas: 1360		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
15		527		222.2		SMITH		MR2557		3-12.7/ - / - / - / -				380.0		3,583.0		3,660.0		2,969.7									
16		537		222.2		REED		L11334		3-11.9/ - / - / - / -				334.2		3,660.0													
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
FI280DVPS		77.0		19.8		0.0/0.0		0 /		0																		1225.66	
TD53A		10.0		1.3		30.0/55.0		20 /		90																		4312.30	
Total Length of BHA: 252.91 BHA Description: BIT (REED TD53A), 7/8 5 STAGE MOTOR AT 2.12 DEG, NM FLOAT SUB, NM UBHO SUB,																													
3-FLEX MONELS, X/O, JARS, 14-127MM HWDP, ACCELERATOR, 7-127MM HWDP																													
												Hrs On Jars: 0.5		Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
15		152 / 152 / 0		/ /		0 / /		0		0.00		0.00		0.00		0.00		0.00		0.0		0							
16		152 / 152 /		/ /		105 / /		15100		1.40		70.41		53.92		89.06		73.80		1.2		3277							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
3,656.8		38.25		339.09		N20.91W		2,960.2						1877.52		3.77													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
0.25		0		01 - 62		SAFETY MEETING ON TRIPPING.																							
0.25		15		01 - 21		RIG SERVICE. FUNCTION LOWER PIPE RAMS FROM REMOTE. 6 SECONDS CLOSE/OPEN.																							
6.75		30		01 - 05		POOH.																							
3.75		715		01 - 07		BREAK BIT. P/U AND M/U MOTOR AND MWD. TEST MWD. M/U NEW BIT, CHANGE OUT JARS. FUNCTION UPPER PIPE RAMS (7																							
				-		SECONDS) AND BLIND RAMS (7 SECONDS).																							
6.00		1100		01 - 05		RIH TO 3615M.																							
0.25		1700		01 - 21		RIG SERVICE. GREASE BLOCKS.																							
0.75		1715		01 - 04		WASH FINAL TWO STANDS FROM 3615M. CIRCULATE BOTTOMS UP FOR TRIP GAS.																							
2.50		1800		01 - 23		WELL FLOWING. SHUT IN WELL AND RECORD PRESSURES. SIDPP = 0, SICP = 2300 KPA. CIRCULATE GAS OUT THROUGH CHOKE																							
				-		UNTIL MUD TANK VOLUME AND CASING PRESSURES STABILIZE.																							
1.75		2030		01 - 01		CIRCULATE AND CONDITION MUD AND PREPARE TO WEIGHT UP FROM 1150 KG/M3 TO 1170 KG/M3.																							
1.25		2215		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3660M T/ 3670M. ALL SLIDE. AROP = 8 M/HR.																							
0.25		2330		01 - 06		MWD SURVEYS.																							
0.25		2345		01 - 21		RIG SERVICE. FUNCTION HCR FROM REMOTE CONTROL. 2 SECONDS OPEN/CLOSE.																							
				-																									
Safety: MEETING TOPICS: TRIPPING, LIFTING MUD PRODUCT. JSA: A-19, A-58, A-18, B-1.																													
24 Hr Summary: POOH. CHANGE BIT, CHANGE AND REDIAL MOTOR. RIH. SHUT IN WELL AND CIRCULATE OUT GAS THROUGH CHOKE. DRILL 222MM																													
Projected Opn: DIRECTIONALLY DRILL 222MM HOLE AS PER SCHLUMBERGER PROGRAM.																													
Remarks: CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 4404																													
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 1995 M3																													
06:00: DRILLING AHEAD AT 3689M.																													
Daily Mud Cost: 525				Daily Tangible Cost:				Daily Well Cost: 79,966				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 242,657				Cum Tangible Cost: 287,573				Cum Well Cost: 5,721,995				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: BRYSON/PERRY																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWMNC-R3005-400				Date: 21-MAY-2004				Page: 1 Of 1													

Metric **Drilling Activity Report**

Measured Depth: 3,660.0		TVD: 2,969.7		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 75		DFS: 51		Spud Date:		Daily Footage: 74.0		Daily Rot Hrs: 18.5		Total Rot Hrs: 538.3																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:						Depth Worst Wear:				% Remaining:															
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /											
WL API: HTHP:				FC API: HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:													
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drig Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
0.25		2230		01 - 06		MWD SURVEYS.																							
1.25		2245		01 - 01		CIRCULATE BOTTOMS UP AND PREPARE TO POOH.																							
				-																									
				-																									
				-																									
				-																									
				-																									
				-																									
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				-																									
				-																									
				-																									
Safety:																													
24 Hr Summary:																													
Projected Opn:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:						Rig: AKITA RIG #48						Rig Phone: 403 699 2884				Drilling Rep: BRYSON/PERRY													
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25						Well No:				Well ID: CR0086 -0													
						API No:						AFE No: RWMNC-R3005-400				Date: 20-MAY-2004 Page: 2 Of 2													

Measured Depth: 3,660.0		TVD: 2,969.7		PBID: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 75		DFS: 51		Spud Date:		Daily Footage: 74.0		Daily Rot Hrs: 18.5		Total Rot Hrs: 538.3																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 244.5				Set At: 1,510.0 MD 1,340.0 TVD				Shoe Test: 1530 EMW				Leakoff? N																	
Cum Rot Hrs On Casing: 209.5				Cum Rot Hrs On Casing Since Last Caliper: 209.5				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD TVD				Liner Top At: MD TVD																					
Mud Co: MARQUIS DRILLING FLD				Type: MINERAL OIL BASED				Sample From:		Wt: 1145		FV: 61		PV: 16		YP: 8.1		Gel: 6 / 9											
WL API: 0.0				HIHP: 19.8				FC API: 0.0		HIHP: 3.0		Solids: 0.14		% Oil: 70.00		% Water: 15.00		% Sand: 0.00		MBT: 0.0		Ph:							
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 27,500		Ca: 10,000		Bent: 0.0		Solids %HG/LG: / 0.14		%DS/Bent: 0.0 /															
10.0		0.0N/ALIME		10.0		0.0N/AWALNUT		1.0		0.0N/AMUD ENGR		9.0		0.0N/ACA CHLOR		4.0		0.0N/ABENTONE		38									
Drlg Gas: 500		Max Gas: 777		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
15		527		222.2		SMITH		MR2557		3-12.7/ - / - / - / -				380.0		3,583.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
FI280DVPS		77.0		19.8		23.0/50.0		20 /		90																		1225.66	
						/		/																					
Total Length of BHA:																BHA Description:													
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner				Stroke				SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW			
15		152 / 152 / 0				/ /				110 /		14000		1.47		64.71		56.39		93.09		65.00		1.1		3178			
		/ /				/ /				/ /																			
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates				E/W Coordinates				Vertical Section				DLS							
3,620.2		39.72		343.49		N16.51W		2,932.0										1855.40				1.67							
3,628.4		39.83		342.07		N17.93W		2,938.3										1860.40				3.35							
3,637.5		40.63		343.01		N16.99W		2,945.2										1866.01				3.31							
3,644.9		39.20		340.94		N19.06W		2,950.9										1870.53				7.91							
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
6.25		0		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3586M T/ 3610M. SLIDE 55%. AROP = 3.84 M/HR.																							
0.25		615		01 - 21		RIG SERVICE. FUNCTION ANNULAR FROM MAIN CONTROL. 18 SECONDS CLOSE/OPEN.																							
0.75		630		01 - 01		WORK CONNECTION.																							
0.75		715		01 - 06		MWD SURVEYS.																							
0.25		800		01 - 62		SAFETY MEETING. HOLD BOP DRILL.																							
7.00		815		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3610M T/ 3636M. SLIDE 73%. AROP = 3.71 M/HR.																							
0.25		1515		01 - 01		WORK CONNECTION.																							
0.25		1530		01 - 06		MWD SURVEY.																							
0.25		1545		01 - 21		RIG SERVICE. FUNCTION HCR FROM MAIN CONTROL. 2 SECONDS OPEN/CLOSE.																							
1.00		1600		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3636M T/ 3644M. ALL SLIDE. AROP = 8 M/HR.																							
0.25		1700		01 - 62		SAFETY MEETING. BOP DRILL, FUNCTION ANNULAR (18 SECONDS CLOSE/OPEN), HCR (2 SECONDS OPEN/CLOSE), E-CHOKE (20 SECONDS).																							
0.25		1715		01 - 21		RIG SERVICE.																							
4.25		1730		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3644M T/ 3660M. ALL SLIDE. AROP = 3.76 M/HR.																							
0.75		2145		01 - 01		WORK PIE FOR CONNECTION AND TO ORIENTATE TOOLFACE.																							
Safety: MEETING TOPICS: CLEANING SUB, BOP DRILL. JSA: D-10, A-4, A-7, B-10, B-21, A-1, A-2.																													
24 Hr Summary: DIRECTIONALLY DRILL 222MM HOLE F/ 3586M T/ 3660M. PREPARE TO POOH.																													
Projected Opn: POOH. CHANGE OUT BIT AND DIAL MOTOR TO 2.12 DEGREES. RIH AND BUILD ANGLE AS PER DIRECTIONAL PLAN.																													
Remarks: CONTRACTOR HRS TODAY 240 TOTAL THIS MONTH = 4212																													
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 1995 M3																													
06:00: POOH AT 300M.																													
Daily Mud Cost: 2,163				Daily Tangible Cost:				Daily Well Cost: 70,948				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 242,132				Cum Tangible Cost: 287,573				Cum Well Cost: 5,642,029				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: BRYSON/PERRY																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
API No:				AFE No: RWMNC-R3005-400				Date: 20-MAY-2004				Page: 1 Of 2																	

Measured Depth: 3,586.0		TVD: 2,913.3		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 74		DFS: 50		Spud Date:		Daily Footage: 7.0		Daily Rot Hrs: 3.3		Total Rot Hrs: 519.8																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:				Wt:		FV:		PV:		YP:		Gel: /									
WL API:		HIHP:		FC API:		HIHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:																		BHA Description:											
												Hrs On Jars:				Hours Since Last Inspection:													
Bit Num		Liner				Stroke				SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW			
		/ /				/ /				/ /																			
		/ /				/ /				/ /																			
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates				E/W Coordinates				Vertical Section				DLS							
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
1.25		2200		01 - 02		DRILL 222MM HOLE F/ 3583M T/ 3586M. AROP = 2.4 M/HR.																							
0.25		2315		01 - 21		RIG SERVICE. FUNCTION UPPER PIPE RAMS FROM REMOTE CONTROL. 6 SECONDS CLOSE/OPEN.																							
0.25		2330		01 - 01		CIRCULATE AND WORK PIPE.																							
0.25		2345		01 - 06		MWD SURVEYS.																							
				-																									
				-																									
				-																									
				-																									
				-																									
				-																									
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				-																									
				-																									
Safety:																													
24 Hr Summary:																													
Projected Oprn:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:						Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/PERRY															
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0															
						API No:				AFE No: RWNCR-R3005-400				Date: 19-MAY-2004				Page: 2 Of 2											

Measured Depth: 3,586.0		TVD: 2,913.3		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0					
DOL: 74		DFS: 50		Spud Date:		Daily Footage: 7.0		Daily Rot Hrs: 3.3		Total Rot Hrs: 519.8			
Torq: 18000		Drag: 70.0		Rot Wgt: 120.0		P/U Wgt: 190.0		Slack Off Wgt: 90.0		Wind: Seas: 0.0 / 0.0			
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 1530		EMW Leakoff? N			
Cum Rot Hrs On Casing: 203.5		Cum Rot Hrs On Casing Since Last Caliper: 203.5		Depth Worst Wear:		% Remaining:							
Liner Size:		Set At: MD		TVD		Liner Top At: MD		TVD					
Mud Co: MARQUIS DRILLING FLD		Type: MINERAL OIL BASED		Sample From:		Wt: 1145		FV: 75		PV: 14			
WL API: 0.0		HIHP: 20.0		FC API: 0.0		HIHP: 3.0		Solids: 0.14		% Oil: 70.00			
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 29,500		Ca: 10,000		Bent: 0.0			
70.0		0.0N/ABARITE		1.0		0.0N/AMUD ENGR							
Drlg Gas: 33		Max Gas: 37		Conn Gas:		Trip Gas: 1060		Trip Cl:		Remarks:			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)			
14		527		222.2		HUGHES		6013125		3 - 12.7 / - / - / - / -			
15		527		222.2		SMITH		MR2557		3 - 12.7 / - / - / - / -			
Type		Hours		WOB		RPM		Motor RPM		I-Row			
HX-S28		44.0		16.0		25.0/40.0		20 /		90			
FI280DVPS		3.0		1.3		20.0/45.0		20 /		90			
Total Length of BHA: 252.75		BHA Description: BIT (SMITH FI280DVPS), 7/8 5 STAGE MOTOR AT 1.83 DEG, NM FLOAT SUB, NM UBHO											
SUB, 3-FLEX MONELS, X/O, JARS, 14-127MM HWDP, ACCELERATOR, 7-127MM HWDP													
										Hrs On Jars: 231.0		Hours Since Last Inspection:	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min			
14		152 / 152 / 0		/ /		105 /		14000		1.40			
15		152 / 152 /		/ /		105 /		13500		1.40			
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates			
3,571.6		39.28		345.14		N14.86W		2,894.8					
3,581.2		39.97		344.21		N15.79W		2,902.2					
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight						Total Hours Reported: 24.0	
2.00		0		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3579M T/ 3583M. SLIDE 100%. AROP = 2 M/HR.							
0.25		200		01 - 21		RIG SERVICE. FUNCTION HCR FROM REMOTE CONTROL. 2 SECONDS CLOSE/OPEN.							
0.50		215		01 - 01		WORK PIPE. STATOR RUBBER COMING OVER SHAKERS.							
0.25		245		01 - 06		MWD SURVEYS.							
1.00		300		01 - 01		CIRCULATE AND CONDITION MUD IN PREPARATION TO POOH.							
4.00		400		01 - 05		POOH TO 2235M.							
0.25		800		01 - 62		SAFETY MEETING.							
3.25		815		01 - 05		POOH TO SURFACE.							
1.25		1130		01 - 07		LAY DOWN DIRECTIONAL TOOLS.							
0.25		1245		01 - 21		RIG SERVICE. FUNCTION BLIND RAMS FROM MAIN CONTROL. 6 SECONDS TO CLOSE/OPEN.							
1.50		1300		01 - 07		P/U AND M/U NEW BIT AND DIRECTIONAL TOOLS.							
1.00		1430		01 - 21		WORK ON TOP DRIVE.							
0.25		1530		01 - 62		SAFETY MEETING.							
4.75		1545		01 - 05		RIH TO 3529M.							
1.50		2030		01 - 03		WASH LAST TO STANDS TO BOTTOM.							
Safety: MEETING TOPICS: TRIPPING, SCRUB INSIDE OF SUB. JSA: D-12, A-19, A-58, A-1, A-2													
24 Hr Summary: DRILL 222MM HOLE T/ 3583M. POOH TO CHANGE BIT. RIH AND DRILL 222MM HOLE TO 3586M.													
Projected Opn: DIRECTIONALLY DRILL AHEAD 222MM HOLE.													
Remarks: CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 3972													
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 1995 M3													
06:00: DRILLING AHEAD AT 3606M.													
Daily Mud Cost: 1,558		Daily Tangible Cost:		Daily Well Cost: 85,726		Incidents: NO INCIDENT REPORTED							
Cum Mud Cost: 239,969		Cum Tangible Cost: 287,573		Cum Well Cost: 5,571,081		Total Appr: 11,377,106							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/PERRY							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0							
API No:		AFE No: RWNCR-3005-400		Date: 19-MAY-2004		Page: 1 Of 2							

Measured Depth: 3,579.0		TVD: 2,907.9		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 73		DFS: 49		Spud Date:		Daily Footage: 40.0		Daily Rot Hrs: 14.0		Total Rot Hrs: 516.5																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /											
WL API:		HTHP:		FC API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		PF/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
0.25		2245		01 - 21		RIG SERVICE. FUNCTION REMOTE CHOKE. 18 SECONDS CLOSE/OPEN AT HALF SPEED.																							
0.75		2300		01 - 01		WORK PIPE AND ORIENTATE TOOLFACE.																							
0.25		2345		01 - 06		MWD SURVEYS.																							
				-																									
				-																									
				-																									
				-																									
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				-																									
				-																									
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				-																									
				-																									
				-																									
Safety:																													
24 Hr Summary:																													
Projected Oprn:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:						Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/PERRY															
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0															
						API No:				AFE No: RWMNC-R3005-400				Date: 18-MAY-2004 Page: 2 Of 2															

Measured Depth: 3,579.0		TVD: 2,907.9		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 73		DFS: 49		Spud Date:		Daily Footage: 40.0		Daily Rot Hrs: 14.0		Total Rot Hrs: 516.5																			
Torq: 22000		Drag: 70.0		Rot Wgt: 120.0		P/U Wgt: 190.0		Slack Off Wgt: 90.0		Wind: Seas: 0.0 / 0.0 Bar: 0 POB:																			
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 1530 EMW		Leakoff? N																			
Cum Rot Hrs On Casing: 200.5		Cum Rot Hrs On Casing Since Last Caliper: 200.5		Depth Worst Wear:		% Remaining:																							
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD																	
Mud Co: MARQUIS DRILLING FLD		Type: MINERAL OIL BASED		Sample From:		Wt: 1135		FV: 58		PV: 13		YP: 6.7		Gel: 5 / 7															
WL API: 0.0		HIHP: 21.0		FC API: 0.0		HIHP: 3.0		Solids: 0.13		% Oil: 71.00		% Water: 15.00		% Sand: 0.00		MBT: 0.0		Ph:											
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 29,500		Ca: 10,000		Bent: 0.0		Solids %HG/LG: / 0.13		%DS/Bent: 0.0 /															
16.0		0.0N/ALIME		1.0		0.0N/AMUD ENGR		8.0		0.0N/ACA CHLOR		9.0		0.0N/ABENTONE 38															
Drlg Gas: 30		Max Gas: 112		Conn Gas: 120		Trip Gas: 1100		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
14		527		222.2		HUGHES		6013125		3-12.7/ - / - / - / -				380.0		3,539.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
HX-S28		40.0		14.0		10.0/45.0		20 /		100																		1875.07	
						/		/																					
Total Length of BHA: 252.81		BHA Description: BIT (HUGHES HX-S28), 7/85 STAGE MOTOR SET AT 1.83 DEG, NM FLOAT SUB, BM UBHO																											
SUB, 3-FLEX MONELS, X/O, JARS, 14-127MM HWDP, ACCELERATOR, 7-127MM HWDP																													
										Hrs On Jars: 228.0		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
14		152 / 152 / 0		/ /		105/ /		14000		1.40		61.90		53.92		89.06		56.30		0.9		3039							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
3,533.4		41.40		343.29		N16.71W		2,865.9						1801.21		2.19													
3,542.5		41.85		343.26		N16.74W		2,872.7						1807.00		1.49													
3,552.3		41.28		345.14		N14.86W		2,880.0						1813.26		4.20													
3,562.2		39.72		344.74		N15.26W		2,887.6						1819.46		4.79													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
0.25		0		01 - 04		WORK THROUGH BRIDGES AT 2290M AND 2352M.																							
1.50		15		01 - 05		RIH TO 3017M. FILL PIPE AND TAG BRIDGE.																							
0.25		145		01 - 04		WORK THROUGH BRIDGE AT 3017M.																							
1.00		200		01 - 05		RIH TO 3471M.																							
0.25		300		01 - 21		RIG SERVICE. FUNCTION ANNULAR FROM MAIN CONTROL. 18 SECONDS CLOSE/OPEN.																							
0.75		315		01 - 01		CIRCULATE OUT TRIP GAS																							
2.75		400		01 - 04		WASH FROM 3472M TO 3539M AT 1 M/MIN TO RECORD GAMMA WITH SCHLUMBERGER.																							
1.00		645		01 - 02		PATTERN BIT AND DRILL 222MM HOLE F/ 3539M T/ 3540M. AROP = 1 M/HR.																							
0.25		745		01 - 06		MWD SURVEYS.																							
0.25		800		01 - 62		SAFETY MEETING.																							
10.25		815		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3540M T/ 3570M. SLIDE 40%. AROP = 2.93 M/HR.																							
0.50		1830		01 - 01		WORK PIPE TO CONDITION HOLE AND REDUCE TORQUE.																							
0.75		1900		01 - 06		MWD SURVEYS.																							
0.25		1945		01 - 21		RIG SERVICE. FUNCTION UPPER PIPE RAMS FROM REMOTE CONTROL. 6 SECONDS CLOSE/OPEN.																							
2.75		2000		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3570M T/ 3579M. SLIDE 55%. AROP = 3.27 M/HR.																							
Safety: MEETING TOPICS: TRIPPING, DRIFT CASING, WORK AT HEIGHTS. JSA: D-19, A-1, B-9. FIRST AID - SLIPS LANDED ON TOE.																													
24 Hr Summary: CONTINUE RIH. WORK THROUGH BRIDGES. WASH TO BOTTOM. DRILL 222MM HOLE F/ 3539M T/ 3579M.																													
Projected Opn: DRILL AHEAD TO CASING POINT. BIT TRIP AS NECESSARY.																													
Remarks: CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 3780																													
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 1995 M3																													
06:00: POOH TO CHANGE BIT. BIT DEPTH = 3015M.																													
Daily Mud Cost: 2,788		Daily Tangible Cost:		Daily Well Cost: 85,986		Incidents: FIRST AID																							
Cum Mud Cost: 238,411		Cum Tangible Cost: 287,573		Cum Well Cost: 5,485,355		Total Appr: 11,377,106																							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/PERRY																							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0																							
API No:		AFE No: RWNRC-R3005-400		Date: 18-MAY-2004		Page: 1 Of 2																							

Measured Depth: 3,539.0		TVD: 2,877.8		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 72		DFS: 48		Spud Date:		Daily Footage: 0.0		Daily Rot Hrs: 0.0		Total Rot Hrs: 502.5																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		FV:		YP:		Gel: /											
WL API:		HTHP:		FC API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
0.25		2200		01 - 21		RIG SERVICE. FUNCTION UPPER PIPE RAMS FROM REMOTE CONTROL. 6 SECONDS CLOSE/OPEN.																							
1.50		2215		01 - 05		RIH TO 2250. TAG BRIDGE.																							
0.25		2345		01 - 04		WORK THROUGH BRIDGE AT 2250M.																							
				-																									
				-																									
				-																									
				-																									
				-																									
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				-																									
Safety:																													
24 Hr Summary:																													
Projected Oprn:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:						Rig: AKITA RIG #48						Rig Phone: 403 699 2884				Drilling Rep: CURTIS/PERRY													
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25						Well No:				Well ID: CR0086 -0													
API No:						AFE No: RWNK-R3005-400						Date: 17-MAY-2004				Page: 2 Of 2													

Measured Depth: 3,539.0		TVD: 2,877.8		PBD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 72		DFS: 48		Spud Date:		Daily Footage: 0.0		Daily Rot Hrs: 0.0		Total Rot Hrs: 502.5																			
Torq: 25000		Drag: 50.0		Rot Wgt: 120.0		P/U Wgt: 170.0		Slack Off Wgt: 90.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 1530		EMW		Leakoff? N																	
Cum Rot Hrs On Casing: 188.0		Cum Rot Hrs On Casing Since Last Caliper: 188.0		Depth Worst Wear:		% Remaining:																							
Liner Size:		Set At: MD		TVD		Liner Top At: MD		TVD																					
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:		Gel: /															
WL API: HIHP:		FC API: HIHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:															
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
42.0 0.0N/ABARITE 1.0 0.0N/AMUD ENGR																													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas: 1400		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out											
13				222.2		REED		205810		6-15.9/ - / - / - / -		1187.7		2,764.0		3,539.0		2,877.8											
14		527		222.2		HUGHES		6013125		3-12.7/ - / - / - / -		380.0		3,539.0															
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
DSX262		775.0		95.3		0.0/0.0		/																				358.86	
HX-S28		0.0		0.0		/		/																				0.00	
Total Length of BHA: 252.81 BHA Description: BIT (HUGHES HX-S28), 7/85 STAGE MOTOR SET AT 1.83 DEG, NM FLOAT SUB, EM UBHO																													
SUB, 3-FLEX MONELS, X/O, JARS, 14-127MM HWDP, ACCELERATOR, 7-127MM HWDP																													
										Hrs On Jars: 215.5		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
13		152 / 152 / 0		/ /		/ /		0		0.00		0.00		0.00		0.00		0.00		0.0		0							
14		152 / 152 /		/ /		/ /				0.00		0.00		0.00		0.00		0.00		0.0		0							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
2.00		0		01 - 05		P/U 56 JTS S-135 AND RIH. RIG OUT LAYDOWN MACHINE AND FILL PIPE.																							
1.50		200		01 - 01		CIRCULATE BOTTOMS UP @ 2272M. PUMP PILL AND PREPARE TO POOH.																							
0.25		330		01 - 21		RIG SERVICE. FUNCTION LOWER PIPE RAMS FROM MAIN CONTROL. 6 SECONDS CLOSE/OPEN.																							
3.25		345		01 - 05		POOH TO BHA.																							
0.25		700		01 - 62		SAFETY MEETING ON LAYING DOWN DIRECTIONAL TOOLS.																							
1.75		715		01 - 07		LAYDOWN DIRECTIONAL TOOLS.																							
0.25		900		01 - 62		SAFETY MEETING WITH SCHLUMBERGER WIRELINE OPERATORS.																							
4.25		915		01 - 25		RIG IN LOGGERS, RUN CASING WEAR LOG FROM 244.5MM CASING SHOE TO SURFACE. NO WEAR ON CASING. CEMENT TOP @ 520M.																							
2.00		1330		01 - 07		P/U AND M/U DIRECTIONAL TOOLS AND TEST.																							
1.75		1530		01 - 05		RIH TO 244.5 MM CASING SHOE. FILL PIPE AND TEST MWD TOOL.																							
1.25		1715		01 - 01		CIRCULATE AND CONDITION MUD PRIOR TO CHANGING OUT DRILL LINE.																							
0.25		1830		01 - 62		SAFETY MEETING ON CHANGING OUT DRILL LINE.																							
1.25		1845		01 - 21		CHANGE OUT DRILL LINE SPOOL.																							
0.25		2000		01 - 62		SAFETY MEETING WITH NIGHT SHIFT.																							
1.75		2015		01 - 21		CONTINUE CHANGING OUT DRILL LINE SPOOL.																							
Safety: A-29-RIG OUT L/D TRUCK, A-19-POOH, F-7-DRAIN MUD MOTOR, F-6-L/D DIR TOOLS, A-36-RIG IN WIRLINE, A-63-CHANGE DRILL LINE																													
24 Hr Summary: P/U AND RACK S-135, 28 KG/M DP. RUN CASING WEAR LOG. RIH TO 2250M AND WORK THROUGH BRIDGE.																													
Projected Opn: RIH TO BOTTOM. DIRECTIONALLY DRILL AHEAD 222MM HOLE TO CASING POINT.																													
Remarks: CONTRACTOR HRS TODAY 264 TOTAL THIS MONTH = 3588																													
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 1995 M3																													
06:00: WASHING LAST STAND TO BOTTOM. WORK THROUGH BRIDGES AT 2250M, 2290M, 2352M AND 3017M.																													
Daily Mud Cost: 1,145		Daily Tangible Cost:				Daily Well Cost: 87,878				Incidents: NO INCIDENT REPORTED																			
Cum Mud Cost: 235,623		Cum Tangible Cost: 287,573				Cum Well Cost: 5,399,369				Total Appr: 11,377,106																			
Drill Water:		Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:															
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/PERRY																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
API No:				AFE No: RWNK-R3005-400				Date: 17-MAY-2004				Page: 1 Of 2																	

CHEVRONTExACO

Metric Drilling Activity Report

Measured Depth: 3,539.0		TVD: 2,877.8		PBID: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 71		DFS: 47		Spud Date:		Daily Footage: 6.0		Daily Rot Hrs: 2.8		Total Rot Hrs: 502.5																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		FV:		YP:		Gel: /											
WL API:		HHP:		FC API:		HHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		MB/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
0.25		2345		01 - 21		RIG SERVICE. FUNCTION UPPER PIPE RAMS FROM REMOTE CONTROL. 6 SECONDS CLOSE/OPEN.																							
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				-																									
				-																									
Safety:																													
24 Hr Summary:																													
Projected Oprn:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:						Rig: AKITA RIG #48						Rig Phone: 403 699 2884				Drilling Rep: CURTIS/PERRY													
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25						Well No:				Well ID: CR0086 -0													
						API No:				AFE No: RWN-C-R3005-400				Date: 16-MAY-2004				Page: 2 Of 2											

Measured Depth:	3,539.0	TVD:	2,877.8	PBTD:	0.0	Proposed MD:	4,722.0	Proposed TVD:	3,236.0										
DOL:	71	DFS:	47	Spud Date:		Daily Footage:	6.0	Daily Rot Hrs:	2.8	Total Rot Hrs:	502.5								
Torg:	25000	Drag:	50.0	Rot Wgt:	120.0	P/U Wgt:	170.0	Slack Off Wgt:	90.0	Wind:		Seas:	0.0 / 0.0	Bar:	0	POB:			
Last Casing Size:	244.5	Set At:	1,510.0	MD	1,340.0	TVD		Shoe Test:	1530	EMW	Leakoff?	N							
Cum Rot Hrs On Casing:	187.0	Cum Rot Hrs On Casing Since Last Caliper:	187.0	Depth Worst Wear:		% Remaining:													
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD							
Mud Co:	MARQUIS DRILLING FLD	Type:	MINERAL OIL BASED	Sample From:		Wt:	1130	FV:	65	FV:	13	YP:	6.7	Gel:	5 / 8				
WL	API: 0.0	HHP:	20.0	FC	API: 0.0	HHP:	3.0	Solids:	0.13	% Oil:	71.00	% Water:	15.00	% Sand:	0.00	MBT:	0.0	Ph:	
Pm:	0.00	Pf/Mf:	0.00 / 0.00	Carb:	0	Cl:	31,500	Ca:	10,000	Bent:	0.0	Solids %HG/LG:	/ 0.13	%DS/Bent:	0.0 /				
64.0	0.0N/ABARITE	1.0	0.0N/AMUD ENGR																
Drlg Gas:	150	Max Gas:	270	Conn Gas:	300	Trip Gas:	0	Trip Cl:		Remarks:									
Bit Number	IADC	Size	Manufacturer	Serial number	Jets (Quantity - Size)				TFA	MD In	MD Out	TVD Out							
13		222.2	REED	205810	6-15.9/ - / - / - / -				1187.7	2,764.0									
					- / - / - / - / -														
Type		Hours	WOB	RPM	Motor RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/m					
DSX262	775.0	95.3	8.5/35.0	15 / 20	100									358.86					
			/	/															
Total Length of BHA: 75.25 BHA Description: IT, 171 MTR, 7/8, 5 STAGE SET AT 1.53 DEG, FLOAT SUB, UBHO SUB, 3-MONELS, XO,																			
JARS, 3-127MM HWDP																			
Hrs On Jars: 214.5 Hours Since Last Inspection:																			
Bit Num	Liner	Stroke	SPM	Press.	M3/Min	Jet Vel	DP Av	DC Av	Bit kW	BHHP/SQIN	Pump kW								
13	152 / 152 / 0	/ /	108/ /	15000	1.44	20.33	55.38	91.44	6.20	0.1	3344								
	/ /	/ /	/ /																
Survey MD	Angle	Azimuth	Direction	TVD	N/S Coordinates	E/W Coordinates	Vertical Section	DLS											
Hours	From	Act-Cat	Operations Covering 24 Hours Ending at Midnight							Total Hours Reported: 24.0									
2.75	0	01 - 02	DIRECTIONALLY DRILL 222MM HOLE F/ 3533M T/ 3539M. SLIDE 45%. AROP = 2.18 M/HR.																
0.75	245	01 - 01	WORK PIPE TO REDUCE TORQUE.																
0.25	330	01 - 06	MWD SURVEYS.																
0.25	345	01 - 21	RIG SERVICE. FUNCTION HCR FROM MAIN CONTROL. 2 SECONDS CLOSE/OPEN.																
1.50	400	01 - 01	CIRCULATE BOTTOMS UP PRIOR TO POOH.																
2.50	530	01 - 05	POOH TO 2804M.																
0.25	800	01 - 62	SAFETY MEETING ON TRIPPING.																
3.00	815	01 - 05	POOH TO HWDP. RUN 15 STANDS OF SS-95 IN HOLE AND PREPARE TO LAY DOWN.																
0.25	1115	01 - 62	SAFETY MEETING WITH FI LAYDOWN OPERATORS AND AKITA CREW.																
1.25	1130	01 - 07	RIG IN FI LAYDOWN TRUCK.																
0.25	1245	01 - 21	RIG SERVICE. FUNCTION ANNULAR FROM MAIN CONTROL. 23 SECONDS CLOSE/OPEN.																
5.75	1300	01 - 07	POOH AND L/D 57 JOINTS OF SS-95 AND 123 JOINTS OF X-3 DP. STRAP 186 JOINTS OF S-135 DP.																
1.25	1845	01 - 05	RIH W/ 15 STANDS X-3 DP AND P/U S-135 SINGLES AND RIH.																
0.25	2000	01 - 62	SAFETY MEETING.																
3.50	2015	01 - 05	P/U 130 JTS OF S-135 AND RIH.																
Safety: JSA: B-37 - TRANSFER INVERT, A-19 - TRIP OUT OF HOLE, A-62 - L/D PIPE W/ LAYDOWN MACHINE,																			
24 Hr Summary: DRILL 222MM HOLE F/ 3533M T/ 3539M. POOH. L/D SS-95 AND X-3 DP. RIH W/ BHA, 15 STDS X-3 AND S-135 DP.																			
Projected Opn: POOH AND RACK S-135 DP IN DERRICK. RIG IN SCHLUMBERGER AND RUN LOG. RIH AND DRILL AHEAD.																			
Remarks:																			
CONTRACTOR HRS TODAY 348 TOTAL THIS MONTH = 3324																			
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 1995 M3																			
06:00: POOH TO CHANGE BIT.																			
Daily Mud Cost:	1,469	Daily Tangible Cost:		Daily Well Cost:	64,309	Incidents:	NO INCIDENT REPORTED												
Cum Mud Cost:	234,478	Cum Tangible Cost:	287,573	Cum Well Cost:	5,311,491	Total Appr:	11,377,106												
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:	Blended:										
Country:	CANADA			Rig:	AKITA RIG #48		Rig Phone:	403 699 2884		Drilling Rep: CURTIS/PERRY									
Field:	FT. LIARD			Lease:	CHEVRON ET AL LIARD 2M-25		Well No:			Well ID: CR0086 -0									
				API No:	AFE No: RWMNC-R3005-400				Date:	16-MAY-2004		Page: 1 Of 2							

Measured Depth:	3,533.0	TVD:	2,873.2	PBTD:	0.0	Proposed MD:	4,722.0	Proposed TVD:	3,236.0										
DOL:	70	DFS:	46	Spud Date:		Daily Footage:	118.0	Daily Rot Hrs:	18.5	Total Rot Hrs:	499.8								
Torq:	25000	Drag:	50.0	Rot Wgt:	120.0	P/U Wgt:	170.0	Slack Off Wgt:	90.0	Wind:		Seas:	0.0 / 0.0	Bar:	0	POB:			
Last Casing Size:	244.5	Set At:	1,510.0	MD	1,340.0	TVD		Shoe Test:	1530	EMW		Leakoff?	N						
Cum Rot Hrs On Casing:	185.5	Cum Rot Hrs On Casing Since Last Caliper:	185.5	Depth Worst Wear:		% Remaining:													
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD							
Mud Co:	MARQUIS DRILLING FLD	Type:	MINERAL OIL BASED	Sample From:		Wt:	1130	FV:	60	PV:	12	YP:	6.2	Gel:	5 / 7				
WL	API: 0.0	HIHP:	20.0	FC	API: 0.0	HIHP:	3.0	Solids:	0.14	% Oil:	71.00	% Water:	15.00	% Sand:	0.00	MBT:	0.0	Ph:	
Pm:	0.00	Pf/Mf:	0.00 / 0.00	Carb:	0	Cl:	28,000	Ca:	10,000	Bent:	0.0	Solids %HG/LG:	/ 0.14	%DS/Bent:	0.0 /				
27.0	0.0N/ALIME	15.0	0.0N/AWALNUT	2.0	0.0N/AMUD ENGR	15.0	0.0N/ACA CHLOR	17.0	0.0N/ABENTONE	38									
1.0	205.0LTR INIDRL EMUL																		
Drlg Gas:	150	Max Gas:	270	Conn Gas:	300	Trip Gas:	0	Trip Cl:		Remarks:									
Bit Number	IADC	Size	Manufacturer	Serial number	Jets (Quantity - Size)	TFA	MD In	MD Out	TVD Out										
13		222.2	REED	205810	6-15.9 / - / - / - / -	1187.7	2,764.0												
					- / - / - / - / -														
Type		Hours	WOB	RPM	Motor RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/m					
DSX262	769.0	92.5	8.5/35.0	15 /	100									352.72					
			/	/															
Total Length of BHA:	75.25	BHA Description:	IT, 171 MTR, 7/8, 5 STAGE SET AT 1.53 DEG, FLOAT SUB, UBHO SUB, 3-MONELS, XO,																
JARS, 3-127MM HWDP																			
		Hrs On Jars:	213.0	Hours Since Last Inspection:															
Bit Num	Liner	Stroke	SPM	Press.	M3/Min	Jet Vel	DP Av	DC Av	Bit kW	BHHP/SQIN	Pump kW								
13	152 / 152 / 0	/ /	108 /	15000	1.44	20.33	55.38	91.44	6.20	0.1	3344								
	/ /	/ /	/ /																
Survey MD	Angle	Azimuth	Direction	TVD	N/S Coordinates	E/W Coordinates	Vertical Section	DLS											
3,490.0	39.53	346.44	N13.56W	2,832.8			1774.16	0.87											
3,499.8	39.75	345.79	N14.21W	2,840.3			1780.23	1.44											
3,508.9	40.15	345.31	N14.69W	2,847.3			1785.89	1.66											
3,518.7	40.35	343.66	N16.34W	2,854.8			1791.99	3.32											
Hours	From	Act-Cat	Operations Covering 24 Hours Ending at Midnight	Total Hours Reported:	24.0														
0.25	0	01 - 21	RIG SERVICE. FUNCTION ANNULAR FROM MAIN CONTROL. 18 SECONDS CLOSE/OPEN.																
5.75	15	01 - 02	DIRECTIONALLY DRILL 222MM HOLE F/ 3415M T/ 3450M. 57 % SLIDE. AROP = 6.09 M/HR.																
1.00	600	01 - 01	WORK PIPE TO REDUCE TORQUE.																
1.00	700	01 - 06	MWD SURVEYS.																
0.25	800	01 - 62	SAFETY MEETING WITH CREW.																
10.00	815	01 - 02	DIRECTIONALLY DRILL 222MM HOLE F/ 3455M T/ 3515M. 67% SLIDE. AROP = 6 M/HR.																
0.50	1815	01 - 01	WORK PIPE TO REDUCE TORQUE.																
1.00	1845	01 - 06	MWD SURVEYS.																
0.25	1945	01 - 21	RIG SERVICE. FUNCTION LOWER PIPE RAMS FROM MAIN CONTROL. 6 SECONDS CLOSE/OPEN.																
2.75	2000	01 - 02	DIRECTIONALLY DRILL 222MM HOLE F/ 3515M T/ 3533M.																
0.50	2245	01 - 01	WORK PIPE TO REDUCE TORQUE.																
0.50	2315	01 - 06	MWD SURVEYS.																
0.25	2345	01 - 21	RIG SERVICE. FUNCTION UPPER PIPE RAMS FROM REMOTE CONTROL. 6 SECONDS CLOSE/OPEN.																
		-																	
		-																	
Safety:	JSA: B-10 - WORK ON MUD PUMP, C-20 - LOADER OPERATION																		
24 Hr Summary:	DIRECTIONALLY DRILL AND SURVEY 222MM HOLE F/ 3415M T/ 3533M. AROP = 6.38 M/HR. WORK EACH SINGLE TO REDUCE TORQUE.																		
Projected Opn:	DRILL AHEAD TO TOP OF MUSKWA. POOH. RIH W/ TRICONE AND 29 KG/M S-135 DP AND DRILL TO CASING POINT.																		
Remarks:	CONTRACTOR HRS TODAY 240 TOTAL THIS MONTH = 2976																		
WATER HAULED TODAY = 45 M3	TOTAL HAULED = 1995 M3																		
06:00:	POOH TO CHANGE BIT.																		
Daily Mud Cost:	6,612	Daily Tangible Cost:		Daily Well Cost:	63,397	Incidents:	NO INCIDENT REPORTED												
Cum Mud Cost:	233,009	Cum Tangible Cost:	287,573	Cum Well Cost:	5,247,182	Total Appr:	11,377,106												
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:									
Country:	CANADA	Rig:	AKITA RIG #48	Rig Phone:	403 699 2884	Drilling Rep:	CURTIS/PERRY												
Field:	FT. LIARD	Lease:	CHEVRON ET AL LIARD 2M-25	Well No:		Well ID:	CR0086 -0												
		API No:		AFE No:	RWNK-R3005-400	Date:	15-MAY-2004	Page:	1 Of 1										

Measured Depth: 3,415.0		TVD: 2,788.3		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 69		DFS: 45		Spud Date:		Daily Footage: 29.0		Daily Rot Hrs: 4.0		Total Rot Hrs: 481.3																			
Torq: 25000		Drag: 50.0		Rot Wgt: 120.0		P/U Wgt: 170.0		Slack Off Wgt: 90.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 244.5				Set At: 1,510.0 MD 1,340.0 TVD				Shoe Test: 1530 EMW				Leakoff? N																	
Cum Rot Hrs On Casing: 178.0				Cum Rot Hrs On Casing Since Last Caliper: 178.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD TVD				Liner Top At: MD TVD																					
Mud Co: MARQUIS DRILLING FLD				Type: MINERAL OIL BASED				Sample From:		Wt: 1135		FV: 63		FV: 13		YP: 6.7		Gel: 4 / 7											
WL API: 0.0		HIHP: 20.0		FC API: 0.0		HIHP: 3.0		Solids: 0.13		% Oil: 71.00		% Water: 15.00		% Sand: 0.00		MBT: 0.0		Ph:											
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 30,500		Ca: 10,000		Bent: 0.0		Solids %HG/LG: / 0.13		%DS/Bent: 0.0 /															
18.0 0.0N/ABARITE				8.0 0.0N/ALIME				10.0 0.0N/AWALNUT				511.0 0.0N/ATransportat 7.0				0.0N/ACA CHLOR													
3.0 0.0N/ABENTONE 38																													
Drlg Gas: 160		Max Gas: 270		Conn Gas: 345		Trip Gas: 0		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
13				222.2		REED		205810		6-15.9 / - / - / - / -				1187.7		2,764.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
DSX262		651.0		74.0		8.5/35.0		15 /		100																		345.64	
Total Length of BHA: 75.25				BHA Description: IT, 171 MIR, 7/8, 5 STAGE SET AT 1.53 DEG, FLOAT SUB, UBHO SUB, 3-MONELS, XO, JARS, 3-127MM HWDP																									
										Hrs On Jars: 205.5		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kw		BHHP/SQIN		Pump kw							
13		152 / 152 / 0		/ /		102 / /		14500		1.36		19.23		52.33		86.38		5.30		0.1		3054							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
3,375.0		40.40		341.90		N18.10W		2,744.9						1702.98		1.36													
3,385.2		40.58		341.60		N18.40W		2,752.7						1709.26		0.78													
3,394.5		40.67		342.34		N17.66W		2,759.7						1715.02		1.58													
3,404.1		39.97		343.29		N16.71W		2,767.0						1720.96		2.91													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
2.50		0		01 - 05		CONTINUE POOH. FLOW CHECK AT 700M.																							
0.25		230		01 - 21		RIG SERVICE. FUNCTION SHEAR RAMS @ MAIN CONTROL. 6 SECONDS CLOSE/OPEN.																							
3.00		245		01 - 07		CHANGE OUT MWD AND MUD MOTOR. LAY DOWN ACCELERATOR AND 6 STANDS HWDP. SHALLOW TEST MWD.																							
4.25		545		01 - 05		RIH WITH REDUCED BHA. BREAK, DOPE AND RE-TORQUE EVERY CONNECTION TO 25 000 FT-LBS.																							
0.25		1000		01 - 62		SAFETY MEETING ON SLIP AND CUT DRILL LINE.																							
1.00		1015		01 - 21		SLIP AND CUT 24 M OF DRILL LINE.																							
6.75		1115		01 - 05		RIH. BREAK, DOPE AND RE-TORQUE EVERY CONNECTION. CHECK ROTARY TORQUE EVERY 10 STANDS.																							
0.25		1800		01 - 21		RIG SERVICE. FUNCTION CHOKE F/ REMOTE. 22 SECONDS OPEN/CLOSE.																							
4.00		1815		01 - 02		DIRECTIONAL DRILL 222MM HOLE F/ 3386M T/ 3415M. 41% SLIDE. AROP = 7.25 M/HR.																							
0.25		2215		01 - 21		RIG SERVICE. FUNCTION HCR @ REMOTE. 2 SECONDS OPEN/CLOSE.																							
0.75		2230		01 - 01		WORK PIPE TO REDUCE TORQUE.																							
0.75		2315		01 - 06		MWD SURVEYS.																							
				-																									
				-																									
				-																									
Safety: MEETING TOPICS: SLIP/CUT JSA: A-14-HOIST TUBULARS, A-26-SET MOTOR, A-18-TIH, A-6-S&C, A-77-P/U SINGLES, A-81-AIR SLIPS.																													
24 Hr Summary: POOH. L/D HWDP, ACCELERATOR. CHANGE MOTOR AND MWD. RIH, CHECK TORQUE EVERY 10 STANDS. DRILL 222MM HOLE F/ 3386M																													
Projected Opm: DIRECTIONALLY DRILL AHEAD 222MM HOLE.																													
Remarks: CONTRACTOR HRS TODAY 240 TOTAL THIS MONTH = 2736																													
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 1950 M3																													
06:00: DRILLING AHEAD AT 3448M.																													
Daily Mud Cost: 2,110				Daily Tangible Cost:				Daily Well Cost: 65,164				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 226,397				Cum Tangible Cost: 287,573				Cum Well Cost: 5,183,785				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/PERRY																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWNK-R3005-400				Date: 14-MAY-2004				Page: 1 Of 1													

CHEVRONTExACO

Metric Drilling Activity Report

Measured Depth:	3,386.0	TVD:	2,760.4	PBTD:	0.0	Proposed MD:	4,722.0	Proposed TVD:	3,236.0														
DOL:	68	DFS:	44	Spud Date:		Daily Footage:	119.0	Daily Rot Hrs:	14.3	Total Rot Hrs:	477.3												
Torq:	22500	Drag:	50.0	Rot Wgt:	125.0	P/U Wgt:	175.0	Slack Off Wgt:	95.0	Wind:		Seas:	0.0 / 0.0	Bar:	0	FOB:							
Last Casing Size:	244.5	Set At:	1,510.0	MD	1,340.0	TVD		Shoe Test:	1530	EMW		Leakoff?	N										
Cum Rot Hrs On Casing:	173.5	Cum Rot Hrs On Casing Since Last Caliper:	173.5	Depth Worst Wear:		% Remaining:																	
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD											
Mud Co:	MARQUIS DRILLING FLD	Type:	MINERAL OIL BASED	Sample From:		Wt:	1125	FV:	62	PV:	13	YP:	6.2	Gel:	5 / 7								
WL	API: 0.0	HHP:	20.0	FC	API: 0.0	HHP:	3.0	Solids:	0.12	% Oil:	71.00	% Water:	16.00	% Sand:	0.00	MBT:	0.0	Ph:					
Pm:	0.00	Pf/Mf:	0.00 / 0.00	Carb:	0	Cl:	30,000	Ca:	10,000	Bent:	0.0	Solids %HG/LG:	/ 0.12	%DS/Bent:	/								
66.0	0.0N/ABARITE	16.0	0.0N/ALIME	30.0	0.0N/AWALNUT	9999.0	0.0N/ATransportat	1.0	0.0N/AMUD ENGR														
17.0	0.0N/ACA CHLOR	12.0	0.0N/ABENTONE	38																			
Drig Gas:	20	Max Gas:	112	Conn Gas:	530	Trip Gas:	0	Trip Cl:		Remarks:													
Bit Number	IADC	Size	Manufacturer	Serial number	Jets (Quantity - Size)	TFA	MD In	MD Out	TVD Out														
13		222.2	REED	205810	6-15.9/ - / - / - / - / -	1187.7	2,764.0																
					- / - / - / - / - / -																		
Type		Hours	WOB	RPM	Motor RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/m									
DSX262	622.0	70.0	7.0/27.0	15 / 30	100									345.67									
			/	/																			
Total Length of BHA:	252.64	BHA Description:	BIT, 171 MTR, 7/8, 5 STAGE SET AT 1.83 DEG, FLOAT SUB, UBHO SUB, 3-MONELS, XO, JARS, 15-127MM HWDP, ACCELERATOR, 6-127MM HWDP																				
						Hrs On Jars:	201.0	Hours Since Last Inspection:															
Bit Num	Liner	Stroke	SPM	Press.	M3/Min	Jet Vel	DP Av	DC Av	Bit kW	BHHP/SQIN	Pump kW												
13	152 / 152 / 0	/ /	105/ /	15000	1.40	19.81	53.92	89.06	5.70	0.1	3256												
	/ /	/ /	/ /																				
Survey MD	Angle	Azimuth	Direction	TVD	N/S Coordinates	E/W Coordinates	Vertical Section	DLS															
3,338.1	39.50	342.99	N17.01W	2,716.8			1680.23	1.39															
3,347.1	40.20	341.99	N18.01W	2,723.7			1685.73	3.16															
3,357.1	40.75	341.29	N18.71W	2,731.3			1691.89	2.14															
3,366.6	40.70	342.26	N17.74W	2,738.5			1697.78	2.01															
Hours	From	Act-Cat	Operations Covering 24 Hours Ending at Midnight						Total Hours Reported: 24.0														
1.75	0	01 - 02	DIRECTIONALLY DRILL 222MM HOLE F/ 3267M T/ 3276M. 33% SLIDE. AROP = 5.14 M/HR.																				
0.50	145	01 - 01	WORK PIPE TO REDUCE TORQUE.																				
0.25	215	01 - 06	MWD SURVEYS.																				
4.00	230	01 - 02	DIRECTIONALLY DRILL 222MM HOLE F/ 3276M T/ 3312M. 29% SLIDE. AROP = 9 M/HR.																				
0.25	630	01 - 21	RIG SERVICE. FUNCTION BOTTOM PIPE RAMS @ MAIN CONTROL. 6 SECONDS OPEN/CLOSE.																				
0.50	645	01 - 01	WORK PIPE TO REDUCE TORQUE.																				
0.75	715	01 - 06	MWD SURVEYS.																				
0.25	800	01 - 62	SAFETY MEETING ON COMPETENCY TRAINING.																				
8.50	815	01 - 02	DIRECTIONALLY DRILL 222MM HOLE F/ 3312M T/ 3385M. 37% SLIDE. AROP = 8.59 M/HR.																				
0.50	1645	01 - 01	WORK PIPE TO REDUCE TORQUE.																				
1.00	1715	01 - 06	MWD SURVEYS.																				
0.25	1815	01 - 21	RIG SERVICE. FUNCTION UPPER PIPE RAMS FROM MAIN CONTROL. 6 SECONDS TO OPEN/CLOSE.																				
1.50	1830	01 - 01	CIRCULATE AND CONDITION MUD PRIOR TO POOH.																				
3.75	2000	01 - 05	COMMENCE POOH. FLOW CHECK AT 3248M AND 2374M.																				
0.25	2345	01 - 21	RIG SERVICE. FUNCTION ANNULAR FROM MAIN CONTROL. 18 SEC CLOSE/OPEN.																				
Safety:	MEETING TOPICS: COMPETENCY TRAIN. JSA: B-37-FUEL TRANS, D-17-LOAD CASING, A-19-TRIPPING, A-58/81-PIPE SPIN, AIR SLIPS.																						
24 Hr Summary:	DRILL 222MM HOLE F/ 3267M TO 3386M. POOH TO 1600M.																						
Projected Opm:	POOH. L/D ACCELERATOR, 6 STANDS DC. SET MOTOR @ 1.5 DEG, BREAK, DOPE AND RETORQUE EACH CONNECTION AND RIH.																						
Remarks:	CONTRACTOR HRS TODAY 276 TOTAL THIS MONTH = 2496																						
WATER HAULED TODAY =	15 M3	TOTAL HAULED =	1950 M3																				
06:00:	RIH AT 150M.																						
Daily Mud Cost:	15,791	Daily Tangible Cost:		Daily Well Cost:	72,471	Incidents:	NO INCIDENT REPORTED																
Cum Mud Cost:	224,287	Cum Tangible Cost:	287,573	Cum Well Cost:	5,118,621	Total Appr:	11,377,106																
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:													
Country:	CANADA	Rig:	AKITA RIG #48	Rig Phone:	403 699 2884	Drilling Rep:	CURTIS/PERRY																
Field:	FT. LIARD	Lease:	CHEVRON ET AL LIARD 2M-25	Well No:		Well ID:	CR0086 -0																
		API No:		AFE No:	RWNMC-R3005-400	Date:	13-MAY-2004	Page:	1 Of 1														

Measured Depth: 3,267.0		TVD: 2,669.6		PBID: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0				
DOL: 67		DFS: 43		Spud Date:		Daily Footage: 112.0		Daily Rot Hrs: 13.8		Total Rot Hrs: 463.0		
Torq: 22500		Drag: 50.0		Rot Wgt: 120.0		P/U Wgt: 170.0		Slack Off Wgt: 90.0		Wind: Seas: 0.0 / 0.0		
Bar: 0		POB:		Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD Shoe Test: 1530 EMW Leakoff? N		
Cum Rot Hrs On Casing: 166.0		Cum Rot Hrs On Casing Since Last Caliper: 166.0		Depth Worst Wear:		% Remaining:						
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		
TVD												
Mud Co: MARQUIS DRILLING FLD		Type: MINERAL OIL BASED		Sample From:		Wt: 1130		FV: 63		FV: 13		
YP: 6.7		Gel: 4 / 8		WL API: 0.0		HIHP: 19.5		FC API: 0.0		HIHP: 3.0		
Solids: 0.14		% Oil: 71.00		% Water: 14.00		% Sand: 0.00		MBT: 0.0		Ph:		
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 30,500		Ca: 10,000		Bent: 0.0		
Solids %HG/LG: / 0.14		%DS/Bent: /		17.0		0.0N/ALIME		30.0		0.0N/AWALNUT		
1.0		0.0N/A MUD ENGR		27.0		0.0N/ACA CHLOR		4.0		0.0N/ABENTONE 38		
1.0		205.0LTR INTDRL EMUL		1.0		205.0LTR INTDRL OW						
Drig Gas: 20		Max Gas: 170		Conn Gas: 200		Trip Gas: 170		Trip Cl:		Remarks:		
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		
TFA		MD In		MD Out		TVD Out						
13				222.2		REED		205810		6 - 15.9 / - / - / - / -		
1187.7		2,764.0										
Type		Hours		WOB		RPM		Motor RPM		I-Row		
O-Row		DC		Loc		B		G		Char		
?Pull		Cost/m		DSX262		503.0		55.8		5.0/27.0		
20 /		100										
Total Length of BHA: 252.64		BHA Description: BIT, 171 MTR, 7/8, 5 STAGE SET AT 1.83 DEG, FLOAT SUB, UBHO SUB, 3-MONELS, XO, JARS, 15-127MM HWDP, ACCELERATOR, 6-127MM HWDP										
Hrs On Jars: 193.5		Hours Since Last Inspection:										
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		
Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW		
13		152 / 152 / 0		/ /		108 / /		15000		1.44		
20.33		55.38		91.44		6.20		0.1		3344		
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		
E/W Coordinates		Vertical Section		DLS		3,252.0		41.15		341.64		
N18.36W		2,651.0						1627.56		1.96		
3,261.4		40.88		340.54		N19.46W		2,658.1				
1633.40		2.46		3,271.2		40.67		340.61		N19.39W		
2,665.6		1639.43		0.66		3,280.7		40.45		340.66		
N19.34W		2,672.8						1645.26		0.70		
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight					Total Hours Reported: 24.0	
0.25		0		01 - 05		TRIP IN HOLE TO 1838 M.						
0.25		15		01 - 62		SAFETY MEETING ON PICKING UP DRILL PIPE.						
1.00		30		01 - 07		PICK UP 27 JOINTS (263 M) OF SS-95 DRILL PIPE.						
2.00		130		01 - 05		CONTINUE TRIP IN HOLE TO 3016 M.						
1.50		330		01 - 01		CIRCULATE OUT TRIP GAS.						
1.25		500		01 - 05		WASH FROM 3064 M TO BOTTOM.						
7.25		615		01 - 02		ATTEMPT TO DRILL 222MM HOLE. HIGH TORQUE AND HARD TO ROTATE. DRILL 222MM HOLE F/ 3155M T/ 3202M. 36% SLIDE.						
				-		AROP = 6.48 M/HR.						
0.25		1330		01 - 21		RIG SERVICE. FUNCTION ANNULAR @ REMOTE. 18 SECONDS CLOSE/OPEN.						
1.00		1345		01 - 01		WORK CONNECTION TO REDUCE TORQUE.						
1.00		1445		01 - 06		MWD SURVEYS.						
0.50		1545		01 - 21		SAFETY MEETING. BOP DRILL. WELL SECURE IN 1 MINUTE.						
6.50		1615		01 - 02		DIRECTIONALLY DRILL 222MM HOLE F/ 3202M T/ 3267M. SLIDE 23%. AROP = 9.69 M/HR..						
1.00		2245		01 - 06		MWD SURVEYS.						
0.25		2345		01 - 21		RIG SERVICE. FUNCTION HCR F/ REMOTE. OPEN/CLOSE 2 SECONDS.						
Safety: SAFETY MEETING TOPICS: FALL PROTECTION. JSA: A-77 - P/U SINGLES, D-32/H-5 - SCUB SUB, A-7 - BOP DRILL, D-10 - CLEAN SUB.												
24 Hr Summary: TTH, WASH TO BOTTOM, DRILL 222MM HOLE F/ 3155M T/ 3267M. 32M (28.6% SLIDE). AROP = 8.15 M/HR.												
Projected Opn: DIRECTIONALLY DRILL AHEAD 222MM HOLE TO CASING POINT.												
Remarks:												
CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 2220												
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 1935 M3												
06:00: DRILLING AHEAD AT 3305M.												
Daily Mud Cost: 5,222		Daily Tangible Cost:		Daily Well Cost: 71,117		Incidents: NO INCIDENT REPORTED						
Cum Mud Cost: 208,496		Cum Tangible Cost: 287,573		Cum Well Cost: 5,046,150		Total Appr: 11,377,106						
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:		
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/PERRY						
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0						
API No:		AFE No: RWNRC-R3005-400		Date: 12-MAY-2004		Page: 1 Of 1						

Measured Depth: 3,155.0		TVD: 2,584.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 66		DFS: 42		Spud Date:		Daily Footage: 69.0		Daily Rot Hrs: 7.8		Total Rot Hrs: 449.3																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /											
WL API:		HIHP:		FC API:		HIHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
				-		STABBING VALVE, INSIDE BOP, BLIND RAMS TO 1400 LOW AND 21000 HIGH																							
0.25		2000		01 - 62		SAFETY MEETING																							
3.00		2015		01 - 14		FINISH PRESSURE TEST KILL VALVES AND LINES, 2 - PIPE RAMS, SURFACE EQUIPMENT TO 1400 LOW AND 21000 HIGH. TEST																							
				-		ANNULAR TO 1400 LOW AND 17500 HIGH. CONDUCT ACCUMULATOR CAPABILITY TEST.																							
0.75		2315		01 - 05		TRIP IN HOLE																							
				-																									
				-																									
				-																									
				-																									
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				-																									
				-																									
Safety:																													
24 Hr Summary:																													
Projected Oprn:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:						Rig: AKITA RIG #48						Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS													
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25						Well No:				Well ID: CR0086 -0													
						API No:				AFE No: RWWNC-R3005-400				Date: 11-MAY-2004				Page: 2 Of 2											

Measured Depth: 3,155.0		TVD: 2,584.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																			
DOL: 66		DFS: 42		Spud Date:		Daily Footage: 69.0		Daily Rot Hrs: 7.8		Total Rot Hrs: 449.3																	
Torq: 22000		Drag: 40.0		Rot Wgt: 120.0		P/U Wgt: 160.0		Slack Off Wgt: 90.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 1530		EMW		Leakoff? N															
Cum Rot Hrs On Casing: 157.5		Cum Rot Hrs On Casing Since Last Caliper: 157.5		Depth Worst Wear:		% Remaining:																					
Liner Size:		Set At: MD		TVD		Liner Top At: MD		TVD																			
Mud Co: MARQUIS DRILLING FLD		Type: MINERAL OIL BASED		Sample From:		Wt: 1140		FV: 63		PV: 13		YP: 6.7		Gel: 4 / 7													
WL API: 0.0		HTHP: 19.5		FC API: 0.0		HTHP: 3.0		Solids: 0.14		% Oil: 72.00		% Water: 14.00		% Sand: 0.00		MBT: 0.0		Ph:									
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 29,500		Ca: 9,200		Bent: 0.0		Solids %HG/LG: / 0.14		%DS/Bent: /													
50.0		0.0N/ABARITE		10.0		0.0N/ALIME		1.0		0.0N/AMUD ENGR		10.0		0.0N/ABENTONE 38		1.0		205.0LTR/IN/DRL EMUL									
Drig Gas: 150		Max Gas: 200		Conn Gas: 400		Trip Gas: 6000		Trip Cl:		Remarks:																	
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out									
13				222.2		REED		205810		6-15.9/ - / - / - / -		1187.7		2,764.0													
										- / - / - / - / -																	
Type		Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
DSX262		391.0		42.0		5.0/16.0		20 /		100																370.83	
Total Length of BHA: 252.70		BHA Description: BIT, 171 MIR, 7/8, 5 STAGE SET AT 1.83 DEG, FLOAT SUB, UBHO SUB, 3-MONELS, XO, JARS, 15-127MM HWDP, ACCELERATOR, 6-127MM HWDP																									
		Hrs On Jars: 185.0		Hours Since Last Inspection:																							
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW					
13		152 / 152 / 0		/ /		92/ /		15000		1.23		17.34		47.27		78.06		3.90		0.1		2853					
		/ /		/ /		/ /																					
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS											
3,112.4		40.40		342.56		N17.44W		2,544.6						1541.26		1.33											
3,131.5		40.67		341.06		N18.94W		2,559.1						1553.05		1.58											
3,139.8		40.08		342.31		N17.69W		2,565.4						1558.15		3.62											
3,146.6		39.60		342.69		N17.31W		2,570.6						1562.31		2.37											
Hours		From		Act-Cat		Operations: Covering 24 Hours Ending at Midnight		Total Hours Reported: 24.0																			
1.75		0		01 - 02		DRILL FROM 3086 - 3098M AROP = 6.8 M/HR																					
0.25		145		01 - 01		WORK CONNECTION TO REDUCE TORQUE																					
4.25		200		01 - 02		DRILL FROM 3098 - 3127M AROP = 6.8 M/HR																					
0.25		615		01 - 01		WORK CONNECTION TO REDUCE TORQUE																					
0.25		630		01 - 21		RIG SERVICE, FUNCTION LOWER PIPE RAMS																					
0.25		645		01 - 02		DRILL FROM 3127 - 3130M AROP = 12 M/HR																					
1.00		700		01 - 06		MWD SURVEY'S																					
1.50		800		01 - 02		DRILL FROM 3130 - 3155M AROP = 16.7 M/HR																					
0.75		930		01 - 01		WORK CONNECTION TO REDUCE TORQUE																					
0.75		1015		01 - 06		MWD SURVEY																					
1.50		1100		01 - 01		CIRCULATE BH SAMPLE																					
4.25		1230		01 - 05		TRIP OUT TO 1440M.																					
0.25		1645		01 - 21		RIG SERVICE, FUNCTION ANNULAR																					
0.25		1700		01 - 62		SAFETY MEETING																					
2.75		1715		01 - 14		PULL WEAR BUSHING, SET TEST PLUG, PRESSURE TEST AS PER PROGRAM. TEST MANIFOLD, CHOKE LINES, STACK VALVES,																					
Safety:		SAFETY MEETING TOPICS: SERVICING EQUIPMENT, PRESSURE TESTING. REVIEW JSA A-35, PRESSURE TESTING																									
24 Hr Summary:		DRILL TO 3155M, TRIP OUT TO 1440M, CONDUCT 15 DAY PRESSURE TEST, RUN IN HOLE																									
Projected Opm:		FINISH RUN IN HOLE, DRILL AHEAD																									
Remarks:		CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 2028																									
WATER HAULED TODAY = 0 M3		TOTAL HAULED = 1935 M3																									
06:00; WASH TO BOTTOM																											
Daily Mud Cost: 4,086		Daily Tangible Cost:		Daily Well Cost: 60,548		Incidents: NO INCIDENT REPORTED																					
Cum Mud Cost: 203,274		Cum Tangible Cost: 287,573		Cum Well Cost: 4,975,033		Total Appr: 11,377,106																					
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																	
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/SPEARS																					
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 - 0																					
API No:		AFE No: RWNK-R3005-400		Date: 11-MAY-2004		Page: 1 Of 2																					

Measured Depth: 3,086.0		TVD: 2,532.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																																													
DOL: 65		DFS: 41		Spud Date:		Daily Footage: 180.0		Daily Rot Hrs: 18.0		Total Rot Hrs: 441.5																																											
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:																																					
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?																																					
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																																									
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD																																					
Mud Co:				Type:				Sample From:				Wt:		FV:		FV:		YP:		Gel: /																																	
WL API: HIHP:				FC API: HIHP:				Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:																																			
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /																																							
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																																											
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out																																	
										- / - / - / - / -																																											
										- / - / - / - / -																																											
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m																									
						/		/																																													
						/		/																																													
Total Length of BHA:																		BHA Description:																																			
																		Hrs On Jars:																		Hours Since Last Inspection:																	
Bit Num		Liner				Stroke				SPM				Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW																									
		/ /				/ /				/ /																																											
		/ /				/ /				/ /																																											
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates				E/W Coordinates				Vertical Section				DLS																															
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight												Total Hours Reported:																																			
1.00		2300		01 - 06		MWD SURVEY'S																																															
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Safety:																																																					
24 Hr Summary:																																																					
Projected Opm:																																																					
Remarks:																																																					
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																																									
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																																									
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:				Blended:																																	
Country:						Rig: AKITA RIG #48						Rig Phone: 403 699 2884						Drilling Rep: CURTIS/SPEARS																																			
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25						Well No:						Well ID: CR0086 -0																																			
						API No:						AFE No: RWWNC-R3005-400						Date: 10-MAY-2004						Page: 2 Of 2																													

Measured Depth:	3,086.0	TVD:	2,532.0	PBTD:	0.0	Proposed MD:	4,722.0	Proposed TVD:	3,236.0										
DOL:	65	DFS:	41	Spud Date:		Daily Footage:	180.0	Daily Rot Hrs:	18.0	Total Rot Hrs:	441.5								
Torq:	18000	Drag:	20.0	Rot Wgt:	110.0	P/U Wgt:	130.0	Slack Off Wgt:	95.0	Wind:		Seas:	0.0 / 0.0	Bar:	0	POB:			
Last Casing Size:	244.5	Set At:	1,510.0	MD	1,340.0	TVD		Shoe Test:	1530	EMW	Leakoff?	N							
Cum Rot Hrs On Casing:	152.0	Cum Rot Hrs On Casing Since Last Caliper:	152.0	Depth Worst Wear:		% Remaining:													
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD							
Mud Co:	MARQUIS DRILLING FLD	Type:	MINERAL OIL BASED	Sample From:		Wt:	1140	FV:	63	FV:	12	YP:	6.2	Gel:	4	/	7		
WL	API: 0.0	HIHP:	18.0	FC	API: 0.0	HIHP:	3.0	Solids:	0.13	% Oil:	74.00	% Water:	13.00	% Sand:	0.00	MBT:	0.0	Ph:	
Pm:	0.00	Pf/Mf:	0.00 / 0.00	Carb:	0	Cl:	25,500	Ca:	9,200	Bent:	0.0	Solids %HG/LG:	/ 0.13	%DS/Bent:	/				
21.0	0.0N/ALIME	1.0	0.0N/AMUD ENGR	30.0	0.0N/ACA CHLOR	7.0	0.0N/ABENTONE	38	2.0	205.0L/IN/IDRL	EMUL								
Drig Gas:	150	Max Gas:	200	Conn Gas:	400	Trip Gas:	6000	Trip Cl:		Remarks:									
Bit Number	IADC	Size	Manufacturer	Serial number	Jets (Quantity - Size)	TFA	MD In	MD Out	TVD Out										
13		222.2	REED	205810	6-15.9/ - / - / - / -	1187.7	2,764.0												
					- / - / - / - / -														
Type		Hours	WOB	RPM	Motor RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/m					
DSX262	322.0	34.3	5.0/16.0	20 /	100									390.12					
			/	/															
Total Length of BHA:	252.70	BHA Description:	BIT, 171 MTR, 7/8, 5 STAGE SET AT 1.83 DEG, FLOAT SUB, UBHO SUB, 3-MONEL'S, XO, JARS, 15-127MM HWDP, ACCELERATOR, 6-127MM HWDP																
		Hrs On Jars:	175.0	Hours Since Last Inspection:															
Bit Num	Liner	Stroke	SPM	Press.	M3/Min	Jet Vel	DP Av	DC Av	Bit kW	BHHP/SQIN	Pump kW								
13	152 / 152 / 0	/ /	92 / /	14000	1.23	17.34	47.27	78.06	3.90	0.1	2664								
	/ /	/ /	/ /																
Survey MD	Angle	Azimuth	Direction	TVD	N/S Coordinates	E/W Coordinates	Vertical Section	DLS											
3,074.3	39.92	343.19	N16.81W	2,515.4			1517.85	2.10											
3,083.6	39.85	343.34	N16.66W	2,522.5			1523.56	0.38											
3,093.9	39.80	343.44	N16.56W	2,530.4			1529.88	0.24											
3,103.0	40.00	342.74	N17.26W	2,537.4			1535.47	1.62											
Hours	From	Act-Cat	Operations Covering 24 Hours Ending at Midnight	Total Hours Reported:	24.0														
2.75	0	01 - 02	DRILL FROM 2906 - 2926M AROP = 7.3 M/HR																
0.25	245	01 - 21	RIG SERVICE, FUNCTION TOP PIPE RAMS																
0.25	300	01 - 01	WORK CONNECTION TO REDUCE TORQUE																
3.50	315	01 - 02	DRILL FROM 2926 - 2960M AROP = 9.7 M/HR																
1.25	645	01 - 06	MWD SURVEY'S																
3.00	800	01 - 02	DRILL FROM 2960 - 2984M AROP = 8.0 M/HR																
0.25	1100	01 - 21	RIG SERVICE, FUNCTION ANNULAR																
0.50	1115	01 - 01	WORK CONNECTION TO REDUCE TORQUE																
0.75	1145	01 - 06	MWD SURVEY'S																
6.00	1230	01 - 02	DRILL FROM 2984 - 3052M AROP = 11.3 M/HR																
0.50	1830	01 - 01	WORK CONNECTION TO REDUCE TORQUE																
1.00	1900	01 - 06	MWD SURVEY'S																
1.50	2000	01 - 02	DRILL FROM 3052 - 3069M AROP = 11.3 M/HR																
0.25	2130	01 - 01	WORK CONNECTION TO REDUCE TORQUE																
1.25	2145	01 - 02	DRILL FROM 3069 - 3086M AROP = 13.6 M/HR																
Safety:	SAFETY MEETING TOPICS: FIRE EXTINGUISHERS, LOCK OUT PROCEDURES, BOILER BLOW DOWN																		
24 Hr Summary:	DRILL AND SURVEY FROM 2006 - 3086M.																		
Projected Opn:	DRILL AHEAD TO 3155M, TRIP TO CASING, SWAP PIPE, CONDUCT 15 DAY PRESSURE TEST																		
Remarks:	CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 1836																		
WATER HAULED TODAY = 15 M3	TOTAL HAULED = 1935 M3																		
06:00;	DRILLING AHEAD AT 3124M.																		
Daily Mud Cost:	5,082	Daily Tangible Cost:		Daily Well Cost:	61,881	Incidents:	NO INCIDENT REPORTED												
Cum Mud Cost:	199,188	Cum Tangible Cost:	287,573	Cum Well Cost:	4,914,485	Total Appr:	11,377,106												
Drill Water:	Potable Water:	Fuel:	Bulk Weight:	Neat Cement:	Blended:														
Country:	CANADA	Rig:	AKITA RIG #48	Rig Phone:	403 699 2884	Drilling Rep:	CURTIS/SPEARS												
Field:	FT. LIARD	Lease:	CHEVRON ET AL LIARD 2M-25	Well No:		Well ID:	CR0086 -0												
API No:		AFE No:	RWNC-R3005-400	Date:	10-MAY-2004	Page:	1 Of 2												

Measured Depth: 2,906.0		TVD: 2,396.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 64		DFS: 40		Spud Date:		Daily Footage: 142.0		Daily Rot Hrs: 16.3		Total Rot Hrs: 423.5																			
Torq: 17000		Drag: 20.0		Rot Wgt: 105.0		P/U Wgt: 125.0		Slack Off Wgt: 90.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 244.5				Set At: 1,510.0 MD 1,340.0 TVD				Shoe Test: 1530 EMW				Leakoff? N																	
Cum Rot Hrs On Casing: 138.0				Cum Rot Hrs On Casing Since Last Caliper: 138.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD TVD				Liner Top At: MD TVD																					
Mud Co: MARQUIS DRILLING FLD				Type: MINERAL OIL BASED				Sample From:		Wt: 1135		FV: 67		FV: 12		YP: 5.3		Gel: 4 / 7											
WL API: 0.0		HIHP: 19.5		FC API: 0.0		HTHP: 3.0		Solids: 0.12		% Oil: 75.00		% Water: 13.00		% Sand: 0.00		MBT: 0.0		Ph:											
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 24,500		Ca: 9,200		Bent: 0.0		Solids %HG/LG: / 0.12		%DS/Bent: /															
10.0		0.0N/ALIME		1.0		0.0N/AMUD ENGR		14.0		0.0N/ACA CHLOR		10.0		0.0N/ABENTONE 38		1.0		205.0L/IRINIDRL EMUL											
Drlg Gas: 150		Max Gas: 200		Conn Gas: 400		Trip Gas: 6000		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
13				222.2		REED		205810		6-15.9/ - / - / - / -				1187.7		2,764.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
DSX262		142.0		16.3		5.0/16.0		20 /		100																		567.78	
						/		/																					
Total Length of BHA: 252.70														BHA Description: BIT, 171 MTR, 7/8, 5 STAGE SET AT 1.83 DEG, FLOAT SUB, UBHO SUB, 3-MONELS, XO, JARS, 15-127MM HWDP, ACCELERATOR, 6-127MM HWDP															
										Hrs On Jars: 142.0				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
13		152 / 152 / 0		/ /		92 / /		13500		1.23		17.34		47.27		78.06		3.90		0.1		2568							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
2,892.8		40.03		345.64		N14.36W		2,378.0						1404.46		2.91													
2,902.3		39.80		345.59		N14.41W		2,385.3						1410.36		0.74													
2,911.9		39.90		345.84		N14.16W		2,392.7						1416.33		0.59													
2,921.4		40.38		345.12		N14.88W		2,400.0						1422.25		2.11													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
2.00		0		01 - 05		RUN IN HOLE																							
2.00		200		01 - 01		CIRCULATE TRIP GAS, WASH TO BOTTOM																							
3.50		400		01 - 02		DRILL FROM 2764 - 2790M AROP = 7.4 M/HR																							
0.50		730		01 - 06		MWD SURVEY'S																							
3.00		800		01 - 02		DRILL FROM 2790 - 2812M AROP = 7.3 M/HR																							
0.25		1100		01 - 21		RIG SERVICE, FUNCTION TOP PIPE RAMS																							
0.25		1115		01 - 01		CIRCULATE, WORK PIPE TO REDUCE TORQUE																							
0.25		1130		01 - 06		MWD SURVEY																							
6.75		1145		01 - 02		DRILL FROM 2812 - 2878M AROP = 9.8 M/HR																							
0.75		1830		01 - 01		CIRCULATE, WORK PIPE TO REDUCE TORQUE																							
0.75		1915		01 - 06		MWD SURVEY'S																							
2.25		2000		01 - 02		DRILL FROM 2878 - 2897M AROP = 8.4 M/HR																							
0.25		2215		01 - 01		CIRCULATE, WORK CONNECTION TO REDUCE TORQUE																							
0.75		2230		01 - 02		DRILL FROM 2897 - 2906M AROP = 12 M/HR																							
0.75		2315		01 - 06		MWD SURVEY'S																							
Safety: SAFETY MEETING TOPICS: RIG RESCUE, DOG COLLAR USE. REVIEW JSA'S: A-4 GREASE CROWN; A-5 CLIMB DERRICK																													
24 Hr Summary: FINISH TRIP IN HOLE, DRILL FROM 2964 - 2906M.																													
Projected Opn: DRILL AHEAD AND SURVEY																													
Remarks: CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 1644																													
WATER HAULED TODAY = 30 M3 TOTAL HAULED = 1920 M3																													
06:00; DRILLING AHEAD AT 2945M.																													
Daily Mud Cost: 3,987				Daily Tangible Cost:				Daily Well Cost: 75,098				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 194,106				Cum Tangible Cost: 287,573				Cum Well Cost: 4,852,604				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWNVC-R3005-400				Date: 09-MAY-2004				Page: 1 Of 1													

Measured Depth: 2,764.0		TVD: 2,287.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0					
DOL: 63		DFS: 39		Spud Date:		Daily Footage: 28.0		Daily Rot Hrs: 12.5		Total Rot Hrs: 407.3			
Torq: 14000		Drag: 20.0		Rot Wgt: 105.0		P/U Wgt: 125.0		Slack Off Wgt: 90.0		Wind: Seas: 0.0 / 0.0			
Bar: 0		POB:		Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD Shoe Test: 1530 EMW Leakoff? N			
Cum Rot Hrs On Casing: 125.0		Cum Rot Hrs On Casing Since Last Caliper: 125.0		Depth Worst Wear:		% Remaining:							
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD			
TVD		Mud Co: MARQUIS DRILLING FLD		Type: MINERAL OIL BASED		Sample From:		Wt: 1145		FV: 66			
FV: 13		YP: 5.3		Gel: 4 / 7		WL API: 0.0		HHP: 19.5		FC API: 0.0			
HHP: 3.0		Solids: 0.13		% Oil: 74.00		% Water: 13.00		% Sand: 0.00		MBT: 0.0			
Ph:		Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 24,500		Ca: 9,200			
Bent: 0.0		Solids %HG/LG: / 0.13		%DS/Bent: /									
63.0 0.0N/ABARITE 1.0 0.0N/AMUD ENGR 2.0 0.0N/ABENTONE 38													
Drlg Gas: 150		Max Gas: 200		Conn Gas: 400		Trip Gas: 6000		Trip Cl:		Remarks:			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)			
TFA		MD In		MD Out		TVD Out							
12		5-4-7		222.2		HUGHES		6020353		3-15.9/ - / - / - / -			
594.8		2,709.0		2,764.0		2,287.0							
13				222.2		REED		205810		6-15.9/ - / - / - / -			
1187.7		2,764.0											
Type		Hours		WOB		RPM		Motor RPM		I-Row			
O-Row		DC		Loc		B		G		Char			
?Pull		Cost/m											
HRS38C		55.0		23.0		10.0/16.0		20 /		90			
DSX262		0.0		0.0		/		/					
										2045.41			
										0.00			
Total Length of BHA: 252.70 BHA Description: BIT, 171 MTR, 7/8, 5 STAGE SET AT 1.83 DEG, FLOAT SUB, UBHO SUB, 3-MONELS, XO, JARS, 15-127MM HWDP, ACCELERATOR, 6-127MM HWDP													
Hrs On Jars: 142.0								Hours Since Last Inspection:					
Bit Num		Liner		Stroke		SPM		Press.		M3/Min			
Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW			
12		152 / 152 / 0		/ /		90 / /		9700		1.20			
33.86		46.24		86.90		14.60		0.2		1806			
13		152 / 152 /		/ /		/ /				0.00			
0.00		0.00		0.00		0.00		0.00		0			
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates			
E/W Coordinates		Vertical Section		DLS									
2,739.8		40.10		340.34		N19.66W		2,261.0					
										1310.46			
2,749.5		40.33		340.21		N19.79W		2,268.4					
										1316.36			
										0.76			
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight					Total Hours Reported: 24.0		
7.75		0		01 - 02		DRILL FROM 2736 - 2753M AROP = 2.2 M/HR							
0.25		745		01 - 06		MWD SURVEY							
0.25		800		01 - 21		RIG SERVICE, FUNCTION TOP PIPE RAMS							
4.75		815		01 - 02		DRILL FROM 2753 - 2764M AROP = 2.3 M/HR							
0.50		1300		01 - 06		MWD SURVEY							
1.50		1330		01 - 01		CIRCULATE BOTTOM SAMPLE							
5.50		1500		01 - 05		TRIP OUT OF HOLE							
1.50		2030		01 - 05		CHANGE OUT MWD, BIT							
2.00		2200		01 - 05		RUN IN HOLE WITH BIT #13							
Safety: SAFETY MEETING TOPICS: MAN LIFT TUGGER. REVIEW JSA'S A-19, TRIP OUT; A-58, OPERATE PIPE SPINNER													
24 Hr Summary: DRILL FROM 2736 - 2764M, TRIP FOR BIT													
Projected Opn: FINISH TRIP, DRILL AHEAD AND SURVEY													
Remarks: CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 1450													
WATER HAULED TODAY = 30 M3 TOTAL HAULED = 1920 M3													
06:00; DRILLING AHEAD AT 2783M.													
Daily Mud Cost: 1,834		Daily Tangible Cost:		Daily Well Cost: 58,564		Incidents: NO INCIDENT REPORTED							
Cum Mud Cost: 190,119		Cum Tangible Cost: 287,573		Cum Well Cost: 4,777,506		Total Appr: 11,377,106							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/SPEARS							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0							
API No:		AFE No: RWMNC-R3005-400		Date: 08-MAY-2004		Page: 1 Of 1							

Measured Depth: 2,736.0		TVD: 2,265.0		PBD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 62		DFS: 38		Spud Date:		Daily Footage: 27.0		Daily Rot Hrs: 10.5		Total Rot Hrs: 394.8																			
Torq: 14000		Drag: 20.0		Rot Wgt: 105.0		P/U Wgt: 125.0		Slack Off Wgt: 90.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 244.5				Set At: 1,510.0				MD 1,340.0		TVD		Shoe Test: 1530		EMW Leakoff? N															
Cum Rot Hrs On Casing: 115.0				Cum Rot Hrs On Casing Since Last Caliper: 115.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: MINERAL OIL BASED				Sample From:		Wt: 1135		FV: 63		FV: 14		YP: 4.3		Gel: 4 / 7											
WL API: 0.0		HTHP: 19.5		FC API: 0.0		HTHP: 3.0		Solids: 0.14		% Oil: 73.00		% Water: 13.00		% Sand: 0.00		MBT: 0.0		Ph:											
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 23,500		Ca: 9,200		Bent: 0.0		Solids %HG/LG: / 0.14		%DS/Bent: /															
5.0		0.0N/ALIME		1.0		0.0N/AMUD ENGR		12.0		0.0N/ACA CHLOR		7.0		0.0N/ABENTONE 38		1.0		205.0LTR INTDRL EMUL											
1.0		205.0LTR INTDRL OW																											
Drig Gas: 150		Max Gas: 200		Conn Gas: 400		Trip Gas: 6000		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
12		5-4-7		222.2		HUGHES		6020353		3-15.9/ - / - / - / -				594.8		2,709.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
HRS38C		27.0		10.5		10.0/16.0		20 /		90																		3009.35	
						/		/																					
Total Length of BHA: 252.70														BHA Description: BIT, 171 MIR, 7/8, 5 STAGE SET AT 1.83 DEG, FLOAT SUB, UBHO SUB, 3-MONELS, XO, JARS, 15-127MM HWDP, ACCELERATOR, 6-127MM HWDP															
										Hrs On Jars: 130.0		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
12		152 / 152 /		/ /		90/ /		9700		1.20		33.95		46.24		86.90		14.50		0.2		1806							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
2,711.0		40.30		340.72		N19.28W		2,239.0						1292.83		1.89													
2,720.9		40.30		341.44		N18.56W		2,246.6						1298.89		1.41													
2,730.4		40.40		341.54		N18.46W		2,253.8						1304.72		0.37													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
2.00		0		01 - 05		TRIP OUT OF HOLE																							
3.00		200		01 - 05		CHANGE OUT BIT, MOTOR, MWD																							
3.00		500		01 - 05		RUN IN HOLE																							
0.25		800		01 - 62		SAFETY MEETING TOPIC, SLIP AND CUT LINE																							
0.75		815		01 - 21		SLIP AND CUT DRILLING LINE																							
0.25		900		01 - 21		RIG SERVICE, FUNCTION HCR																							
2.25		915		01 - 05		RUN IN HOLE TO 2660M.																							
1.00		1130		01 - 01		WASH TO FROM 2660 - 2709M. CIRCULATE TRIP GAS. 1500 UNITS																							
7.25		1230		01 - 02		DRILL FROM 2709 - 2724M AROP = 2.1 M/HR																							
0.25		1945		01 - 06		MWD SURVEY'S																							
0.25		2000		01 - 02		DRILL FROM 2724 - 2726M																							
0.25		2015		01 - 21		RIG SERVICE, FUNCTION HCR																							
3.00		2030		01 - 02		DRILL FROM 2726 - 2736M AROP = 3.3 M/HR																							
0.50		2330		01 - 06		MWD SURVEY																							
Safety: SAFETY MEETING TOPICS: PICK UP DIRECTION TOOLS, WORKING IN WINDY CONDITIONS. REVIEW JSA - TRIPPING.																													
24 Hr Summary: FINISH TRIPPING, DRILL FROM 2709 - 2736M.																													
Projected Opn: DRILL AHEAD, POSSIBLE TRIP FOR BIT.																													
Remarks: CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 1260																													
WATER HAULED TODAY = 0 M3 TOTAL HAULED = 1890 M3																													
06:00; DRILLING AHEAD AT 2751M.																													
Daily Mud Cost: 3,917				Daily Tangible Cost:				Daily Well Cost: 75,649				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 188,285				Cum Tangible Cost: 287,573				Cum Well Cost: 4,718,942				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWNK-R3005-400				Date: 07-MAY-2004				Page: 1 Of 1													

CHEVRONTExACO

Metric Drilling Activity Report

Measured Depth:	2,709.0	TVD:	2,249.0	PBTD:	0.0	Proposed MD:	4,722.0	Proposed TVD:	3,236.0														
DOL:	61	DFS:	37	Spud Date:		Daily Footage:	144.0	Daily Rot Hrs:	15.5	Total Rot Hrs:	384.3												
Torg:	12000	Drag:	20.0	Rot Wgt:	115.0	P/U Wgt:	135.0	Slack Off Wgt:	100.0	Wind:		Seas:	0.0 / 0.0	Bar:	0	POB:							
Last Casing Size:	244.5	Set At:	1,510.0	MD	1,340.0	TVD		Shoe Test:	1530	EMW		Leakoff?	N										
Cum Rot Hrs On Casing:	105.0	Cum Rot Hrs On Casing Since Last Caliper:	105.0	Depth Worst Wear:		% Remaining:																	
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD											
Mud Co:	MARQUIS DRILLING FLD	Type:	MINERAL OIL BASED	Sample From:		Wt:	1155	FV:	68	FV:	17	YP:	5.3	Gel:	4 / 8								
WL	API: 0.0	HIHP:	18.8	FC	API: 0.0	HIHP:	3.0	Solids:	0.14	% Oil:	72.00	% Water:	14.00	% Sand:	0.00	MBT:	0.0	Ph:					
Pm:	0.00	Pf/Mf:	0.00 / 0.00	Carb:	0	Cl:	27,000	Ca:	10,000	Bent:	0.0	Solids %HG/LG:	/ 0.14	%DS/Bent:	/								
40.0	0.0N/ABARITE	7.0	0.0N/ALIME	2.0	0.0N/ASAWDUST	1.0	0.0N/AMUD ENGR	9.0	0.0N/ACA CHLOR														
Drig Gas:	150	Max Gas:	200	Conn Gas:	400	Trip Gas:	6000	Trip Cl:		Remarks:													
Bit Number	IADC	Size	Manufacturer	Serial number	Jets (Quantity - Size)	TFA	MD In	MD Out	TVD Out														
11	M333	222.0	HYC	106685	6 - 9.5 / - / - / - / -	427.7	1,512.0	2,709.0	2,249.0														
					- / - / - / - / -																		
Type		Hours	WOB	RPM	Motor RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/m									
DSX146	1,197.0	117.0	4.0/14.0	/ 20	90									286.12									
			/	/																			
Total Length of BHA:	252.63	BHA Description:	BIT, 7/8 5ST MOTOR, FLOAT SUB, UBHO, 3-171 MONEL DC, JAR, X/O, 15 127MM HWDP, ACCELERATOR, 6 HWDP																				
						Hrs On Jars:	120.0	Hours Since Last Inspection:															
Bit Num	Liner	Stroke	SPM	Press.	M3/Min	Jet Vel	DP Av	DC Av	Bit kW	BHHP/SQIN	Pump kW												
11	152 / 0 / 0	/ /	90 /	12100	1.20	47.18	45.17	76.69	28.60	0.5	2251												
	/ /	/ /	/ /																				
Survey MD	Angle	Azimuth	Direction	TVD	N/S Coordinates	E/W Coordinates	Vertical Section	DLS															
2,660.8	41.20	342.74	N17.26W	2,201.2			1261.47	1.42															
2,670.3	41.28	342.29	N17.71W	2,208.4			1267.44	0.97															
2,679.7	41.38	342.31	N17.69W	2,215.4			1273.36	0.32															
2,693.8	41.20	341.64	N18.36W	2,226.0			1282.21	1.01															
Hours	From	Act-Cat	Operations Covering 24 Hours Ending at Midnight						Total Hours Reported: 24.0														
4.75	0	01 - 02	DRILL FROM 2565 - 2609M AROP = 9.3 M/HR																				
0.25	445	01 - 21	RIG SERVICE, FUNCTION LOWER PIPE RAMS																				
2.00	500	01 - 02	DRILL FROM 2609 - 2625M AROP - 8 M/HR																				
1.00	700	01 - 06	MWD SURVEY'S																				
4.75	800	01 - 02	DRILL FROM 2625 - 2665M AROP = 8.4 M/HR																				
0.25	1245	01 - 21	RIG SERVICE, FUNCTION TOP PIPE RAMS																				
1.00	1300	01 - 06	MWD SURVEY'S																				
4.00	1400	01 - 02	DRILL FROM 2665 - 2709M AROP = 11 M/HR																				
1.00	1800	01 - 06	MWD SURVEY'S																				
1.00	1900	01 - 01	CIRCULATE BOTTOMS UP PRIOR TO TRIP.																				
0.25	2000	01 - 62	SAFETY MEETING; TRIPPING																				
3.75	2015	01 - 05	TRIP OUT OF HOLE																				
		-																					
		-																					
		-																					
Safety: SAFETY MEETING TOPICS: SNOW REMOVAL, ENVIRONMENTAL ISSUES, REVIEW JSA'S D-15, STEAM USE; B-37, TRANSFER INVERT.																							
24 Hr Summary: DRILL FROM 2565 - 2709M, CIRCULATE BOTTOMS UP, TRIP OUT																							
Projected Opm: FINISH TRIP, DRILL AHEAD																							
Remarks: CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 1068																							
WATER HAULED TODAY = 30 M3 TOTAL HAULED = 1890 M3																							
06:00; RUN IN HOLE WITH BIT #13																							
Daily Mud Cost:	1,616	Daily Tangible Cost:		Daily Well Cost:	70,883	Incidents:	NO INCIDENT REPORTED																
Cum Mud Cost:	184,368	Cum Tangible Cost:	287,573	Cum Well Cost:	4,643,293	Total Appr:	11,377,106																
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:													
Country:	CANADA	Rig:	AKITA RIG #48	Rig Phone:	403 699 2884	Drilling Rep:	CURTIS/SPEARS																
Field:	FT. LIARD	Lease:	CHEVRON ET AL LIARD 2M-25	Well No:		Well ID:	CR0086	-0															
		API No:		AFE No:	RWNMC-R3005-400	Date:	06-MAY-2004	Page: 1 Of 1															

Measured Depth:	2,565.0	TVD:	2,137.0	PBTD:	0.0	Proposed MD:	4,722.0	Proposed TVD:	3,236.0										
DOL:	60	DFS:	36	Spud Date:		Daily Footage:	147.0	Daily Rot Hrs:	20.3	Total Rot Hrs:	368.8								
Torq:	12000	Drag:	11.0	Rot Wgt:	114.0	P/U Wgt:	125.0	Slack Off Wgt:	105.0	Wind:		Seas:	0.0 / 0.0	Bar:	0	POB:			
Last Casing Size:	244.5	Set At:	1,510.0	MD	1,340.0	TVD		Shoe Test:	1530	EMW	Leakoff?	N							
Cum Rot Hrs On Casing:	90.0	Cum Rot Hrs On Casing Since Last Caliper:	90.0	Depth Worst Wear:		% Remaining:													
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD							
Mud Co:	MARQUIS DRILLING FLD	Type:	MINERAL OIL BASED	Sample From:		Wt:	1155	FV:	67	PV:	17	YP:	4.8	Gel:	4 / 7				
WL	API: 0.0	HIHP:	18.8	FC	API: 0.0	HIHP:	3.0	Solids:	0.15	% Oil:	70.00	% Water:	14.50	% Sand:	0.00	MBT:	0.0	Ph:	
Pm:	0.00	Pf/Mf:	0.00 / 0.00	Carb:	0	Cl:	30,000	Ca:	10,000	Bent:	0.0	Solids %HG/LG:	/ 0.14	%DS/Bent:	/				
10.0	0.0N/ALIME	1.0	0.0N/AMUD ENGR	10.0	0.0N/ACA CHLOR	6.0	0.0N/ABENTONE	38	1.0	205.0L/IRINIDRL	EMUL								
Drilg Gas:	150	Max Gas:	200	Conn Gas:	400	Trip Gas:	6000	Trip Cl:		Remarks:									
Bit Number	IADC	Size	Manufacturer	Serial number	Jets (Quantity - Size)				TFA	MD In	MD Out	TVD Out							
11	M333	222.0	HYC	106685	6 - 9.5 / - / - / - / -				427.7	1,512.0									
					- / - / - / - / -														
Type		Hours	WOB	RPM	Motor RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/m					
DSX146		1,053.0	101.5	4.0/14.0	/ 20	90								288.45					
			/	/															
Total Length of BHA: 252.63 BHA Description: BIT, 7/8 5ST MOTOR, FLOAT SUB, UBHO, 3-171 MONEL DC, JAR, X/O, 15 127MM HWDP, ACCELERATOR, 6 HWDP																			
										Hrs On Jars:	108.0	Hours Since Last Inspection:							
Bit Num	Liner	Stroke	SPM	Press.	MG/Min	Jet Vel	DP Av	DC Av	Bit kW	BHHP/SQIN	Pump kW								
11	152 / 0 / 0	/ /	92 / /	13000	1.23	48.22	46.15	78.39	30.50	0.5	2471								
	/ /	/ /	/ /																
Survey MD	Angle	Azimuth	Direction	TVD	N/S Coordinates	E/W Coordinates	Vertical Section	DLS											
2,555.9	42.33	343.84	N16.16W	2,122.7			1195.01	1.25											
2,565.2	42.33	343.79	N16.21W	2,129.6			1201.02	0.11											
2,575.1	42.50	343.39	N16.61W	2,136.9			1207.43	0.96											
2,584.5	42.15	344.16	N15.84W	2,143.8			1213.51	2.00											
Hours	From	Act-Cat	Operations Covering 24 Hours Ending at Midnight								Total Hours Reported: 24.0								
7.00	0	01 - 02	DRILL FROM 2418 - 2480M AROP = 8.9 M/HR																
0.75	700	01 - 06	MWD SURVEY'S																
0.25	745	01 - 21	RIG SERVICE, FUNCTION TOP PIPE RAMS																
5.50	800	01 - 02	DRILL FROM 2480 - 2514M. AROP = 6.2 M/HR																
0.25	1330	01 - 62	BOP DRILL																
1.25	1345	01 - 02	DRILL FROM 2514 - 2521M AROP = 5.6 M/HR																
1.00	1500	01 - 06	MWD SURVEY'S																
0.25	1600	01 - 62	BOP DRILL																
0.25	1615	01 - 21	RIG SERVICE, FUNCTION ANNULAR																
6.50	1630	01 - 02	DRILL FROM 2521 - 2656M AROP = 6.8 M/HR																
1.00	2300	01 - 06	MWD SURVEY'S																
0.00		01 - 99	06:00 OPERATION; DRILLING AHEAD AT 2617M.																
		-																	
		-																	
		-																	
Safety: SAFETY MEETING TOPICS: CONNECTIONS, BOP DRILLS, SNOW REMOVAL. REVIEW JSA # B-34; CHANGE PUMP HEAD																			
24 Hr Summary: DRILL FROM 2418 - 2565M.																			
Projected Opn: DRILL AHEAD AND SURVEY. POSSIBLE TRIP FOR PIPE SWAP AND MWD CHANGE																			
Remarks:																			
CONTRACTOR HRS TODAY 192 TOTAL THIS MONTH = 1068																			
WATER HAULED TODAY = 30 M3 TOTAL HAULED = 1890 M3																			
Daily Mud Cost:	3,045	Daily Tangible Cost:		Daily Well Cost:	65,627	Incidents:	NO INCIDENT REPORTED												
Cum Mud Cost:	182,752	Cum Tangible Cost:	287,573	Cum Well Cost:	4,572,410	Total Appr:	11,377,106												
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:	Blended:										
Country:	CANADA	Rig:	AKITA RIG #48	Rig Phone:	403 699 2884	Drilling Rep:	CURTIS/SPEARS												
Field:	FT. LIARD	Lease:	CHEVRON ET AL LIARD 2M-25	Well No:		Well ID:	CR0086 -0												
				API No:		AFE No:	RWNC-R3005-400	Date:	05-MAY-2004	Page: 1 Of 1									

Measured Depth: 2,418.0		TVD: 2,024.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 59		DFS: 35		Spud Date:		Daily Footage: 128.0		Daily Rot Hrs: 11.5		Total Rot Hrs: 348.5																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /											
WL API:		HTHP:		FC API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:																		BHA Description:											
												Hrs On Jars:			Hours Since Last Inspection:														
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
0.25		2345		01 - 21		RIG SERVICE FT HCR.																							
				-																									
				-																									
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				-																									
				-																									
Safety:																													
24 Hr Summary:																													
Projected Oprn:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:						Rig: AKITA RIG #48						Rig Phone: 403 699 2884						Drilling Rep: BRYSON/SPEARS											
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25						Well No:						Well ID: CR0086 -0											
						API No:						AFE No: RWNK-R3005-400						Date: 04-MAY-2004 Page: 2 Of 2											

Measured Depth: 2,418.0		TVD: 2,024.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0					
DOL: 59		DFS: 35		Spud Date:		Daily Footage: 128.0		Daily Rot Hrs: 11.5		Total Rot Hrs: 348.5			
Torq: 12000		Drag: 11.0		Rot Wgt: 114.0		P/U Wgt: 125.0		Slack Off Wgt: 105.0		Wind: Seas: 0.0 / 0.0			
Bar: 0		POB:		Last Casing Size: 244.5		Set At: 1,510.0 MD 1,340.0 TVD		Shoe Test: 1530 EMW		Leakoff? N			
Cum Rot Hrs On Casing: 70.0		Cum Rot Hrs On Casing Since Last Caliper: 70.0		Depth Worst Wear:		% Remaining:							
Liner Size:		Set At: MD		TVD		Liner Top At: MD		TVD					
Mud Co: MARQUIS DRILLING FLD		Type: MINERAL OIL BASED		Sample From:		Wt: 1155		FV: 63		PV: 16			
Yp: 4.8		Gel: 4 / 6		WL API: 0.0		HIHP: 18.3		FC API: 0.0		HIHP: 3.0			
Solids: 0.15		% Oil: 82.00		% Water: 18.00		% Sand: 0.00		MBT: 0.0		Ph:			
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 30,000		Ca: 10,000		Bent: 0.0			
Solids %HG/LG: / 0.14		%DS/Bent: /											
300.0 0.0N/ABARITE		10.0 0.0N/ALIME		32.0 0.0N/A SAWDUST		1.0 0.0N/AMUD ENGR		50.0 0.0N/ACAL CARB					
9.4 0.0N/AENVIROVERT		30.0 0.0N/ACA CHLOR		4.0 0.0N/A BENIONE		38 1.0 205.0LTRINIDRL EMUL		2.0 20.0LTRINIDRL OW					
Drlg Gas: 150		Max Gas: 200		Conn Gas: 400		Trip Gas: 6000		Trip Cl:		Remarks:			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)			
TFA		MD In		MD Out		TVD Out							
11		M333		222.0		HYC		106685		6 - 9.5 / - / - / - / -			
427.7		1,512.0											
Type		Hours		WOB		RPM		Motor RPM		I-Row			
O-Row		DC		Loc		B		G		Char			
?Pull		Cost/m											
DSX146		906.0		81.3		4.0/14.0		/ 20		110			
Total Length of BHA: 252.63 BHA Description: BIT, 7/8 5ST MOTOR, FLOAT SUB, UBHO, 3-171 MONEL DC, JAR, X/O, 15 127MM HWDP, ACCELERATOR, 6 HWDP													
										Hrs On Jars: 88.0		Hours Since Last Inspection:	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min			
Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW			
11		152 / 0 / 0		/ /		90 / /		11100		1.20			
47.18		45.17		76.69		28.40		0.5		2066			
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates			
E/W Coordinates		Vertical Section		DLS									
2,307.2		42.08		342.90		N17.10W		1,933.3					
										1041.65			
										1.24			
2,316.9		42.30		341.37		N18.63W		1,940.5					
										1047.85			
										3.25			
2,326.4		42.30		341.10		N18.90W		1,947.5					
										1053.90			
										0.57			
2,335.9		42.03		341.02		N18.98W		1,954.6					
										1059.94			
										0.87			
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight					Total Hours Reported: 24.0		
1.50		0		01 - 01		CIRC AND CONDITION MUD, MONITOR BG GAS							
4.00		130		01 - 05		FLOW CHECK, PUMP PILL POH TO 885M.							
1.25		530		01 - 20		CHANGE OUT DRESSER SLEEVE GASKETS ON MUD PUMP SUCTION							
1.00		645		01 - 05		RIH, INSTALL 15 STANDS X-95 DP							
0.25		745		01 - 21		RIG SERVICE FT ANNULAR. 23 SEC CLOSE							
1.25		800		01 - 05		RIH							
0.25		915		01 - 02		DRILL F/ 2290M - 2292M							
0.75		930		01 - 01		REDUCE PUMP TO .5M3/MIN, CIRC OUT TRIP GAS - MAX 6000 UNITS							
6.75		1015		01 - 02		DRILL 222MM HOLE F/ 2292M-2350M. 10% SLIDE. AROP - 8.6M/H							
0.25		1700		01 - 21		RIG SERVICE. FT TPR. RSPP.							
1.50		1715		01 - 02		DRILL F/ 2350 - 2371M. 10% SLIDE. AROP -- 14.0 M/H							
1.25		1845		01 - 06		ACCUMULATED SURVEY TIME.							
0.25		2000		01 - 21		PRE TOUR SAFETY MEETING.							
3.00		2015		01 - 02		DRILL F/ 2371M - 2418M. 25% SLIDE. AROP - 15.6 M/H							
0.50		2315		01 - 06		ACCUMULATED SURVEY TIME							
Safety: SAFETY MEETING TOPICS: SPILL RESPONSE. CONTINUOUS MONITORING													
24 Hr Summary: TRIP TO SWAP PIPE, DRILL AHEAD TO 2418M													
Projected Opn: DRILL AHEAD PER DIRECTIONAL PLAN													
Remarks: CONTRACTOR HRS TODAY 168 TOTAL THIS MONTH = 684													
ENVIRONMENTAL INCIDENT REPORTED-SUCTION LINE FAILED ON LP MIXING PUMP. 7M3 OIL BASED MUD ON RIG MATTING IN MUD TANK AREA.													
5M3 CLEANED UP IMMEDIATELY. REPORTED TO NWT SPILL LINE/NEB. REFER TO SPILL REPORT.													
NEB REP RICK TURNER ON LOCATION FOR RIG INSPECTION - NO SERIOUS DEFICIENCIES. ALSO INSPECT SPILL AREA.													
Daily Mud Cost:		15,248		Daily Tangible Cost:		Daily Well Cost:		91,830		Incidents: ENVIRONMENTAL			
Cum Mud Cost:		179,707		Cum Tangible Cost:		287,573		Cum Well Cost:		4,506,783			
Total Appr:		11,377,106											
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: BRYSON/SPEARS							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0							
API No:		AFE No: RWMNC-R3005-400		Date: 04-MAY-2004		Page: 1 Of 2							

Measured Depth:	2,290.0	TVD:	1,927.0	PBID:	0.0	Proposed MD:	4,722.0	Proposed TVD:	3,236.0										
DOL:	58	DFS:	34	Spud Date:		Daily Footage:	201.0	Daily Rot Hrs:	20.3	Total Rot Hrs:	337.0								
Torq:	9000	Drag:	14.0	Rot Wgt:	89.0	P/U Wgt:	103.0	Slack Off Wgt:	79.0	Wind:		Seas:	0.0 / 0.0	Bar:	0	POB:			
Last Casing Size:	244.5	Set At:	1,510.0	MD	1,340.0	TVD		Shoe Test:	1530	EMW		Leakoff?	N						
Cum Rot Hrs On Casing:	70.0	Cum Rot Hrs On Casing Since Last Caliper:	70.0	Depth Worst Wear:		% Remaining:													
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD							
Mud Co:	MARQUIS DRILLING FLD	Type:	MINERAL OIL BASED	Sample From:		Wt:	1165	FV:	63	PV:	15	YP:	4.3	Gel:	4 / 6				
WL	API: 0.0	HHP:	20.0	FC	API: 0.0	HHP:	3.0	Solids:	0.15	% Oil:	81.00	% Water:	19.00	% Sand:	0.00	MBT:	0.0	Ph:	
Pm:	0.00	Pf/Mf:	0.00 / 0.00	Carb:	0	Cl:	33,000	Ca:	10,000	Bent:	0.0	Solids %HG/LG:	/ 0.14	%DS/Bent:	/				
1.0	0.0N/AMUD ENGR																		
Drig Gas:	1000	Max Gas:	9000	Conn Gas:	2660	Trip Gas:		Trip Cl:		Remarks:	MUD DENSITY INCR F/ 1130-1165 KG/M3								
Bit Number	IADC	Size	Manufacturer	Serial number	Jets (Quantity - Size)	TFA	MD In	MD Out	TVD Out										
11	M333	222.0	HVC	106685	6 - 9.5 / - / - / - / -	427.7	1,512.0												
					- / - / - / - / -														
Type		Hours	WOB	RPM	Motor RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/m					
DSX146	778.0	69.8	4.0/12.0	/ 20	110									288.39					
			/	/															
Total Length of BHA:	252.63	BHA Description:	BIT, 7/8 5ST MOTOR, FLOAT SUB, UBHO, 3-171 MONEL DC, JAR, X/O, 15 127MM HWDP, ACCELERATOR, 6 HWDP																
		Hrs On Jars:	76.0	Hours Since Last Inspection:															
Bit Num	Liner	Stroke	SPM	Press.	M3/Min	Jet Vel	DP Av	DC Av	Bit kW	BHHP/SQIN	Pump kW								
11	152 / 0 / 0	/ /	90 / /	10000	1.20	47.18	45.17	76.69	28.80	0.5	1861								
	/ /	/ /	/ /																
Survey MD	Angle	Azimuth	Direction	TVD	N/S Coordinates	E/W Coordinates	Vertical Section	DLS											
2,237.0	42.48	342.44	N17.56W	1,881.4			996.64	0.87											
2,256.2	42.80	341.92	N18.08W	1,895.5			1009.02	0.75											
2,265.6	43.03	340.64	N19.36W	1,902.4			1015.08	2.87											
2,274.7	42.02	341.27	N18.73W	1,909.1			1020.90	3.61											
Hours	From	Act-Cat	Operations Covering 24 Hours Ending at Midnight	Total Hours Reported:	24.0														
7.00	0	01 - 02	DRILL 222MM HOLE F/ 1889M - 1960M. ALL ROTATION. AROP - 10.1M/H																
0.75	700	01 - 06	SURVEY TIME																
0.25	745	01 - 21	RIG SERVICE FT TPR 6 SEC CLOSE																
7.00	800	01 - 02	DRILL F/ 1960M - 2030M. 5% SLIDE. AROP - 10.0 M/H																
0.25	1500	01 - 21	RIG SERVICE FT BPR 6 SEC CLOSE																
3.25	1515	01 - 02	DRILL F/ 2030M - 2061M. 5% SLIDE. AROP - 9.5M/H																
1.50	1830	01 - 06	SURVEY TIME																
0.25	2000	01 - 62	PRE TOUR SAFETY MEETING																
2.75	2015	01 - 02	DRILL F/ 2061M - 2290M. 10% SLIDE. AROP - 10.0 M/H																
0.25	2300	01 - 06	SURVEY TIME																
0.75	2315	01 - 01	CIRC BOTTOMS UP																
0.00		01 - 02																	
		-																	
		-																	
		-																	
Safety:	SURVEY MEETING TOPICS: INVERT TRANSFER, HOUSEKEEPING.																		
24 Hr Summary:	DRILL F/ 2089M - 2290M																		
Projected Opn:	TRIP TO 750M, SWAP PIPE, RIH, DRILL AHEAD PER DIRECTIONAL PLAN.																		
Remarks:	CONTRACTOR HRS TODAY = 168 TOTAL THIS MONTH = 516																		
	WATER HAULED TODAY - 15M3. CUMULATIVE TOTAL - 1860M3																		
	0600 OPERATION: CHANGING DRESSER SLEEVE ON MUD PUMP SUCTION																		
Daily Mud Cost:	525	Daily Tangible Cost:		Daily Well Cost:	77,107	Incidents:	NO INCIDENT REPORTED												
Cum Mud Cost:	164,459	Cum Tangible Cost:	287,573	Cum Well Cost:	4,414,953	Total Appr:	11,377,106												
Drill Water:	Potable Water:	Fuel:	Bulk Weight:	Neat Cement:	Blended:														
Country:	CANADA	Rig:	AKITA RIG #48	Rig Phone:	403 699 2884	Drilling Rep:	BRYSON/SPEARS												
Field:	FT. LIARD	Lease:	CHEVRON ET AL LIARD 2M-25	Well No:		Well ID:	CR0086 -0												
	API No:	AFE No:	RWWNC-R3005-400	Date:	03-MAY-2004	Page:	1 Of 1												

Measured Depth: 2,089.0		TVD: 1,776.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 57		DFS: 33		Spud Date:		Daily Footage: 200.0		Daily Rot Hrs: 19.3		Total Rot Hrs: 316.8																			
Torq: 9000		Drag: 12.0		Rot Wgt: 85.0		P/U Wgt: 97.0		Slack Off Wgt: 72.0		Wind: Seas: 0.0 / 0.0		Bar: 0		FOB:															
Last Casing Size: 244.5				Set At: 1,510.0				MD 1,340.0		TVD		Shoe Test: 1530		EMW		Leakoff? N													
Cum Rot Hrs On Casing: 50.0				Cum Rot Hrs On Casing Since Last Caliper: 50.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: MINERAL OIL BASED				Sample From:		Wt: 1110		FV: 66		PV: 15		YP: 5.3		Gel: 4 / 7											
WL API: 0.0		HTHP: 20.8		FC API: 0.0		HTHP: 3.0		Solids: 0.11		% Oil: 81.00		% Water: 19.00		% Sand: 0.00		MBT: 0.0		Ph:											
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 33,000		Ca: 10,000		Bent: 0.0		Solids %HG/LG: / 0.11		%DS/Bent: /															
162.0 0.0N/ABARITE				1.0 0.0N/AMUD ENGR				20.0 0.0N/A CAL CARB				31.0 0.0N/AENVIROVERT				1.0 205.0LTR INIDRL EMUL													
3.0 20.0LTR INIDRL OW				1.0 205.0LTR INIDRL OW																									
Drlg Gas: 80		Max Gas: 1500		Conn Gas: 3400		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
11		M333		222.0		HYC		106685		6 - 9.5 / - / - / - / -				427.7		1,512.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
DSX146		577.0		49.5		3.0/10.0		/ 20		110																		301.12	
						/		/																					
Total Length of BHA: 252.63				BHA Description: BIT, 7/8 SST MOTOR, FLOAT SUB, UBHO, 3-171 MONEL DC, JAR, X/O, 15 127MM HWDP, ACCELERATOR, 6 HWDP																									
										Hrs On Jars: 57.0		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
11		152 / 0 / 0		/ /		90 / /		9600		1.20		47.18		45.17		76.69		27.60		0.5		1786							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
2,026.7		40.78		342.29		N17.71W		1,722.3						866.85		1.09													
2,036.2		40.72		342.44		N17.56W		1,729.5						872.76		0.36													
2,045.6		40.75		340.91		N19.09W		1,736.6						878.58		3.19													
2,055.4		40.88		340.94		N19.06W		1,744.0						884.63		0.40													
Hours From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0															
7.00		0 01 - 02		DRILL 222MM HOLE F/ 1889M-1960M. 5% SLIDE. AROP - 10.1M/H																									
0.75		700 01 - 06		ACCUMULATED SURVEY TIME																									
0.25		745 01 - 21		RIG SERVICE FT TPR 6 SEC CLOSE																									
7.00		800 01 - 02		DRILL F/ 1960M-2030M. ALL ROTATE. AVG ROP 10.0 M/H																									
0.25		1500 01 - 21		RIG SERVICE FT BPR 6 SEC CLOSE																									
3.25		1515 01 - 02		DRILL F/ 2030M-2061M. ALL ROTATE. AVG ROP 9.5M/H																									
1.50		1830 01 - 06		ACCUMULATED SURVEY TIME																									
0.25		2000 01 - 62		PRE TOUR SAFETY MEETING																									
2.25		2015 01 - 02		DRILL F/ 2061M-2089M. ALL ROTATE. AVG ROP 12.4M/H																									
0.25		2230 01 - 06		ACCUMULATED SURVEY TIME																									
1.25		2245 01 - 01		CIRC, WEIGHT UP TO 1130KG/M3																									
		-																											
		-																											
		-																											
		-																											
Safety: SAFETY MEETING TOPICS: INVERT HANDLING, FALL ARREST, MUD MIXING.																													
24 Hr Summary: DIR DRILL F/ 1889M - 2089M																													
Projected Oprn: DRILL AHEAD PER DIRECTIONAL PLAN																													
Remarks: CONTRACTOR HRS TODAY = 188 TOTAL THIS MONTH = 364																													
WATER HAULED TODAY - 15M3. CUMULATIVE TOTAL - 1845M3																													
0600 OPERATION: DRILLING @ 2135.																													
Daily Mud Cost: 26,426				Daily Tangible Cost:				Daily Well Cost: 103,008				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 163,934				Cum Tangible Cost: 287,573				Cum Well Cost: 4,337,846				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: BRYSON/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWMNC-R3005-400				Date: 02-MAY-2004				Page: 1 Of 1													

CHEVRONTTEXACO

Metric Drilling Activity Report

Measured Depth:	1,889.0	TVD:	1,633.0	PBTD:	0.0	Proposed MD:	4,722.0	Proposed TVD:	3,236.0										
DOL:	56	DFS:	32	Spud Date:		Daily Footage:	89.0	Daily Rot Hrs:	5.0	Total Rot Hrs:	297.5								
Torq:	9000	Drag:	11.0	Rot Wgt:	82.0	P/U Wgt:	93.0	Slack Off Wgt:	70.0	Wind:		Seas:	0.0 / 0.0	Bar:	0	POB:			
Last Casing Size:	244.5	Set At:	1,510.0	MD	1,340.0	TVD		Shoe Test:	1530	EMW		Leakoff?	N						
Cum Rot Hrs On Casing:	30.0	Cum Rot Hrs On Casing Since Last Caliper:	30.0	Depth Worst Wear:		% Remaining:													
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD							
Mud Co:	MARQUIS DRILLING FLD	Type:	MINERAL OIL BASED	Sample From:		Wt:	1085	FV:	65	FV:	13	YP:	4.8	Gel:	3 / 5				
WL	API: 0.0	HIHP:	20.3	FC	API: 0.0	HIHP:	3.0	Solids:	0.10	% Oil:	72.00	% Water:	18.00	% Sand:	0.00	MBT:	0.0	Ph:	
Pm:	0.00	Pf/Mf:	0.00 / 0.00	Carb:	0	Cl:	33,000	Ca:	9,000	Bent:	0.0	Solids %HG/LG:	/ 0.10	%DS/Bent:	/				
42.0	0.0N/ABARITE	65.0	0.0N/ALIME	1.0	0.0N/AMUD ENGR	10.0	0.0N/ACAL CARB	0	58.0	0.0N/ACA CHLOR									
15.0	0.0N/ABENTONE	38	2.0	205.0LTR INIDRL EMUL	15.0	20.0LTR INIDRL OW	3.0	205.0LTR INIDRL OW											
Drig Gas:	70	Max Gas:	7541	Conn Gas:	7726	Trip Gas:	220	Trip Cl:		Remarks:	WELL SHUT IN @ 1879M ON CONNECTION								
Bit Number	IADC	Size	Manufacturer	Serial number	Jets (Quantity - Size)				TFA	MD In	MD Out	TVD Out							
11	M333	222.0	HYC	106685	6 - 9.5 / - / - / - / -				427.7	1,512.0									
					- / - / - / - / -														
Type		Hours	WOB	RPM	Motor RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/m					
DSX146		377.0	30.3	3.0/10.0	/ 20	110								333.23					
					/ / / / / / / / / / / / / / / /														
Total Length of BHA: 252.63 BHA Description: BIT, 7/8 5ST MOTOR, FLOAT SUB, UBHO, 3-171 MONEL DC, JAR, X/O, 15 127MM HWDP, ACCELERATOR, 6 HWDP																			
										Hrs On Jars:	37.0	Hours Since Last Inspection:							
Bit Num	Liner	Stroke	SPM	Press.	M3/Min	Jet Vel	DP Av	DC Av	Bit kW	BHHP/SQIN	Pump kW								
11	152 / 0 / 0	/ /	90 / /	9600	1.20	47.18	45.17	76.69	27.60	0.5	1786								
		/ /	/ /	/ /															
Survey MD	Angle	Azimuth	Direction	TVD	N/S Coordinates	E/W Coordinates	Vertical Section	DLS											
1,832.2	40.35	343.24	N16.76W	1,574.3			745.77	3.47											
1,854.8	41.13	343.37	N16.63W	1,591.5			759.90	1.04											
1,860.8	41.00	343.01	N16.99W	1,596.0			763.67	1.35											
1,873.6	40.60	343.64	N16.36W	1,605.7			771.68	1.35											
Hours	From	Act-Cat	Operations Covering 24 Hours Ending at Midnight							Total Hours Reported: 24.0									
4.00	0	01 - 02	DRILL 222MM HOLE F/ 1800M-1856M. 10% SLIDE. AROP-14M/H																
0.75	400	01 - 06	ACCUMULATED SURVEY TIME																
0.25	445	01 - 21	RIG SERVICE FT TPR 6 SEC CLOSE																
0.75	500	01 - 01	CIRC BOTTOMS UP																
3.75	545	01 - 05	POH, INSTALL 15 STANDS X95																
2.50	930	01 - 05	RIH TO CASING SHOE																
1.00	1200	01 - 21	SLIP&CUT LINE																
1.00	1300	01 - 05	TRIP IN HOLE																
2.50	1400	01 - 02	BREAK CIRC, DRILL F/ 1856M-1879M. 10% SLIDE. AROP-9.2M/H																
6.50	1630	01 - 23	WELL FLOWING WHILE SURVEYING. SHUT IN. LET PRESSURES STABILIZE. SICP 1100KPA. SIDPP 90 KPA. MUD DENSITY																
		-	1085KG/M3 CIRC BOTTOMS UP THROUGH DEGASSER@50 SPM REDUCED SPEED W/ 800 KPA OVERKILL. LARGE AMOUNT OF SWEET GAS																
		-	INITIALLY, DECREASING THROUGHOUT CIRC. SHUT DOWN, BLEED OFF PRESSURE. SICP 325KPA, SIDPP 0. BREAK CIRC W/ 800																
		-	KPA OVERKILL, CIRC WHILE MIX BARITE @ 2 SX PER MINUTE UNTIL 1100 KG/M3 RETURNS. WELL DEAD. CONTINUE CIRC @ 90																
		-	SPM TO EVEN OUT SYSTEM @ 1115KG/M3.																
1.00	2300	01 - 02	DRILL F/ 1879M-1889M. NO SLIDE. AROP 10M/H																
Safety: SAFETY MEETING TOPICS: KICK HANDLING - LIGHTING STACK, WELL CONTROL PROCEDURES																			
24 Hr Summary: DRILL TO 1879M, CIRC OUT KICK. SUSPECT SOURCE OF GAS - FRACTURE @ 1858M.																			
Projected Oprn: DRILL AHEAD PER DIRECTIONAL PLAN																			
Remarks:																			
CONTRACTOR HRS TODAY = 176 TOTAL THIS MONTH = 176																			
WATER HAULED TODAY - 30M3. CUMULATIVE TOTAL - 1830M3																			
0600 OPERATION: DRILLING @ 1937M																			
Daily Mud Cost:	12,020	Daily Tangible Cost:		Daily Well Cost:	118,102	Incidents:	NO INCIDENT REPORTED												
Cum Mud Cost:	137,508	Cum Tangible Cost:	287,573	Cum Well Cost:	4,234,838	Total Appr:	11,377,106												
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:	Blended:										
Country:	CANADA	Rig:	AKITA RIG #48	Rig Phone:	403 699 2884	Drilling Rep:	BRYSON/SPEARS												
Field:	FT. LIARD	Lease:	CHEVRON ET AL LIARD 2M-25	Well No:		Well ID:	CR0086	-0											
API No:				AFE No: RWMNC-R3005-400				Date:	01-MAY-2004	Page: 1 Of 1									

Measured Depth: 1,800.0		TVD: 1,557.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 55		DFS: 31		Spud Date:		Daily Footage: 225.0		Daily Rot Hrs: 20.3		Total Rot Hrs: 292.5																			
Torq: 9000		Drag: 10.0		Rot Wgt: 79.0		P/U Wgt: 89.0		Slack Off Wgt: 69.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 244.5				Set At: 1,510.0 MD 1,340.0 TVD				Shoe Test: 1530 EMW				Leakoff? N																	
Cum Rot Hrs On Casing: 25.0				Cum Rot Hrs On Casing Since Last Caliper: 25.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD TVD				Liner Top At: MD TVD																					
Mud Co: MARQUIS DRILLING FLD				Type: MINERAL OIL BASED				Sample From:		Wt: 1080		FV: 63		FV: 13		YP: 4.3		Gel: 3 / 5											
WL API: 0.0				HIHP: 20.0				FC API: 0.0		HIHP: 3.0		Solids: 0.12		% Oil: 70.00		% Water: 18.00		% Sand: 0.00		MBT: 0.0		Ph:							
Pm: 0.00		Pf/Mf: 0.00 / 0.00		Carb: 0		Cl: 39,000		Ca: 6,000		Bent: 0.0		Solids %HG/LG: / 0.12		%DS/Bent: /															
1.0 0.0N/AMUD ENGR 5.0 20.0LTR INIDRL OW																													
Drig Gas: 50		Max Gas: 250		Conn Gas: 0		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
11		M333		222.0		HYC		106685		6 - 9.5 / - / - / - / -				427.7		1,512.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
DSX146		288.0		25.3		3.0/10.0		/ 20		110																		392.78	
						/		/																					
Total Length of BHA: 252.63														BHA Description: BIT, 7/8 5ST MOTOR, FLOAT SUB, UBHO, 3-171 MONEL DC, JAR, X/O, 15 127MM HWDP, ACCELERATOR, 6 HWDP															
										Hrs On Jars: 32.0				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
11		152 / 0 / 0		/ /		90 / /		9600		1.20		47.18		45.17		76.69		26.90		0.4		1786							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
1,765.3		39.88		345.32		N14.68W		1,523.1						704.53		2.90													
1,774.7		40.50		344.79		N15.21W		1,530.3						710.39		2.26													
1,784.2		40.50		343.32		N16.68W		1,537.5						716.32		3.01													
1,793.8		40.03		343.97		N16.03W		1,544.9						722.27		1.97													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
7.00		0		01 - 02		DRILL 222MM HOLE F/1575M-1646M. 15% SLIDE. AROP-10.1M/H																							
0.75		700		01 - 06		ACCUMULATED SURVEY TIME																							
0.25		745		01 - 21		RIG SERVICE FT ANNULAR																							
6.50		800		01 - 02		DRILL F/ 1646M-1713M. 15 % SLIDE. AROP-10.3M/H																							
0.25		1430		01 - 62		SAFETY MEETING. FT TPR 6SEC CLOSE. RSPP.																							
4.25		1445		01 - 02		DRILL F/ 1713M-1756M. 10% SLIDE. AROP-11.5M/H																							
1.00		1900		01 - 06		ACCUMULATED SURVEY TIME																							
0.25		2000		01 - 62		PRE TOUR SAFETY MEETING. INCINERATOR/DRY CONDITIONS																							
3.50		2015		01 - 02		DRILL F/ 1756M-1800M. 10%SLIDE. AROP-12.6M/H.																							
0.25		2345		01 - 21		RIG SERVICE. FT BOTTOM PIPE RAMS 6 SEC CLOSE.																							
				-																									
				-																									
				-																									
				-																									
				-																									
Safety: SAFETY MEETING TOPICS: OBM HANDLING, REVIEW FIRST AID INCIDENT - ROUGHNECK SPLASHED W/ OBM CAUSING EYE IRRITATION.																													
24 Hr Summary: DRILL AHEAD PER DIRECTIONAL PLAN																													
Projected Opn: DRILL AHEAD. POH TO SWAP PIPE, RIH, DRILL AHEAD.																													
Remarks: CONTRACTOR HRS TODAY = 176 TOTAL THIS MONTH = 6130																													
WATER HAULED TODAY - 30M3. CUMULATIVE TOTAL - 1800M3																													
0600 OPERATION: TRIPPING TO SWAP PIPE																													
Daily Mud Cost: 850				Daily Tangible Cost:				Daily Well Cost: 61,932				Incidents: FIRST AID																	
Cum Mud Cost: 125,488				Cum Tangible Cost: 287,573				Cum Well Cost: 4,116,736				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: BRYSON/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
API No:				AFE No: RWMNC-R3005-400				Date: 30-APR-2004				Page: 1 Of 1																	

Metric **Drilling Activity Report**

Measured Depth: 1,575.0		TVD: 1,385.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																							
DOL: 54		DFS: 30		Spud Date:		Daily Footage: 63.0		Daily Rot Hrs: 5.0		Total Rot Hrs: 272.3																					
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		FOB:															
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?															
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																			
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD															
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /													
WL		API:		HTHP:		FC		API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:									
Rm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /																	
Drlg Gas:				Max Gas:				Conn Gas:				Trip Gas:				Trip Cl:				Remarks:											
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out											
										- / - / - / - / -																					
										- / - / - / - / -																					
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m			
						/		/																							
						/		/																							
Total Length of BHA:				BHA Description:																											
												Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner				Stroke				SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW					
		/ /				/ /				/ /																					
		/ /				/ /				/ /																					
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates				E/W Coordinates				Vertical Section				DLS									
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight												Total Hours Reported:													
3.00		1500		01 - 01		TRANSFER MUD, DISPLACE WELL TO OIL BASED MUD																									
2.00		1800		01 - 02		DRILL 222MM HOLE F/ 1516M-1528M. 50% SLIDE. AROP 6M/H.																									
3.00		2000		01 - 02		DRILL F/ 1528M-1575M. 15% SLIDE. AROP - 15.7M/H.																									
0.25		2300		01 - 62		BOP DRILL. SAFETY MEETING-WORKING W/ INVERT																									
0.50		2315		01 - 06		ACCUMULATED SURVEY TIME																									
0.25		2345		01 - 21		RIG SERVICE. FT BOTTOM PIPE RAMS.																									
				-																											
				-																											
				-																											
				-																											
				-																											
				-																											
				-																											
				-																											
				-																											
Safety:																															
24 Hr Summary:																															
Projected Opn:																															
Remarks:																															
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																			
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																			
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:				Blended:											
Country:								Rig: AKITA RIG #48								Rig Phone: 403 699 2884				Drilling Rep: BRYSON/SPEARS											
Field: FT. LIARD								Lease: CHEVRON ET AL LIARD 2M-25								Well No:				Well ID: CR0086 -0											
								API No:								AFE No: RWMNC-R3005-400				Date: 29-APR-2004				Page: 2 Of 2							

Measured Depth:	1,575.0	TVD:	1,385.0	PBID:	0.0	Proposed MD:	4,722.0	Proposed TVD:	3,236.0																						
DOL:	54	DFS:	30	Spud Date:		Daily Footage:	63.0	Daily Rot Hrs:	5.0	Total Rot Hrs:	272.3																				
Torq:	9000	Drag:	10.0	Rot Wgt:	72.0	P/U Wgt:	82.0	Slack Off Wgt:	62.0	Wind:		Seas:	0.0 / 0.0	Bar:	0	POB:															
Last Casing Size:	244.5	Set At:	1,510.0	MD	1,340.0	TVD		Shoe Test:	0	EMW	Leakoff?																				
Cum Rot Hrs On Casing:	0.0	Cum Rot Hrs On Casing Since Last Caliper:	12.0	Depth Worst Wear:		% Remaining:																									
Liner Size:		Set At:		MD		TVD		Liner Top At:		MD		TVD																			
Mud Co:	MARQUIS DRILLING FLD	Type:	MINERAL OIL BASED	Sample From:		Wt:	1090	FV:	71	FV:	13	YP:	3.4	Gel:	3 / 5																
WL	API: 0.0	HHP:	20.0	FC	API: 1.0	HHP:	3.0	Solids:	0.00	% Oil:	0.00	% Water:	0.00	% Sand:	0.00	MBT:	0.0	Ph:													
Pm:	0.00	Pf/Mf:	0.00 / 0.00	Carb:	0	Cl:	20,000	Ca:	0	Bent:	0.0	Solids %HG/LG:	/ 0.00	%DS/Bent:	/																
1.0	0.0N/AMUD ENGR																														
Drig Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																					
Bit Number	IADC	Size	Manufacturer	Serial number	Jets (Quantity - Size)	TFA	MD In	MD Out	TVD Out																						
11	M333	222.0	HVC	106685	6 - 9.5 / - / - / - / -	427.7	1,512.0																								
					- / - / - / - / -																										
Type		Hours	WOB	RPM	Motor RPM	I-Row	O-Row	DC	Loc	B	G	Char	?Pull	Cost/m																	
DSX146	63.0	5.0	3.0/10.0	/ 20	110									992.06																	
			/	/																											
Total Length of BHA:	252.63	BHA Description:	BIT, 7/8 5ST MOTOR, FLOAT SUB, UBHO, 3-171 MONEL DC, JAR, X/O, 15 127MM HWDP, ACCELERATOR, 6 HWDP																												
						Hrs On Jars:	12.0	Hours Since Last Inspection:																							
Bit Num	Liner	Stroke	SPM	Press.	M3/Min	Jet Vel	DP Av	DC Av	Bit kW	BHHP/SQIN	Pump kW																				
11	152 / /	/ /	90 / /	9600	1.20	47.18	45.17	76.69	26.90	0.4	1786																				
	/ /	/ /	/ /																												
Survey MD	Angle	Azimuth	Direction	TVD	N/S Coordinates	E/W Coordinates	Vertical Section	DLS																							
1,564.6	40.88	343.57	N16.43W	1,369.8			581.67	3.72																							
1,574.1	40.38	342.64	N17.36W	1,377.0			587.59	2.48																							
1,583.6	40.35	342.37	N17.63W	1,384.2			593.46	0.56																							
1,602.9	40.47	340.84	N19.16W	1,398.9			605.33	1.56																							
Hours	From	Act-Cat	Operations Covering 24 Hours Ending at Midnight							Total Hours Reported:	25.0																				
0.25	0	01 - 62	PRE TOUR SAFETY MEETING W/ FI CANADA																												
1.75	15	01 - 07	RIH PICKING UP X-95 DRILL PIPE																												
0.50	200	01 - 07	RIG OUT LAYDOWN TRUCK																												
2.00	230	01 - 07	POH, RACK 51 STANDS X-95																												
0.25	430	01 - 07	RIG SERVICE FT TOP PIPE RAMS 6 SEC CLOSE																												
0.25	445	01 - 62	SAFETY MEETING RE: PICKING UP BHA																												
3.00	500	01 - 07	MAKE UP DIRECTIONAL BHA																												
0.25	800	01 - 62	SAFETY MEETING RE: TRIPPING, EMPLOYEE ORIENTATION																												
2.50	815	01 - 05	RIH TO 1280M. HOLD BOP DRILL.																												
1.00	1045	01 - 05	RIH TO 1480M																												
3.25	1045	01 - 05	CIRC TO FLOAT COLLAR @ 1494M W/ FRESH WATER. DRILL OUT SHOE JOINT, SHOE @ 1508M. CIRC SOFT FILL TO 1512M,																												
		-	DRILL NEW FORMATION TO 1516M. CIRC BOTTOMS UP, PULL PIPE INTO CASING.																												
0.25	1400	01 - 62	SAFETY MEETING W/ FALCON PRESSURE TESTING.																												
0.75	1415	01 - 17	PERFORM FORMATION INTEGRITY TEST TO 15KPA/M GRADIENT. PUMP 210 L @ 20L/MIN. TO MAX APPLIED SURFACE PRESSURE OF																												
		-	6950 KPA. EMD=1530 KG/M3. 244MM SHOE TVD - 1337M.																												
Safety:	SAFETY MEETING TOPICS: PICKING UP BHA. OEM HANDLING. BOP DRILL, CAMP FIRE DRILL																														
24 Hr Summary:	PICK UP PIPE AND BHA, DRILL OUT SHOE TRACK, PERFORM FIT, DRILL AHEAD.																														
Projected Opn:	DRILL AHEAD PER DIRECTIONAL PLAN																														
Remarks:	CONTRACTOR HRS TODAY = 176 TOTAL THIS MONTH = 5954																														
WATER HAULED TODAY - 30M3. CUMULATIVE TOTAL - 1770M3																															
0600 OPERATION: DRILLING@ 1635M																															
Daily Mud Cost:	525	Daily Tangible Cost:		Daily Well Cost:	61,607	Incidents:	NO INCIDENT REPORTED																								
Cum Mud Cost:	124,638	Cum Tangible Cost:	287,573	Cum Well Cost:	4,054,804	Total Appr:	11,377,106																								
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																					
Country:	CANADA	Rig:	AKITA RIG #48	Rig Phone:	403 699 2884	Drilling Rep:	BRYSON/SPEARS																								
Field:	FT. LIARD	Lease:	CHEVRON ET AL LIARD 2M-25	Well No:		Well ID:	CR0086 -0																								
API No:				AFE No: FWMNC-R3005-400				Date:	29-APR-2004	Page:	1 Of 2																				

Metric **Drilling Activity Report**

Measured Depth:		1,512.0		TVD:		1,335.0		PBTD:		0.0		Proposed MD:		4,722.0		Proposed TVD:		3,236.0																					
DOL:		53		DFS:		29		Spud Date:				Daily Footage:				Daily Rot Hrs:		Total Rot Hrs: 267.3																					
Torq:				Drag:				Rot Wgt:				P/U Wgt:				Slack Off Wgt:				Wind:				Seas:		/		Bar:				POB:							
Last Casing Size:				Set At:				MD				TVD				Shoe Test:				EMW				Leakoff?															
Cum Rot Hrs On Casing:								Cum Rot Hrs On Casing Since Last Caliper:								Depth Worst Wear:								% Remaining:															
Liner Size:				Set At:				MD				TVD				Liner Top At:				MD				TVD															
Mud Co:				Type:								Sample From:				Wt:		FV:		PV:		YP:		Gel:		/													
WL		API:		HTHP:		FC		API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:																	
Pm:		Pf/Mf:		/		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG:		/		%DS/Bent:		/																			
Drlg Gas:				Max Gas:				Conn Gas:				Trip Gas:				Trip Cl:				Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out																			
										- / - / - / - / -																													
										- / - / - / - / -																													
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m											
						/		/																															
						/		/																															
Total Length of BHA:				BHA Description:																																			
														Hrs On Jars:				Hours Since Last Inspection:																					
Bit Num		Liner				Stroke				SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW													
		/ /				/ /				/ /																													
		/ /				/ /				/ /																													
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates				E/W Coordinates				Vertical Section				DLS																	
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight														Total Hours Reported:																			
0.25		1945		01 - 07		SAFETY MEETING W/ FI CANADA																																	
0.25		2000		01 - 07		RIG UP LAYDOWN MACHINE																																	
0.75		2015		01 - 07		LAY DOWN 9-DC																																	
3.00		2100		01 - 07		RIH PICKING UP X-95 DRILL PIPE																																	
				-																																			
				-																																			
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				-																																			
Safety:																																							
24 Hr Summary:																																							
Projected Opm:																																							
Remarks:																																							
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																											
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																											
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:				Blended:																			
Country:								Rig: AKITA RIG #48								Rig Phone: 403 699 2884								Drilling Rep: BRYSON/SPEARS															
Field: FT. LIARD								Lease: CHEVRON ET AL LIARD 2M-25								Well No:								Well ID: CR0086 -0															
								API No:								AFE No: RWN-C-R3005-400								Date: 28-APR-2004								Page: 2 Of 2							

Measured Depth: 1,512.0		TVD: 1,335.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 53		DFS: 29		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 267.3																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 244.5		Set At: 1,510.0		MD 1,340.0		TVD		Shoe Test: 0		EMW		Leakoff?																	
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 30.0		Depth Worst Wear:		% Remaining:																							
Liner Size:		Set At: MD		TVD		Liner Top At: MD		TVD																					
Mud Co:		Type:		Sample From:		Wt:		FV:		PV:		YP:		Gel: /															
WL API:		HIHP:		FC API:		HIHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out											
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:																		BHA Description:											
												Hrs On Jars:			Hours Since Last Inspection:														
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
0.50		0		01 - 13		PICK UP BOP STACK																							
0.75		30		01 - 12		SET SLIPS WITH 75000 DAN																							
0.75		115		01 - 12		CUT AND DRESS 244.5MM CASING																							
4.00		200		01 - 12		INSTALL SECONDARY PACKOFF. INSTALL 346MM 34MPA X 279MM 34M ABB CWCT-CWC TUBING HEAD W/ DUAL PROFILE ID AND 2 -																							
				-		52.4 MM 34 MPA FL GATE VALVE.																							
0.50		600		01 - 12		P TEST SEALS TO 17 MPA FOR 15MIN - OK																							
1.00		630		01 - 12		N/U 279MM 34MPA X 346MM 34 MPA DSA																							
3.50		730		01 - 12		NIPPLE UP 346MM 34MPA SS SRSRRA BOP STACK.																							
7.50		1100		01 - 14		INSTALL TEST PLUG.PRESSURE TEST ALL MANIFOLD VALVES, CHOKE LINES, 3 CHOKE LINE VALVES, 4 KILL LINE VALVES, 2																							
				-		KILL LINE CHECK VALVES, KILL LINE,STANDPIPE, KELLY HOSE, HP MUD LINES, 2- PIPE RAMS, SHEAR RAMS, HCR VALVE,																							
				-		STABBING VALVE, INSIDE BOP, KELLY COCK TO 1.5 MPA LOW AND 21 MPA HIGH FOR 5MIN WITH WATER. NO BLEEDOFF.																							
				-		PRESSURE TEST ANNULAR PREVENTER TO 1.5 MPA AND 17.5 MPA FOR 5MIN. NO BLEEDOFF. NO BLEEDOFF. CHK ACCUMULATOR VOL,																							
				-		FUNCTION, RECHARGE TIME ALL OK.																							
0.75		1830		01 - 14		PULL TEST PLUG. P TEST CASING TO 14 MPA - NO BLEEDOFF. INSTALL WEAR BUSHING																							
0.50		1915		01 - 07		TRIP IN W/ DRILL COLLARS																							
Safety: SAFETY MEETING TOPICS: NIPPLE UP, PRESSURE TEST																													
24 Hr Summary: SET SLIPS, N/U TBG HEAD, BOPS, P TEST, RIH P/U DRILL PIPE																													
Projected Opn: M/U BHA, RIH, DRILL OUT, PERFORM FIT, DISPLACE TO OEM																													
Remarks:																													
CONTRACTOR HRS TODAY = 276 TOTAL THIS MONTH = 5778																													
WATER HAULED TODAY - 30M3. CUMULATIVE TOTAL - 1740M3																													
0600 OPERATION: M/U BHA																													
Daily Mud Cost: 4,724		Daily Tangible Cost: 161,000		Daily Well Cost: 235,806		Incidents: NO INCIDENT REPORTED																							
Cum Mud Cost: 124,113		Cum Tangible Cost: 287,573		Cum Well Cost: 3,993,197		Total Appr: 11,377,106																							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																			
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: BRYSON/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: FWMNC-R3005-400				Date: 28-APR-2004				Page: 1 Of 2													

Measured Depth: 1,512.0		TVD: 1,335.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 52		DFS: 28		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 267.3																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		FV:		YP:		Gel: /											
WL API:		HTHP:		FC API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		PF/MF: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
1.00		2200		01 - 09		STAGE FINAL 10M3 IN 5-2M3 STAGES AT .3-.5M3/MIN W/ 10MIN PAUSES. FLUID LEVEL AT FLOW NIPPLE, BUT MINIMAL																							
				-		RETURNS. BUMP PLUG AFTER 58.6M3. FINAL DISPLACEMENT PRESSURE 10500 KPA. BUMP PLUG TO 13000 KPA. FLOATS HELD. NO																							
				-		CEMENT RETURNS. FLUID LEVEL STATIC IN ANNULUS. CIP @ 2300H																							
1.00		2300		01 - 12		LIFT STACK, PREPARE TO SET SLIPS																							
				-																									
				-																									
				-																									
				-																									
				-																									
				-																									
				-																									
				-																									
				-																									
				-																									
				-																									
Safety:																													
24 Hr Summary:																													
Projected Opn:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:						Rig: AKITA RIG #48						Rig Phone: 403 699 2884				Drilling Rep: KERBES/BRYSON													
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25						Well No:				Well ID: CR0086 -0													
						API No:				AFE No: RWNK-R3005-400				Date: 27-APR-2004				Page: 2 Of 2											

Measured Depth: 1,512.0		TVD: 1,335.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 52		DFS: 28		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 267.3																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 339.7				Set At: 383.0 MD				383.0 TVD				Shoe Test: 1427 EMW				Leakoff? N													
Cum Rot Hrs On Casing: 0.0				Cum Rot Hrs On Casing Since Last Caliper: 30.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:		Wt: 1085		FV: 50		PV: 23		YP: 6.7		Gel: 2 / 4											
WL		API: 5.8		HTHP: 0.0		FC		API: 1.0		HTHP: 0.0		Solids: 5.30		% Oil: 0.00		% Water: 0.00		% Sand: 0.00		MBT: 43.0		Ph: 8.5							
Pm: 0.00		Pf/Mf: 0.10 / 0.40		Carb: 120		Cl: 350		Ca: 30		Bent: 28.7		Solids %HG/LG: / 5.30				%DS/Bent: /													
3.0		0.0N/ACAUSTIC		3.0		0.0N/ADESCO		4.0		0.0N/A XCD		119.0		0.0N/ABENTONITE		1.0		0.0N/AMUD ENGR											
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:												BHA Description:																	
												Hrs On Jars:				Hours Since Last Inspection:													
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kw		BHHP/SQIN		Pump kw							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
2.00		0		01 - 05		POH TO RUN CASING																							
0.25		200		01 - 21		RIG SERVICE FT SHEAR RAMS																							
0.75		215		01 - 05		PULL WEAR BUSHING																							
0.25		300		01 - 62		PRE JOB SAFETY MEETING																							
2.25		315		01 - 08		RIG TO RUN CASING																							
2.50		530		01 - 08		M/U SHOE TRACK, RUN 244MM CASING																							
0.25		800		01 - 62		PRE TOUR SAFETY MEETING																							
7.50		815		01 - 08		RUN 108 JTS (1510.64M) OF 244.5MM, 59.5 KG/M, L80, 8RND LT&C CASING. CIRCULATE TO BOTTOM FROM 1496M. SEEPAGE																							
						LOSSES APPROX 2M3/HOUR. UNABLE TO RECIPROCATATE DUE TO HOLE DRAG. CASING LANDED AT 1509.7M.																							
4.25		1545		01 - 08		CIRC, COND MUD @ 1.2M3/MIN CIRC RATE. LOWER YP TO 6.7 PA																							
2.00		2000		01 - 09		CEMENT CASING AS FOLLOWS. DROP WIPER PLUG, INSTALL PLUG LOADING HEAD. P TEST TO 21 MPA. PUMP 3M3 WATER, 3M3																							
						VISWEEP SPACER, 3M3 SCAVENGER @ 1350KG/M3. LEAD SLURRY - 56M3 (65.3T) 1:1:2 'G'+1%CFR, 2%FWCA, @ 1650KG/M3.																							
						ALSO 3% LCC-1 ADDED TO 15T AFTER 10T MIXED. TAIL SLURRY - 8.7M3 (9.7T) THIXMIX II+.4%CL-3, .2%LTR. ALL MIXED																							
						AND PUMPED @ 1.1M3/MIN. DROP PLUG, DISPLACE W/ 45M3 WATER @ 1.0 M3/MIN W/ FULL RETURNS. LOSE PARTIAL RETURNS,																							
						SLOW RATE TO .5 M3 MIN TO 49M3 PUMPED.																							
Safety: SAFETY MEETING TOPICS: RUNNING CASING/ CEMENTING W/ BOTH CREWS																													
24 Hr Summary: RUN AND CEMENT 244MM CASING																													
Projected Opn: SET SLIPS, INSTALL INTERMEDIATE SPOOL. P TEST BOPE																													
Remarks:																													
CONTRACTOR HRS TODAY = 324 TOTAL THIS MONTH = 5502																													
NOTE: CEMENT VOLUMES CALC @ 70% EXCESS OVER GAUGE. EST CEMENT TOP FROM HYDROSTATIC DIFFERENTIAL PRIOR TO LOSSES - 200M.																													
0600 OPERATION: NIPPLE UP 279MM X 346MM DSA																													
Daily Mud Cost:		4,724		Daily Tangible Cost:		0		Daily Well Cost:		198,306		Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost:		119,389		Cum Tangible Cost:		126,573		Cum Well Cost:		3,757,391		Total Appr:		11,377,106															
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:																			
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: KERBES/BRYSON																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWMNC-R3005-400				Date: 27-APR-2004				Page: 1 Of 2													

Measured Depth: 1,512.0		TVD: 1,335.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 51		DFS: 27		Spud Date:		Daily Footage: 865.0		Daily Rot Hrs:		Total Rot Hrs: 267.3																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 339.7				Set At: 383.0 MD 383.0				TVD				Shoe Test: 1427 EMW				Leakoff? N													
Cum Rot Hrs On Casing: 0.0				Cum Rot Hrs On Casing Since Last Caliper: 30.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:				Wt: 1140		FV: 78		PV: 28		YP: 17.0		Gel: 5 / 9									
WL API: 5.6				HIMP: 0.0				FC API: 1.0				HIMP: 0.0				Solids: 8.80		% Oil: 0.00		% Water: 0.00		% Sand: 2.00		MBT: 46.0		Ph: 9.0			
Pm: 0.00		PF/MF: 0.20 / 0.50		Carb: 180		Cl: 400		Ca: 40		Bent: 19.0		Solids %HG/LG: / 8.80				%DS/Bent: /													
2.0		0.0N/ACAUSTIC		17.0		0.0N/ABENTONITE		1.0		0.0N/AMUD ENGR																			
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
7		5-1-7		311.2		HUGHES		6013971		3-25.4 / - / - / - / -				1520.0		1,512.0		1,512.0		0.0									
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
GTCS20		0.0		41.5		0.0/0.0		20 / 20																				0.00	
						/		/																					
Total Length of BHA:										BHA Description:																			
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner				Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW					
7		152 / 152 / 0				/ /		/ 50/		900		0.67		7.38		10.58		13.11		0.40		0.0		93					
		/ /				/ /		/ /																					
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates				E/W Coordinates				Vertical Section				DLS							
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
2.00T		0		01 - 04		BACKREAM F/ 1512M-1346M.																							
4.00T		200		01 - 05		POH TO SURFACE, HOLE GOOD.																							
1.75T		600		01 - 07		LAY DOWN MWD, MOTOR.																							
0.50T		745		01 - 21		RIG SERVICE FT SHEAR RAMS. PRE TOUR SAFETY MEETING																							
5.00T		815		01 - 05		RIH. REAM BRIDGES @ 1496, 1505, 2M FILL ON BOTTOM.																							
1.75T		1315		01 - 01		CIRC, COND MUD, WORK PIPE																							
2.00T		1500		01 - 04		POH WHILE PUMPING TO 1486M. BRIDGES OFF - PIPE STUCK. JAR PIPE TO 1474M, BREAK CIRC AND PULL 40KDAN OVER STRING																							
						WT TO 1462M. POH TO 1410 W/ NO OVERPULL.																							
2.25T		1700		01 - 04		RIH TO 1456M. REAM TO 1511M W/ .6M3/MIN CIRC RATE, 20 RPM.																							
1.75T		1915		01 - 04		BACKREAM PER ABOVE TO 1440M.																							
3.00		2100		01 - 05		POH TO RUN 244MM CASING.																							
Safety: SAFETY MEETING TOPICS: TRIPPING/ HANDLING BHA. MUD MIXING																													
24 Hr Summary: POH, LD DIRECTIONAL EQUIPMENT, RIH, REAM TO BOTTOM. WIPER TRIP- POH TO RUN CASING																													
Projected Opn: POH, RUN AND CEMENT 244MM CASING																													
Remarks:																													
CONTRACTOR HRS TODAY = 300 TOTAL THIS MONTH = 5178																													
WATER HAULED TODAY = 30 M3 TOTAL WATER HAULED = 1680 M3																													
0600 OPERATION: RUNNING 244MM CASING																													
Daily Mud Cost: 814				Daily Tangible Cost: 0				Daily Well Cost: 57,396				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 114,665				Cum Tangible Cost: 126,573				Cum Well Cost: 3,559,085				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: KERBES/BRYSON																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWMNC-R3005-400				Date: 26-APR-2004				Page: 1 Of 1													

Measured Depth: 1,512.0		TVD: 1,335.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 50		DFS: 26		Spud Date:		Daily Footage: 865.0		Daily Rot Hrs:		Total Rot Hrs: 267.3																			
Torq: 0		Drag: 25.0		Rot Wgt: 72.0		P/U Wgt: 97.0		Slack Off Wgt: 58.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 339.7				Set At: 383.0 MD 383.0 TVD				Shoe Test: 1427 EMW				Leakoff? N																	
Cum Rot Hrs On Casing: 0.0				Cum Rot Hrs On Casing Since Last Caliper: 30.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD TVD				Liner Top At: MD TVD																					
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:		Wt: 1145		FV: 67		FV: 29		YP: 15.3		Gel: 4 / 8											
WL API: 5.6		HHP: 0.0		FC API: 1.0		HHP: 0.0		Solids: 9.10		% Oil: 0.00		% Water: 0.00		% Sand: 2.50		MBT: 46.0		Ph: 8.5											
Pm: 0.00		Pf/Mf: 0.20 / 0.40		Carb: 180		Cl: 400		Ca: 40		Bent: 17.6		Solids %HG/LG: / 9.10		%DS/Bent: /															
40.0 0.0N/ABARITE 3.0 0.0N/ACAUSTIC 3.0 0.0N/AXCD 122.0 0.0N/ABENTONITE 1.0 0.0N/ACELLOPHANE																													
7.0 0.0N/APHPA 1.0 0.0N/AMUD ENGR																													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
10		M421		311.2		REED		106182		6-12.7/ - / - / - / -				760.0		1,244.0		1,512.0		1,350.0									
7		5-1-7		311.2		HUGHES		6013971		3-25.4/ - / - / - / -				1520.0		1,512.0													
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
DS 97		268.0		38.3		0.0/0.0		/		200																		359.51	
GTCS20		0.0		41.5		0.0/0.0		20 / 20		180																		0.00	
Total Length of BHA: 197.10				BHA Description: BIT #RR7, MOTOR SET AT 1.50 DEG, XO, FLOAT SUB, UBHO SUB, 3-MONELS, JARS,																									
3-178 DC, XO, 1-127 HWDP, ACCELERATOR, 11-127 HWDP																													
										Hrs On Jars: 160.0				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
10		152 / 152 / 0		/ /		95/ 95/		14000		2.54		55.99		40.17		49.77		82.30		0.7		5499							
7		152 / 152 / 0		/ /		90/ 90/		10000		2.41		26.49		38.04		47.12		17.40		0.1		3716							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
0.75T		0		01 - 01		PUMP 5M3 VISCOUS SWEEP, CIRC HOLE CLEAN																							
7.00T		45		01 - 04		BACK REAM OUT OF HOLE F/ 1285M - 892M.																							
0.25T		745		01 - 21		RIG SERVICE FT ANNULAR 18 SEC CLOSE.																							
2.75T		800		01 - 05		POH TO SURFACE.																							
1.00T		1045		01 - 05		REMOVE 6 DC F/ BHA, CHANGE MOTOR SETTING TO 1.5 DEG, M/U BIT # RR7.																							
0.25T		1145		01 - 21		RIG SERVICE FT SHEAR RAMS.																							
3.00T		1200		01 - 05		RIH TO 970M, TAG BRIDGE																							
1.25T		1500		01 - 04		REAM F/ 970M - 982M, 1077M - 1091M.																							
2.00T		1615		01 - 05		RIH TO 1480M																							
0.75T		1815		01 - 04		WASH IN, TAG HARD FILL@1501M																							
2.00T		1900		01 - 04		CLEAN OUT FILL TO 1512M																							
1.00T		2100		01 - 04		STUCK COMING OFF BOTTOM. WORK FREE.																							
2.00T		2200		01 - 01		CIRC, COND MUD																							
Safety: AFETY MSEETING TOPICS: TRIPPING/ HANDLING BHA																													
24 Hr Summary: TRIP OUT, CHANGE BHA, RIH, REAM TO BOTTOM. COND MUD AND HOLE.																													
Projected Opn: POH TO REMOVE DIRECTIONAL TOOLS.																													
Remarks:																													
CONTRACTOR HRS TODAY = 300 TOTAL THIS MONTH = 4878																													
WATER HAULED TODAY = 30 M3 TOTAL WATER HAULED = 1650 M3																													
0600 OPERATION: POH @ 120M.																													
Daily Mud Cost: 5,283				Daily Tangible Cost: 0				Daily Well Cost: 61,865				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 113,851				Cum Tangible Cost: 126,573				Cum Well Cost: 3,501,689				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:				Blended:									
Country: CANADA						Rig: AKITA RIG #48						Rig Phone: 403 699 2884						Drilling Rep: KERBES/BRYSON											
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25						Well No:						Well ID: CR0086 -0											
API No:						AFE No: RWNMC-R3005-400						Date: 25-APR-2004						Page: 1 Of 1											

Measured Depth: 1,512.0		TVD: 1,335.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 49		DFS: 25		Spud Date:		Daily Footage: 82.0		Daily Rot Hrs: 15.0		Total Rot Hrs: 267.3																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 339.7				Set At: 383.0 MD				383.0 TVD				Shoe Test: 1427 EMW				Leakoff? N													
Cum Rot Hrs On Casing: 0.0				Cum Rot Hrs On Casing Since Last Caliper: 30.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:		Wt: 1120		FV: 63		PV: 23		YP: 15.0		Gel: 4 / 8											
WL API: 5.7 HIHP: 0.0				FC API: 1.0 HIHP: 0.0				Solids: 7.50		% Oil: 0.00		% Water: 0.00		% Sand: 0.25		MBT: 46.0		Ph: 9.0											
Pm: 0.00		PF/Mf: 0.20 / 0.40		Carb: 240		Cl: 425		Ca: 30		Bent: 23.7		Solids %HG/LG: / 7.50				%DS/Bent: /													
1.0 0.0N/AMUD ENGR																													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
10		M421		311.2		REED		106182		6-12.7 / - / - / - / -				760.0		1,244.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
DS 97		268.0		38.3		5.0/23.0		30 /		200																		359.51	
						/		/																					
Total Length of BHA: BHA Description:																													
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
10		152 / 152 / 0		/ /		95/ 95/		14000		2.54		55.99		40.17		49.77		82.30		0.7		5499							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
1,461.8		41.40		345.40		N14.60W		1,292.1						516.89		0.88													
1,471.2		41.00		345.00		N15.00W		1,299.1						522.88		1.53													
1,483.6		40.00		344.00		N16.00W		1,308.6						530.64		2.88													
1,496.6		40.10		344.90		N15.10W		1,318.5						538.70		1.36													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
6.25		0		01 - 02		DRILL 311.2MM HOLE F/ 1430M-1472M. 50% SLIDE. AROP 6.25M/H.																							
0.25		615		01 - 21		RIG SERVICE FT ANNULAR. 20 SEC CLOSE																							
1.50		630		01 - 06		CUMULATIVE SURVEY TIME																							
0.25		800		01 - 62		PRE TOUR SAFETY MEETING																							
8.25		815		01 - 02		DIR DRILL F/ 1472M-1512M. 50% SLIDE. AROP 4.6 M/H. (10-20M/H ROTATE, 2-3M/H SLIDE)																							
0.25		1630		01 - 21		RIG SERVICE FT TOP PIPE RAMS. 6 SEC CLOSE																							
1.25		1645		01 - 06		CUMULATIVE SURVEY TIME																							
2.00		1800		01 - 01		CIRC, COND MUD. PUMP 10M3 HI VIS SWEEP.																							
0.25		2000		01 - 62		PRE TOUR SAFETY MEETING																							
3.50		2015		01 - 04		PUMP OUT F/ 1512M-1285M. UNABLE TO TRIP W/O PUMP																							
0.25		2345		01 - 21		RIG SERVICE FT BOTTOM PIPE RAMS. 6 SEC CLOSE																							
				-																									
				-																									
				-																									
				-																									
Safety: SAFETY MEETING TOPICS: FALL ARREST, CAMP FIRE DRILL, TRIPPING, MIXING MUD CHEMICALS																													
24 Hr Summary: DRILL TO INT CSG 1 TD. CIRC, COND MUD, WIPER TRIP																													
Projected Opn: WIPER TRIP, COND HOLE, POH TO RUN 244.5MM CSG.																													
Remarks:																													
CONTRACTOR HRS TODAY = 300 TOTAL THIS MONTH = 4578																													
WATER HAULED TODAY = 30 M3 TOTAL WATER HAULED = 1620 M3																													
0600 OPERATION: WIPER TRIP-POH @ 785M																													
Daily Mud Cost: 525				Daily Tangible Cost: 0				Daily Well Cost: 57,107				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 108,568				Cum Tangible Cost: 126,573				Cum Well Cost: 3,439,824				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: KERBES/BRYSON																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWNK-R3005-400				Date: 24-APR-2004				Page: 1 Of 1													

Measured Depth: 1,430.0		TVD: 1,278.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 48		DFS: 24		Spud Date:		Daily Footage: 54.0		Daily Rot Hrs: 5.3		Total Rot Hrs: 252.3																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		FOB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:				Wt:		FV:		PV:		YP:		Gel: /									
WL API:		HIHP:		FC API:		HIHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		PF/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates				E/W Coordinates				Vertical Section				DLS							
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
3.00		2030		01 - 02		DRILL F/ 1395M-1430M. 35% SLIDE. AROP 11.7M/H. CONTROL DRILLING PER ABOVE.																							
0.50		2330		01 - 06		CUMULATIVE SURVEY TIME																							
				-																									
				-																									
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				-																									
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				-																									
				-																									
				-																									
				-																									
Safety:																													
24 Hr Summary:																													
Projected Oprn:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:				Blended:									
Country:						Rig: AKITA RIG #48						Rig Phone: 403 699 2884						Drilling Rep: KERBES/BRYSON											
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25						Well No:						Well ID: CR0086 -0											
						API No:						AFE No: RWNMC-R3005-400						Date: 23-APR-2004						Page: 2 Of 2					

Measured Depth: 1,430.0		TVD: 1,278.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																																									
DOL: 48		DFS: 24		Spud Date:		Daily Footage: 54.0		Daily Rot Hrs: 5.3		Total Rot Hrs: 252.3																																							
Torq: 0		Drag: 20.0		Rot Wgt: 68.0		P/U Wgt: 88.0		Slack Off Wgt: 58.0		Wind: Seas: 0.0 / 0.0		Bar: 0		FOB:																																			
Last Casing Size: 339.7				Set At: 383.0 MD				383.0 TVD				Shoe Test: 1427 EMW				Leakoff? N																																	
Cum Rot Hrs On Casing: 0.0				Cum Rot Hrs On Casing Since Last Caliper: 30.0				Depth Worst Wear:				% Remaining:																																					
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD																																	
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:		Wt: 1115		FV: 57		FV: 22		YP: 12.0		Gel: 4 / 7																															
WL		API: 5.7		HIHP: 0.0		FC		API: 1.0		HIHP: 0.0		Solids: 7.25		% Oil: 0.00		% Water: 0.00		% Sand: 0.25		MBT: 43.0		Ph: 8.5																											
Pm: 0.00		Pf/Mf: 0.20 / 0.30		Carb: 120		Cl: 425		Ca: 40		Bent: 21.0		Solids %HG/LG: / 7.25		%DS/Bent: /																																			
7.0		0.0N/ACAUSTIC		3.0		0.0N/AXCD		3.0		0.0N/A POLYDRILL		16.0		0.0N/ASAWDUST		152.0		0.0N/ABENTONITE																															
17.0		0.0N/ACELLOPHANE		9.0		0.0N/APHPA		15.0		0.0N/A MULTI-SEAL		1.0		0.0N/AMUD ENGR		24.0		0.0N/ACA CARB																															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																																							
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out																													
10		M421		311.2		REED		106182		6-12.7/ - / - / - / -				760.0		1,244.0																																	
										- / - / - / - / -																																							
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m																					
DS 97		186.0		23.3		5.0/23.0		30 /		200																		350.03																					
						/		/																																									
Total Length of BHA: 254.97															BHA Description: BIT, MOTOR SET AT 1.83 DEG, XO, FLOAT SUB, UBHO SUB, 3-MONELS, JARS, 7-178																																		
DC, XO, 1-127 HWDP, ACCELERATOR, 11-127 HWDP																																																	
															Hrs On Jars: 130.0					Hours Since Last Inspection:																													
Bit Num		Liner				Stroke				SPM				Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW																					
10		152 / 152 / 0				/ /				90/ 90/				14000		2.41		53.00		38.04		47.12		69.10		0.6		5205																					
		/ /				/ /				/ /																																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates				E/W Coordinates				Vertical Section				DLS																											
1,413.6		41.03		347.14		N12.86W		1,255.8										486.02				0.82																											
1,423.7		40.85		347.22		N12.78W		1,263.5										492.48				0.56																											
1,432.9		41.13		346.49		N13.51W		1,270.4										498.35				1.81																											
1,442.1		41.45		346.14		N13.86W		1,277.3										504.25				1.29																											
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight															Total Hours Reported: 24.0																												
3.25T		0		01 - 04		BACKREAM F/ 715M-600M @ 1M3/MIN CIRC RATE. NO LOSSES																																											
1.75T		315		01 - 05		TRIP OUT OF HOLE																																											
0.25T		500		01 - 21		RIG SERVICE FT SHEAR RAMS																																											
2.75T		515		01 - 05		CHANGE OUT MUD MOTOR. MOTOR FAILED - PIECES OF BEARING, OTHER METAL IN BIT. MAKE UP SAME BIT, PREPARE TO RIH.																																											
0.25T		800		01 - 62		PRE TOUR SAFETY MEETING																																											
0.75T		815		01 - 05		RIH BHA																																											
0.75T		900		01 - 21		SLIP & CUT DRILLING LINE																																											
0.25T		945		01 - 21		RIG SERVICE FT TPR 6 SEC CLOSE																																											
2.00T		1000		01 - 05		RIH TO 769M, HIT BRIDGE.																																											
5.00T		1200		01 - 04		RUN IN, REAM SEVERAL BRIDGES F/ 769 TO 1367M.																																											
2.25		1700		01 - 02		DRILL 311.2MM HOLE F/ 1376M-1395M. 50% SLIDE. AROP 6.3M. CONTROL DRILLING TO MAINTAIN INSTANTANEOUS ROP UNDER																																											
				-		15M/H																																											
0.75		1915		01 - 06		CUMULATIVE SURVEY TIME																																											
0.25		2000		01 - 62		PRE TOUR SAFETY MEETING																																											
0.25		2015		01 - 21		RIG SERVICE FT CHOKE																																											
Safety: SAFETY MEETING TOPICS: WIND SAFETY, TRIPPING, SAFETY AROUND UNOTEC HOE, FALL ARREST.																																																	
24 Hr Summary: POH, CHANGE OUT MOTOR, RIH, REAM TO BOTTOM,DIR DRILL F/1376M-1430M.																																																	
Projected Opn: DRILL TO CASING POINT AT 1512M, CONDITION HOLE/WIPER TRIP. POH TO RUN 244MM CASING.																																																	
Remarks: CONTRACTOR HRS TODAY = 300 TOTAL THIS MONTH = 4278																																																	
WATER HAULED TODAY = 45 M3 TOTAL WATER HAULED = 1590 M3																																																	
0600 OPERATION: DRILLING @1467M																																																	
Daily Mud Cost: 7,617					Daily Tangible Cost: 0					Daily Well Cost: 65,199					Incidents: NO INCIDENT REPORTED																																		
Cum Mud Cost: 108,043					Cum Tangible Cost: 126,573					Cum Well Cost: 3,382,717					Total Appr: 11,377,106																																		
Drill Water:					Potable Water:					Fuel:					Bulk Weight:					Neat Cement: Blended:																													
Country: CANADA										Rig: AKITA RIG #48										Rig Phone: 403 699 2884										Drilling Rep: KERBES/BRYSON																			
Field: FT. LIARD										Lease: CHEVRON ET AL LIARD 2M-25										Well No:										Well ID: CR0086 -0																			
										API No:										AFE No: RWMNC-R3005-400										Date: 23-APR-2004										Page: 1 Of 2									

Measured Depth: 1,376.0		TVD: 1,243.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0					
DOL: 47		DFS: 23		Spud Date:		Daily Footage: 0.0		Daily Rot Hrs:		Total Rot Hrs: 247.0			
Torq: 0		Drag: 20.0		Rot Wgt: 68.0		P/U Wgt: 88.0		Slack Off Wgt: 58.0		Wind: Seas: 0.0 / 0.0			
Last Casing Size: 339.7		Set At: 383.0		MD 383.0		TVD		Shoe Test: 1427		EMW Leakoff? N			
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 30.0		Depth Worst Wear:		% Remaining:							
Liner Size:		Set At: MD		TVD		Liner Top At: MD		TVD					
Mud Co: MARQUIS DRILLING FLD		Type: CLAY BASED NON-DISPERSED		Sample From:		Wt: 1090		FV: 68		PV: 24			
WL API: 5.3		HTHP: 0.0		FC API: 1.0		HTHP: 0.0		Solids: 5.60		% Oil: 0.00			
Pm: 0.00		Pf/Mf: 0.20 / 0.40		Carb: 240		Cl: 400		Ca: 40		Bent: 21.0			
Solids %HG/LG: / 5.60		%DS/Bent: /											
6.0 0.0N/ACAUSTIC		1.0 0.0N/ADESCO		5.0 0.0N/A XCD		6.0 0.0N/ASAWDUST		8.0 0.0N/APHPA					
1.0 0.0N/AMUD ENGR													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)			
10		M421		311.2		REED		106182		6-12.7 / - / - / - / -			
										- / - / - / - / -			
Type		Hours		WOB		RPM		Motor RPM		I-Row			
DS 97		132.0		18.0		0.0/0.0		/		200			
Total Length of BHA: 254.97		BHA Description: BIT, MOTOR SET AT 1.83 DEG, XO, FLOAT SUB, UBHO SUB, 3-MONELS, JARS, 7-178											
DC, XO, 1-127 HWDP, ACCELERATOR, 11-127 HWDP													
								Hrs On Jars: 112.0		Hours Since Last Inspection:			
Bit Num		Liner		Stroke		SPM		Press.		M3/Min			
10		152 / 152 / 0		/ /		90/ 90/		13300		2.41			
		/ /		/ /		/ /							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates			
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight						Total Hours Reported: 22.0	
0.50T		0		01 - 04		RIH ON WIPER TRIP F/ 1190M-1370M. HOLE GOOD.							
1.00T		30		01 - 04		ATTEMPT TO DRILL, UNSUCCESSFUL. UNABLE TO OBTAIN MOTOR DIFFERENTIAL W/ VARIED PUMP RATES, ROTARY, WOB. SLIGHT							
				-		MUD LOSSES.							
0.50T		130		01 - 21		RIG SERVICE FT LPR, PUT GEN#3 BACK ON LINE.							
1.50T		200		01 - 04		BACK REAM F/ 1376M-1200M. LOSING MUD, MIXING LCM INTO SUCTION.							
0.50T		330		01 - 05		POH TO 1080M. CONTINUE LOSING MUD, MIXING LCM. TOTAL LOSSES 60M3.							
4.00T		400		01 - 01		MIX MUD, BUILD VOLUME							
5.75T		1000		01 - 04		BACKREAM F/ 1076M-840M. WELL BRIDGES OFF SEVERAL TIMES, PRESSURE INDUCES LOSSES, TREAT W/ LCM. LOSSES= 40M3							
0.25T		1545		01 - 21		RIG SERVICE FT ANNULAR							
2.00T		1600		01 - 01		MIUX MUD, BUILD VOLUME.							
5.75T		1800		01 - 04		BACKREAM F/ 840M-715M. MUD LOSSES SMALL.							
0.25T		2345		01 - 04		RIG SERVICE FT TPR 6 SEC CLOSE							
				-									
				-									
				-									
Safety: SAFETY MEETING TOPICS: FALL ARREST, MUD MIXING, REAMING													
24 Hr Summary: RIG SERVICE FT TPR 6 SEC CLOSE													
Projected Opn: RIH, DRILL TO CASING POINT.													
Remarks: CONTRACTOR HRS TODAY = 300 TOTAL THIS MONTH = 3978													
WATER HAULED TODAY = 90 M3 TOTAL WATER HAULED = 1545 M3													
0600 OPERATION: LAYING DOWN MOTOR													
Daily Mud Cost: 4,562		Daily Tangible Cost: 0		Daily Well Cost: 62,144		Incidents: NO INCIDENT REPORTED							
Cum Mud Cost: 100,426		Cum Tangible Cost: 126,573		Cum Well Cost: 3,317,518		Total Appr: 11,377,106							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement: Blended:					
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: KERBES/BRYSON							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0							
API No:		AFE No: RWN-C-R3005-400		Date: 22-APR-2004		Page: 1 Of 1							

Measured Depth: 1,376.0		TVD: 1,243.0		PBID: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 46		DFS: 22		Spud Date:		Daily Footage: 132.0		Daily Rot Hrs: 18.0		Total Rot Hrs: 247.0																			
Torq: 0		Drag: 20.0		Rot Wgt: 68.0		P/U Wgt: 88.0		Slack Off Wgt: 58.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 339.7				Set At: 383.0 MD 383.0				TVD		Shoe Test: 1427 EMW		Leakoff? N																	
Cum Rot Hrs On Casing: 0.0				Cum Rot Hrs On Casing Since Last Caliper: 30.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:		Wt: 1170		FV: 66		FV: 26		YP: 16.3		Gel: 4 / 8											
WL API: 5.7				HIHP: 0.0		FC API: 1.0		HIHP: 0.0		Solids: 10.60		% Oil: 0.00		% Water: 0.00		% Sand: 0.25		MBT: 54.0		Ph: 9.0									
Pm: 0.00		PF/MF: 0.20 / 0.40		Carb: 240		Cl: 425		Ca: 40		Bent: 20.7		Solids %HG/LG: / 10.60				%DS/Bent: /													
6.0		0.0N/ACAUSTIC		1.0		0.0N/ADESCO		4.0		0.0N/AXCD		5.0		0.0N/ASAWDUST		12.0		0.0N/APHPA											
1.0		0.0N/AMUD ENGR																											
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
10		M421		311.2		REED		106182		6-12.7 / - / - / - / -				760.0		1,244.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		%Pull		Cost/m	
DS 97		132.0		18.0		5.0/20.0		30 /		200																		410.37	
						/		/																					
Total Length of BHA: 254.97				BHA Description: IT, MOTOR SET AT 1.83 DEG, XO, FLOAT SUB, UBHO SUB, 3-MONELS, JARS, 7-178 DC, XO, 1-127 HWDP, ACCER, 11-127 HWDP																									
										Hrs On Jars: 90.0		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
10		152 / 152 /		/ /		99/ 99/		13300		2.65		58.31		41.85		51.85		88.80		0.8		5439							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
1,298.9		41.38		345.54		N14.46W		1,168.8						413.63		1.71													
1,313.2		41.28		345.07		N14.93W		1,179.5						422.76		0.69													
1,327.4		41.22		344.41		N15.59W		1,190.2						431.80		0.93													
1,341.2		40.40		344.41		N15.59W		1,200.6						440.48		1.78													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
5.50		0		01 - 02		DRILL 311.2MM HOLE F/1244M-1285M. 40% SLIDE. AROP 7.5M/H																							
0.25		530		01 - 21		RIG SERVICE FT UPPER PIPE RAMS. 6SEC CLOSE																							
1.25		545		01 - 02		DRILL F/ 1285M-1295M. 50% SLIDE. AROP 8.0M/H																							
1.00		700		01 - 06		ACCUMULATED SURVEY TIME																							
0.25		800		01 - 62		PRE TOUR SAFETY MEETING																							
6.75		815		01 - 02		DRILL F/ 1295M-1335M. 75% SLIDE. AROP 5.9M/H																							
0.25		1500		01 - 21		RIG SERVICE FT REMOTE CHOKE																							
0.75		1515		01 - 06		ACCUMULATED SURVEY TIME																							
0.50		1600		01 - 62		SAFETY MEETING/ BOP DRILL/ NEW EMPLOYEE ORIENTATION																							
4.25		1630		01 - 02		DRILL F/ 1335M-1376M. 50% SLIDE. AROP 9.7M/H																							
0.25		2045		01 - 21		RIG SERVICE FT BPR. 6 SEC CLOSE																							
0.50		2100		01 - 06		ACCUMULATED SURVEY TIME																							
1.00		2130		01 - 01		UNABLE TO OBTAIN MOTOR DIFF SLIDING, WORK PIPE - NO SUCCESS. CIRC, COND MUD PREPARE TO WIPER TRIP																							
1.50		2230		01 - 04		PUMP OUT 7 STANDS TO 1176M																							
Safety: SAFETY MEETING TOPICS: BOP DRILL, NEW EMPLOYEE ORIENTATION. MOTOR. REVIEW JSA 19 TTRIP OUT OF HOLE.																													
24 Hr Summary: DIRECTIONAL DRILL F/ 1244M-1376M. WIPER TRIP.																													
Projected Opn: RIH, DRILL AHEAD PER DIRECTIONAL PROPOSAL.																													
Remarks: CONTRACTOR HRS TODAY = 192 TOTAL THIS MONTH = 3678																													
WATER HAULED TODAY = 30 M3 TOTAL WATER HAULED = 1455 M3																													
0600 OPERATION: BUILDING VOLUME																													
Daily Mud Cost: 4,669				Daily Tangible Cost: 0				Daily Well Cost: 61,523				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 95,864				Cum Tangible Cost: 126,573				Cum Well Cost: 3,255,374				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:				Blended:									
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/KERBES/BRYSON																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RMWNC-R3005-400				Date: 21-APR-2004				Page: 1 Of 1													

Metric **Drilling Activity Report**

Measured Depth: 1,244.0		TVD: 1,146.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 45		DFS: 21		Spud Date:		Daily Footage: 23.0		Daily Rot Hrs: 7.0		Total Rot Hrs: 229.0																			
Torq: 0		Drag: 10.0		Rot Wgt: 67.0		P/U Wgt: 77.0		Slack Off Wgt: 57.0		Wind: Seas: 0.0 / 0.0 Bar: 0 POB:																			
Last Casing Size: 339.7		Set At: 383.0		MD 383.0		TVD		Shoe Test: 1427		EMW Leakoff? N																			
Cum Rot Hrs On Casing: 0.0		Cum Rot Hrs On Casing Since Last Caliper: 22.0		Depth Worst Wear:		% Remaining:																							
Liner Size:		Set At: MD		TVD		Liner Top At: MD		TVD																					
Mud Co: MARQUIS DRILLING FLD		Type: CLAY BASED NON-DISPERSED		Sample From:		Wt: 1160		FV: 68		PV: 25 YP: 15.8 Gel: 4 / 7																			
WL API: 5.5		HHP: 0.0		FC API: 1.0		HHP: 0.0		Solids: 10.00		% Oil: 0.00 % Water: 0.00 % Sand: 0.20 MBT: 52.0 Ph: 9.0																			
Pm: 0.00		Pf/Mf: 0.15 / 0.30		Carb: 180		Cl: 325		Ca: 20		Bent: 20.8 Solids %HG/LG: / 10.00 %DS/Bent: /																			
1.0 0.0N/ACAUSTIC		4.0 0.0N/ASANDUST		40.0 0.0N/ABENTONITE		4.0 0.0N/APHPA		1.0 0.0N/AMUD ENGR																					
9.0 0.0N/ACAL CARB																													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out											
9				311.2		REED		203842		6-12.7/3-9.5/ - / - / -		972.9		1,209.0		1,244.0		1,146.0											
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
DSX 133		35.0		10.5		12.0/18.0		20 / 20		180																		1220.24	
						/		/																					
Total Length of BHA: 254.97		BHA Description: BIT, MOTOR SET AT 1.83 DEG, XO, FLOAT SUB, UBHO SUB, 3-MONELS, JARS, 7-178																											
DC, XO, 1-127 HWDP, ACCELERATOR, 11-127 HWDP																													
										Hrs On Jars: 80.0		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
9		152 / 152 / 0		/ /		100/100		15000		2.68		46.02		42.28		52.36		60.60		0.5		6197							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
1,223.0		42.75		346.84		N13.16W		1,112.8								363.92		4.93											
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
1.75		0		01 - 02		DRILL FROM 1221 - 1228M AROP = 4 M/HR MOTOR STAB HANGING UP,																							
0.25		145		01 - 21		RIG SERVICE, FUNCTION ANNULAR																							
5.25		200		01 - 02		DRILL FROM 1228 - 1244M. AROP = 3.2 M/HR MOTOR STAB HANGING UP, NOT ABLE TO GET WEIGHT TO BIT																							
0.75		715		01 - 06		MWD SURVEY'S																							
9.00		800		01 - 04		BACKREAM FROM 1244 - 409M.																							
0.25		1700		01 - 21		RIG SERVICE, FUNCTION LOWER RAMSW																							
3.00		1715		01 - 05		TRIP OUT, UNABLE TO BREAK STAB OFF OF MOTOR, LAY DOWN MOTOR, PICK UP USED MOTOR.																							
0.25		2015		01 - 62		SAFETY MEETING																							
3.50		2030		01 - 05		RUN IN HOLE, WASH TO BOTTOM FROM 1171M. NO FILL																							
0.00				01 - 99		06:00; DRILLING AHEAD AT 1285M.																							
				-																									
				-																									
				-																									
				-																									
				-																									
				-																									
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: TRIPPING, WORK TIGHT HOLE, REVIEW JSA A-28, PICK UP MUD MOTOR																													
24 Hr Summary: DRILL 1221 - 1228M, BACK REAM 1224 - 409M, TRIP OUT, CHANGE MOTOR, BIT, RUN IN HOLE, WASH TO BOTTOM																													
Projected Opn: DRILL AHEAD AND SURVEY.																													
Remarks:																													
CONTRACTOR HRS TODAY = 180 TOTAL THIS MONTH = 3576																													
WATER HAULED TODAY = 30 M3 TOTAL WATER HAULED = 1455 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																													
Daily Mud Cost: 1,803		Daily Tangible Cost: 0		Daily Well Cost: 58,657		Incidents: NO INCIDENT REPORTED																							
Cum Mud Cost: 91,195		Cum Tangible Cost: 126,573		Cum																									

Measured Depth: 1,221.0		TVD: 1,128.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 44		DFS: 20		Spud Date:		Daily Footage: 12.0		Daily Rot Hrs: 3.5		Total Rot Hrs: 222.0																			
Torq: 7500		Drag: 10.0		Rot Wgt: 67.0		P/U Wgt: 77.0		Slack Off Wgt: 57.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 339.7				Set At: 383.0 MD				383.0 TVD				Shoe Test: 1427 EMW				Leakoff? N													
Cum Rot Hrs On Casing: 6.0				Cum Rot Hrs On Casing Since Last Caliper: 22.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:				Wt: 1160		FV: 58		PV: 22		YP: 9.6		Gel: 3 / 5									
WL API: 5.5				HTHP: 0.0				FC API: 1.0				HTHP: 0.0				Solids: 10.00		% Oil: 0.00		% Water: 0.00		% Sand: 0.20		MBT: 57.0		Ph: 9.0			
Pm: 0.00		Pf/Mf: 0.10 / 0.20		Carb: 120		Cl: 325		Ca: 30		Bent: 26.6		Solids %HG/LG: / 10.00				%DS/Bent: /													
30.0 0.0N/ABARITE				1.0 0.0N/ACAUSTIC				4.0 0.0N/A SAWDUST				1.0 0.0N/ACELLOPHANE				1.0 0.0N/APHPA													
717.0 0.0N/ATransportat				1.0 0.0N/AMUD ENGR				3.0 0.0N/ACA CARB																					
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
9				311.2		REED		203842		6-12.7/3-9.5/ - / - / -				972.9		1,209.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
DSX 133		12.0		3.5		12.0/18.0		20 / 20		180																		2343.77	
						/		/																					
Total Length of BHA: 254.97				BHA Description: BIT, MOTOR W/STABILIZER SET AT 1.83 DEG, XO, FLOAT SUB, UBHO SUB, 3-MONELS, JARS, 7-178 DC, XO, 1-127 HWDP, ACCELERATOR, 11-127 HWDP																									
										Hrs On Jars: 73.0		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
9		152 / 152 /		/ /		100/100/		15000		2.68		45.96		42.28		52.36		60.40		0.5		6197							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
1,194.3		40.72		343.50		N16.50W		1,091.2						345.53		5.85													
1,203.8		40.67		347.04		N12.96W		1,098.4						351.52		7.29													
1,214.4		41.35		347.14		N12.86W		1,106.4						358.30		1.93													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
8.50		0		01 - 05		TRIP OUT, CHANGE MOTOR, RUN IN HOLE TO 425M.																							
4.75		830		01 - 04		REAM IN STABILIZER FROM 425 - 900M.																							
0.25		1315		01 - 21		RIG SERVICE, FUNCTION LOWER PIPE RAMS																							
0.50T		1330		01 - 20		INSTALL BLOWER ON PUMP #1.																							
2.75		1400		01 - 04		REAM IN STABILIZER FRO 900 - 1040M.																							
0.75T		1645		01 - 20		WORK ON PUMPS																							
2.50		1730		01 - 04		REAM IN STABILIZER FROM 1040 - 1209M.																							
3.50		2000		01 - 02		DRILL FROM 1209 - 1221M AROP = 3.4 M/HR																							
0.50		2330		01 - 06		MWD SURVEY'S																							
0.00				01 - 99		06:00; DRILLING AT 1240M.																							
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: TRIPPING, LEASE CONDITIONS, CAMP FIRE DRILL.																													
24 Hr Summary: TRIP OUT, CHANGE MOTOR, ADD STAB, PU PDC BIT, REAM IN STAB, DRILL FROM 1209 - 1221M.																													
Projected Opn: DRILL AHEAD																													
Remarks: CONTRACTOR HRS TODAY = 192 TOTAL THIS MONTH = 3396																													
WATER HAULED TODAY = 30 M3 TOTAL WATER HAULED = 1425 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																													
Daily Mud Cost: 2,071				Daily Tangible Cost: 0				Daily Well Cost: 59,315				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 89,392				Cum Tangible Cost: 126,573				Cum Well Cost: 3,135,194				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/KERBES																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWINC-R3005-400				Date: 19-APR-2004				Page: 1 Of 1													

Measured Depth: 1,209.0		TVD: 1,116.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 43		DFS: 19		Spud Date:		Daily Footage: 138.0		Daily Rot Hrs: 17.0		Total Rot Hrs: 218.5																			
Torq: 6500		Drag: 5.0		Rot Wgt: 65.0		P/U Wgt: 70.0		Slack Off Wgt: 50.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 339.7				Set At: 383.0 MD 383.0 TVD				Shoe Test: 1427 EMW				Leakoff? N																	
Cum Rot Hrs On Casing: 6.0				Cum Rot Hrs On Casing Since Last Caliper: 22.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD TVD				Liner Top At: MD TVD																					
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:		Wt: 1120		FV: 60		FV: 24		YP: 14.4		Gel: 3 / 6											
WL API: 6.2				HHP: 0.0				FC API: 1.0		HHP: 0.0		Solids: 7.50		% Oil: 0.00		% Water: 0.00		% Sand: 0.20		MBT: 52.0		Ph: 9.0							
Pm: 0.00		Pf/Mf: 0.10 / 0.30		Carb: 120		Cl: 325		Ca: 30		Bent: 28.3		Solids %HG/LG: / 7.50		%DS/Bent: /															
5.0		0.0N/ACAUSTIC		2.0		0.0N/ADRISPAC REG		4.0		0.0N/A XCD		9.0		0.0N/ASAWDUST		46.0		0.0N/ABENTONITE											
6.0		0.0N/ACELLOPHANE		3.0		0.0N/APHPA		1.0		0.0N/AMUD ENGR		8.0		0.0N/ACA CARB															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
8		4-4-7		311.2		SMITH		MM3654		3-15.9/ - / - / - / -				594.8		685.0		1,209.0		1,116.0									
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
GFI-180DC		524.0		65.0		10.0/18.0		20 / 20		160																		372.31	
						/		/																					
Total Length of BHA: 254.97				BHA Description: BIT, MOTOR SET @ 1.8, XO, FLOAT SUB, UBHO SUB, 3MONELS, HE JARS, 9-178 DC, XO, 1-127 HWDP, ACCELERATOR, 11-127 HWDP																									
										Hrs On Jars: 70.0		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
8		152 / 152 / 0		/ /		95/ 95/		15000		2.54		71.45		40.17		49.77		133.30		1.1		5891							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
1,141.8		36.85		337.13		N22.87W		1,050.3						314.89		1.95													
1,156.1		37.85		337.19		N22.81W		1,061.7						322.89		2.10													
1,170.8		38.46		338.06		N21.94W		1,073.2						331.29		1.66													
1,184.0		40.67		340.42		N19.58W		1,083.4						339.15		6.07													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
1.75		0		01 - 02		DRILL FROM 1071 - 1085M AROP = 8.0 M/HR																							
0.25		145		01 - 21		RIG SERVICE, FUNCTION ANNULAR																							
5.25		200		01 - 02		DRILL FROM 1085 - 1120M AROP = 6.7 M/HR																							
0.75		715		01 - 06		MWD SURVEY'S																							
0.25		800		01 - 62		SAFETY MEETING																							
1.50		815		01 - 02		DRILL FROM 1120 - 1142M AROP = 14.7 M/HR																							
0.75		945		01 - 06		MWD SURVEY'S																							
0.25		1030		01 - 21		RIG SERVICE, FUNCTION TOP RAMS																							
8.50		1045		01 - 02		DRILL FROM 1142 - 1200M AROP = 6.8 M/HR																							
0.75		1915		01 - 06		MWD SURVEY'S																							
0.25		2000		01 - 21		SAFETY MEETING																							
1.25T		2015		01 - 20		WORK ON #1 PUMP (BLOWER MOTOR FAILED)																							
2.50		2130		01 - 05		TRIP OUT OF HOLE																							
0.00				01 - 99		06:00; RUN IN BIT #9, DSX-133																							
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: FIRE PREVENTION, JSA B-8, GREASE PUMP MANIFOLD																													
24 Hr Summary: DRILL FROM 1071 - 1209M. BLOWER ON #1 PUMP FAILED. TRIP OUT OF HOLE.																													
Projected Opn: RUN IN WITH BIT #9, REED-HYCALOG PDC, DSX-133, DRILL AHEAD																													
Remarks: CONTRACTOR HRS TODAY = 188 TOTAL THIS MONTH = 3204																													
WATER HAULED TODAY = 60 M3 TOTAL WATER HAULED = 1395 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																													
Daily Mud Cost: 4,686				Daily Tangible Cost: 0				Daily Well Cost: 62,133				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 87,321				Cum Tangible Cost: 126,573				Cum Well Cost: 3,075,879				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:				Blended:									
Country: CANADA						Rig: AKITA RIG #48						Rig Phone: 403 699 2884						Drilling Rep: CURTIS/KERBES											
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25						Well No:						Well ID: CR0086 -0											
API No:						AFE No: RWN-C-R3005-400						Date: 18-APR-2004						Page: 1 Of 1											

Measured Depth: 1,071.0		TVD: 1,002.0		PBD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 42		DFS: 18		Spud Date:		Daily Footage: 157.0		Daily Rot Hrs: 20.0		Total Rot Hrs: 201.5																			
Torq: 6000		Drag: 5.0		Rot Wgt: 65.0		P/U Wgt: 70.0		Slack Off Wgt: 50.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 339.7				Set At: 383.0 MD				383.0 TVD				Shoe Test: 1427 EMW				Leakoff? N													
Cum Rot Hrs On Casing: 6.0				Cum Rot Hrs On Casing Since Last Caliper: 16.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:				Wt: 1105		FV: 60		PV: 25		YP: 12.0		Gel: 3 / 6									
WL API: 6.0				HHP: 0.0				FC API: 1.0				HHP: 0.0				Solids: 7.20		% Oil: 0.00		% Water: 0.00		% Sand: 0.20		MBT: 42.0		Ph: 9.0			
Pm: 0.00		Pf/Mf: 0.20 / 0.40		Carb: 240		Cl: 325		Ca: 20		Bent: 20.3		Solids %HG/LG: / 7.20				%DS/Bent: /													
5.0		0.0N/ACAUSTIC		6.0		0.0N/AXCD		25.0		0.0N/A SAWDUST		49.0		0.0N/ABENTONITE		5.0		0.0N/ACELLOPHANE											
2.0		0.0N/A PHPA		2.0		0.0N/AMULTI-SEAL		1.0		0.0N/AMUD ENGR		30.0		0.0N/ACA CARB		21.0		0.0N/ACAL CARB											
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
8		4-4-7		311.2		SMITH		MM3654		3-15.9 / - / - / - / -				594.8		685.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
GFI-180DC		386.0		48.0		10.0/18.0		20 / 20		160																		413.65	
						/		/																					
Total Length of BHA: 254.97														BHA Description: BIT, MOTOR SET @ 1.8, XO, FLOAT SUB, UBHO SUB, 3MONELS, HE JARS, 9-178 DC, XO, 1-127 HWDP, ACCELERATOR, 11-127 HWDP															
										Hrs On Jars: 70.0				Hours Since Last Inspection:															
Bit Num		Liner				Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW					
8		152 / 152 / 0				/ /		95/ 95/		15000		2.54		71.66		40.17		49.77		133.00		1.1		5891					
		/ /				/ /		/ /																					
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
1,051.6		40.78		341.78		N18.22W		979.8						262.73		4.71													
1,060.9		41.45		340.28		N19.72W		986.8						268.51		3.85													
1,069.7		41.54		339.20		N20.80W		993.4						273.98		2.46													
1,089.6		39.41		339.04		N20.96W		1,008.4						286.10		5.22													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
5.50		0		01-02		DRILL FROM 914 - 942M AROP = 5.1 M/HR																							
0.25		530		01-21		RIG SERVICE, FUNCTION TOP PIPE RAMS																							
1.50		545		01-02		DRILL FROM 942 - 953M AROP = 7.3 M/HR																							
0.75		715		01-06		MWD SURVEY'S																							
0.25		800		01-62		SAFETY MEETING																							
5.25		815		01-02		DRILL FROM 953 - 999M AROP = 8.8 M/HR																							
0.75		1330		01-06		MWD SURVEY'S																							
0.25		1415		01-21		RIG SERVICE, FUNCTION LOWER PIPE RAMS																							
4.75		1430		01-02		DRILL FROM 999 - 1029M AROP = 6.3 M/HR																							
0.75		1915		01-06		MWD SURVEY'S																							
2.25		2000		01-02		DRILL FROM 1029 - 1057M AROP = 12.4 M/HR																							
0.25		2215		01-20		CLEAN SUCTION SCREEN																							
0.75		2230		01-02		DRILL FROM 1057 - 1071M AROP = 18.7 M/HR																							
0.75		2315		01-06		MWD SURVEY'S																							
0.00				01-99		06:00; DRILLING AT 1113M.																							
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: CROWN SAVER, SPILLS, DRIFTING CASING, RIG RESCUE																													
24 Hr Summary: DRILL FROM 914 - 1071M. FRACTURE AT 700M STARTED TO TAKE MUD.LOST 30M3 MUD WHILE DRILLING AT 992M.																													
Projected Opn: DRILL AHEAD AND SURVEY																													
Remarks: CONTRACTOR HRS TODAY = 188 TOTAL THIS MONTH = 3016																													
WATER HAULED TODAY = 60 M3 TOTAL WATER HAULED = 1335 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																													
Daily Mud Cost: 5,760				Daily Tangible Cost: 0				Daily Well Cost: 63,275				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 82,635				Cum Tangible Cost: 126,573				Cum Well Cost: 3,013,746				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/KERBES																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
API No:				AFE No: RWN-C-R3005-400				Date: 17-APR-2004				Page: 1 Of 1																	

Metric **Drilling Activity Report**

Measured Depth: 914.0		TVD: 879.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 41		DFS: 17		Spud Date:		Daily Footage: 180.0		Daily Rot Hrs: 19.5		Total Rot Hrs: 181.5																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas:		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD		Shoe Test: EMW		Leakoff?																	
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD		Liner Top At: MD				TVD															
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /											
WL API: HIHP:				FC API: HIHP:				Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
0.00				01 - 99		06:00; DRILLING AT 943M.																							
				-																									
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				-																									
Safety:																													
24 Hr Summary:																													
Projected Opm:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:						Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS															
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0															
						API No:				AFE No: RWNMC-R3005-400				Date: 16-APR-2004 Page: 2 Of 2															

Measured Depth: 914.0		TVD: 879.0		PBD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 41		DFS: 17		Spud Date:		Daily Footage: 180.0		Daily Rot Hrs: 19.5		Total Rot Hrs: 181.5																			
Torq: 3000		Drag: 2.0		Rot Wgt: 58.0		P/U Wgt: 60.0		Slack Off Wgt: 56.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 339.7				Set At: 383.0 MD				383.0 TVD				Shoe Test: 1427 EMW				Leakoff? N													
Cum Rot Hrs On Casing: 2.0				Cum Rot Hrs On Casing Since Last Caliper: 100.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:		Wt: 1115		FV: 62		FV: 27		YP: 12.4		Gel: 3 / 6											
WL API: 7.5		HTHP: 0.0		FC API: 1.0		HTHP: 0.0		Solids: 7.20		% Oil: 0.00		% Water: 0.00		% Sand: 0.15		MBT: 50.0		Ph: 8.5											
Pm: 0.00		Pf/Mf: 0.10 / 0.20		Carb: 120		Cl: 300		Ca: 20		Bent: 29.5		Solids %HG/LG: / 7.20		%DS/Bent: /															
10.0		0.0N/ASAWDUST		1.0		0.0N/APHPA		2.0		0.0N/MULTI-SEAL		1.0		0.0N/AMUD ENGR		20.0		0.0N/ACA CARB											
20.0		0.0N/ACAL CARB																											
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
8		4-4-7		311.2		SMITH		MM3654		3-15.9/ - / - / - / -				594.8		685.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
GFI-180DC		229.0		28.0		10.0/18.0		20 / 20		170																		515.29	
						/		/																					
Total Length of BHA: 254.97														BHA Description: BIT, MOTOR SET @ 1.8, XO, FLOAT SUB, UBHO SUB, 3MONELS, HE JARS, 9-178 DC, XO, 1-127 HMDP, ACCELERATOR, 11-127 HMDP															
										Hrs On Jars: 70.0				Hours Since Last Inspection:															
Bit Num		Liner				Stroke				SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW			
8		152 / 152 / 0				/ /				100/100/		14300		2.68		75.38		42.28		52.36		156.10		1.3		5906			
		/ /				/ /				/ /																			
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates				E/W Coordinates				Vertical Section				DLS							
889.2		34.67		344.52		N15.48W		852.0										166.76				4.03							
898.1		35.01		343.01		N16.99W		859.3										171.64				3.13							
908.4		36.14		341.65		N18.35W		867.7										177.35				4.02							
917.9		36.69		340.42		N19.58W		875.3										182.68				2.88							
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
1.50		0		01 - 02		DRILL FROM 734 - 742M. AROP = 5.3 M/HR																							
0.25		130		01 - 21		RIG SERVICE, FUNCTION ANNULAR																							
1.00		145		01 - 02		DRILL FROM 742 - 749M. AROP = 7 M/HR																							
0.25		245		01 - 20		CLEAN OUT SUCTION SCREENS																							
4.25		300		01 - 02		DRILL FROM 749 - 799M. AROP = 11.8 M/HR																							
0.75		715		01 - 06		MWD SURVEY'S																							
0.25		800		01 - 62		SAFETY MEETING																							
2.75		815		01 - 02		DRILL FROM 799 - 825M AROP = 9.5 M/HR																							
0.75		1100		01 - 06		MWD SURVEY'S																							
0.50		1145		01 - 20		REPAIR PUMP																							
0.25		1215		01 - 21		RIG SERVICE, FUNCTION TOP RAMS																							
6.50		1230		01 - 02		DRILL FROM 825 - 876M AROP = 7.8 M/HR																							
1.00		1900		01 - 06		MWD SURVEY'S																							
3.50		2000		01 - 02		DRILL FROM 876 - 914M AROP = 10.9 M/HR																							
0.50		2330		01 - 06		MWD SURVEY'S																							
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: PPE, REVIEW STOP CARDS, JSA B-8; CHANGE HEAD IN PUMP																													
24 Hr Summary: DRILL AND MWD SURVEY FROM 734 - 914M.																													
Projected Opn: DRILL AHEAD AND SURVEY																													
Remarks: CONTRACTOR HRS TODAY = 180 TOTAL THIS MONTH = 2828																													
WATER HAULED TODAY = 45 M3 TOTAL WATER HAULED = 1275 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																													
Daily Mud Cost: 1,339				Daily Tangible Cost: 0				Daily Well Cost: 58,839				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 76,875				Cum Tangible Cost: 126,573				Cum Well Cost: 2,950,471				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWN-C-R3005-400				Date: 16-APR-2004				Page: 1 Of 2													

Measured Depth: 734.0		TVD: 723.5		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 40		DFS: 16		Spud Date:		Daily Footage: 49.0		Daily Rot Hrs: 8.5		Total Rot Hrs: 162.0																			
Torq: 2000		Drag: 1.0		Rot Wgt: 51.0		P/U Wgt: 52.0		Slack Off Wgt: 50.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 339.7				Set At: 383.0 MD				383.0 TVD				Shoe Test: 1427 EMW				Leakoff? N													
Cum Rot Hrs On Casing: 3.0				Cum Rot Hrs On Casing Since Last Caliper: 8.0				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:				Wt: 1090		FV: 57		PV: 23		YP: 10.5		Gel: 3 / 5									
WL API: 7.0				HIHP: 0.0		FC API: 1.0		HIHP: 0.0		Solids: 5.60		% Oil: 0.00		% Water: 0.00		% Sand: 0.15		MBT: 38.0		Ph: 9.0									
Pm: 0.00		Pf/Mf: 0.10 / 0.20		Carb: 120		Cl: 325		Ca: 30		Bent: 21.8		Solids %HG/LG: / 5.60				%DS/Bent: /													
30.0		0.0N/ABARITE		8.0		0.0N/ACAUSTIC		10.0		0.0N/A XCD		40.0		0.0N/ASAWDUST		258.0		0.0N/ABENTONITE											
2.0		0.0N/ACELLOPHANE		3.0		0.0N/APHPA		47.0		0.0N/AMULTI-SEAL		1.0		0.0N/AMUD ENGR		4.0		0.0N/ACA CARB											
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
8		4-4-7		311.2		SMITH		MM3654		3-15.9 / - / - / - / -				594.8		685.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
GFI-18ODC		49.0		8.5		10.0/18.0		20 / 20		170																		1579.07	
						/		/																					
Total Length of BHA: 254.97														BHA Description: BIT, MOTOR SET @ 1.8, XO, FLOAT SUB, UBHO SUB, 3MONELS, HE JARS, 9-178 DC, XO, 1-127 HWDP, ACCELERATOR, 11-127 HWDP															
										Hrs On Jars: 49.5		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
8		152 / 152 /		/ /		95 / 95 /		14000		2.54		71.66		40.17		49.77		131.20		1.1		5499							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
717.2		23.14		16.90		N16.90E		700.7						86.65		3.32													
726.1		23.74		15.42		N15.42E		708.9						90.05		2.83													
736.2		23.73		13.69		N13.69E		718.2						93.98		2.07													
745.8		24.26		11.48		N11.48E		726.9						97.79		3.26													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
5.00		0		01 - 02		DRILL FROM 647 - 685M. AROP = 7.6 M/HR																							
0.75		500		01 - 06		MWD SURVEY'S																							
0.25		545		01 - 21		RIG SERVICE, FUNCTION TOP PIPE RAMS.																							
0.25		600		01 - 01		CIRCULATE.																							
6.75		615		01 - 05		TRIP OUT OF HOLE, CHANGE BITS, INCREASE HOUSING TO 1.83 DEGREES, RIH																							
0.25		1300		01 - 21		RIG SERVICE, FUNCTION LOWER RAMS.																							
0.50		1315		01 - 01		WASH 30M TO BOTTOM. 1M FILL																							
5.00		1345		01 - 02		DRILL FROM 685 - 714M. AROP = 5.8 M/HR																							
0.75		1845		01 - 50		DRILLED FRACTURE AT 700M. LOST 25M3 MUD. REGAIN CIRCULATION AND MIX LCM.																							
0.50		1930		01 - 06		MWD SURVEY'S																							
3.50		2000		01 - 02		DRILL FROM 714 - 734M AROP = 5.7 M/HR BUILD VOLUME AND MIX LCM																							
0.50		2330		01 - 06		MWD SURVEY'S																							
0.00				01 - 99		06:00; DRILLING AT 780M. LOSSES AT <1M3 /HR																							
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: TRIPPING, MIXING CHEMICALS																													
24 Hr Summary: DRILL TO 685M, TRIP, CHANGE BIT, INCREASE HOUSING TO 1.83, DRILL 685 - 734M. LOSSES AT 700M. TOTAL TO 2400 = 110 M3																													
Projected Opn: DRILL AHEAD																													
Remarks: CONTRACTOR HRS TODAY = 200 TOTAL THIS MONTH = 2648																													
WATER HAULED TODAY = 135 M3 TOTAL WATER HAULED = 1230 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																													
DRILLED A FRACTURE AT 700M. LOST 110 M3 MUD. SEALED WITH LCM																													
Daily Mud Cost: 12,062				Daily Tangible Cost: 0				Daily Well Cost: 109,389				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 75,536				Cum Tangible Cost: 126,573				Cum Well Cost: 2,891,632				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWN-C-R3005-400				Date: 15-APR-2004				Page: 1 Of 1													

Measured Depth: 647.0		TVD: 642.5		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 39		DFS: 15		Spud Date:		Daily Footage: 125.0		Daily Rot Hrs: 21.0		Total Rot Hrs: 153.5																			
Torq: 2000		Drag: 1.0		Rot Wgt: 51.0		P/U Wgt: 52.0		Slack Off Wgt: 50.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 339.7				Set At: 383.0 MD				383.0 TVD				Shoe Test: 1427 EMW				Leakoff? N													
Cum Rot Hrs On Casing: 0.0				Cum Rot Hrs On Casing Since Last Caliper: 5.7				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:		Wt: 1080		FV: 54		PV: 24		YP: 10.1		Gel: 3 / 5											
WL API: 7.8				HIHP: 0.0		FC API: 1.0		HIHP: 0.0		Solids: 5.00		% Oil: 0.00		% Water: 0.00		% Sand: 0.10		MBT: 35.0		Ph: 9.0									
Pm: 0.00		PF/MF: 0.10 / 0.20		Carb: 120		Cl: 325		Ca: 30		Bent: 20.8		Solids %HG/LG: / 5.00				%DS/Bent: /													
2.0		0.0N/AXCD		30.0		0.0N/ABENTONITE		1.0		0.0N/A PHPA		1.0		0.0N/AMUD ENGR															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
7		5-1-7		311.2		HUGHES		6013971		3-25.4 / - / - / - / -				1520.0		1,512.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
GTCS20		-865.0		41.5		6.0/12.0		20 / 20		180																		0.00	
						/		/																					
Total Length of BHA: 255.78				BHA Description: BIT, MOTOR SET @ 1.5, XO, FLOAT SUB, UBHO SUB, MONEL, UBHO SUB, 2-MONELS, HE																									
JARS, 9-178 DC, XO, 1-127 HWDP, ACCELERATOR, 11-127 HWDP																													
										Hrs On Jars: 41.5		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
7		152 / 152 / 0		/ /		100/100/		14000		2.68		29.44		42.28		52.36		23.10		0.2		5784							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
632.1		16.75		19.42		N19.42E		620.8						59.64		2.38													
640.9		17.64		21.54		N21.54E		629.2						62.08		3.71													
651.1		18.61		22.11		N22.11E		638.9						65.02		2.90													
660.7		19.25		23.44		N23.44E		648.0						67.89		2.41													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
7.25		0		01 - 02		DRILL FROM 522 - 555M. AROP = 4.6 M/HR																							
0.25		715		01 - 21		RIG SERVICE, FUNCTION REMOTE CHOKE																							
0.50		730		01 - 06		MWD SURVEYS																							
2.00		800		01 - 02		DRILL FROM 555 - 570M. AROP = 7.5 M/HR																							
0.25		1000		01 - 21		RIG SERVICE, FUNCTION LOWER PIPE RAMS																							
5.00		1015		01 - 02		DRILL FROM 570 - 608M. AROP = 7.6 M/HR																							
0.75		1515		01 - 06		MWD SURVEYS																							
0.25		1600		01 - 62		HELD BOP DRILL WITH CREW																							
6.75		1615		01 - 02		DRILL FROM 608 - 647M AROP = 5.8 M/HR																							
0.75		2300		01 - 06		MWD SURVEYS																							
0.25		2345		01 - 21		RIG SERVICE, FUNCTION ANNULAR																							
0.00				01 - 99		06:00; DRILLING AT 685M.																							
				-																									
				-																									
				-																									
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: STEAM USE, TARGET ZERO, BOP DRILL.																													
24 Hr Summary: DIRECTIONALLY DRILL AND SURVEY FROM 522 - 647M.																													
Projected Oprn: DRILL AHEAD AND SURVEY																													
Remarks:																													
CONTRACTOR HRS TODAY = 192 TOTAL THIS MONTH = 2448																													
WATER HAULED TODAY = 15 M3 TOTAL WATER HAULED = 1095 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																													
Daily Mud Cost: 2,027				Daily Tangible Cost: 0				Daily Well Cost: 67,041				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 63,474				Cum Tangible Cost: 126,573				Cum Well Cost: 2,782,243				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWN-C-R3005-400				Date: 14-APR-2004				Page: 1 Of 1													

Measured Depth: 522.0		TVD: 521.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 38		DFS: 14		Spud Date:		Daily Footage: 123.0		Daily Rot Hrs: 18.8		Total Rot Hrs: 132.5																			
Torq: 1000		Drag: 0.0		Rot Wgt: 44.0		P/U Wgt: 44.0		Slack Off Wgt: 44.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 339.7				Set At: 383.0 MD				383.0 TVD				Shoe Test: 1427 EMW				Leakoff? N													
Cum Rot Hrs On Casing: 4.0				Cum Rot Hrs On Casing Since Last Caliper: 5.7				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:		Wt: 1075		FV: 48		FV: 15		YP: 6.7		Gel: 3 / 5											
WL API: 7.8		HTHP: 0.0		FC API: 1.0		HTHP: 0.0		Solids: 4.70		% Oil: 0.00		% Water: 0.00		% Sand: 0.15		MBT: 35.0		Ph: 9.5											
Pm: 0.00		Pf/Mf: 0.20 / 0.40		Carb: 240		Cl: 300		Ca: 30		Bent: 22.0		Solids %HG/LG: / 4.70		%DS/Bent: /															
1.0		0.0N/AXCD		29.0		0.0N/ABENTONITE		2.0		0.0N/A PHPA		1.0		0.0N/AMUD ENGR															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
7		5-1-7		311.2		HUGHES		6013971		3-25.4 / - / - / - / -				1520.0		1,512.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
GTCS20		-990.0		20.5		6.0/12.0		20 / 20		180																		0.00	
						/		/																					
Total Length of BHA: 255.78														BHA Description: BIT, MOTOR SET @ 1.5, XO, FLOAT SUB, UBHO SUB, MONEL, UBHO SUB, 2-MONELS, HE															
JARS, 9-178 DC, XO, 1-127 HWDP, ACCELERATOR, 11-127 HWDP																													
														Hrs On Jars: 20.5				Hours Since Last Inspection:											
Bit Num		Liner				Stroke				SPM				Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW	
7		152 / 152 / 0				/ /				100/100/				13000		2.68		29.44		42.28		52.36		23.00		0.2		5368	
		/ /				/ /				/ /																			
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates				E/W Coordinates				Vertical Section				DLS							
498.1		8.01		11.69		N11.69E		490.0										32.07				2.17							
507.7		8.72		11.93		N11.93E		499.5										33.44				2.22							
517.4		9.35		12.50		N12.50E		509.0										34.93				1.97							
526.6		10.04		10.24		N10.24E		518.1										36.45				2.57							
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
1.75		0		01 - 06		GYRO SURVEY. UNABLE TO GET A TOOL FACE. NOT SEATING.																							
0.25		145		01 - 21		RIG SERVICE, FUNCTION TOP RAMS.																							
5.50		200		01 - 02		DRILL FROM 399 - 425M. AROP = 4.7 M/HR																							
0.50		730		01 - 06		MWD SURVEYS																							
0.25		800		01 - 62		BOP DRILL WITH CREW																							
5.50		815		01 - 02		DRILL FROM 425 - 456M. AROP = 5.6 M/HR																							
0.25		1345		01 - 21		RIG SERVICE, FUNCTION LOWER PIPE RAMS																							
0.50		1400		01 - 20		REPAIRS TO #1 PUMP.																							
4.75		1430		01 - 02		DRILL FROM 456 - 497M. AROP = 8.8 M/HR																							
0.75		1915		01 - 06		MWD SURVEYS																							
0.25		2000		01 - 62		SAFETY MEETING.																							
3.00		2015		01 - 02		DRILL FROM 497 - 522M. AROP = 8.3 M/HR																							
0.25		2315		01 - 21		RIG SERVICE, FUNCTION ANNULAR																							
0.50		2330		01 - 06		MWD SURVEYS																							
0.00				01 - 99		06:00; DRILLING AT 550M.																							
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: CHAIN HOISTS; BOP DRILL, PPE																													
24 Hr Summary: DIRECTIONALLY DRILL FROM 399 - 522M. BOP DRILLS.																													
Projected Opn: DIRECTIONALLY DRILL AHEAD.																													
Remarks:																													
CONTRACTOR HRS TODAY = 240 TOTAL THIS MONTH = 2256																													
WATER HAULED TODAY = 15 M3 TOTAL WATER HAULED = 1080 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																													
Daily Mud Cost: 1,671				Daily Tangible Cost: 0				Daily Well Cost: 106,410				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 61,447				Cum Tangible Cost: 126,573				Cum Well Cost: 2,715,202				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWMNC-R3005-400				Date: 13-APR-2004				Page: 1 Of 1													

Measured Depth: 399.0		TVD: 399.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 37		DFS: 13		Spud Date:		Daily Footage: -1,113.0		Daily Rot Hrs: 1.8		Total Rot Hrs: 113.8																			
Torq: 500		Drag: 0.0		Rot Wgt: 43.0		P/U Wgt: 43.0		Slack Off Wgt: 43.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size: 339.7				Set At: 383.0 MD				383.0 TVD				Shoe Test: 1427 EMW				Leakoff? N													
Cum Rot Hrs On Casing: 1.7				Cum Rot Hrs On Casing Since Last Caliper: 1.7				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: CLAY BASED NON-DISPERSED				Sample From:		Wt: 1080		FV: 52		PV: 21		YP: 5.7		Gel: 2 / 3											
WL		API: 6.8		HTHP: 0.0		FC		API: 1.0		HTHP: 0.0		Solids:		% Oil: 0.00		% Water: 0.00		% Sand: SAMPL		MBT:		Ph: 9.5							
Pm: 0.00		Pf/Mf: 0.30 / 0.60		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
11.0 0.0N/ABICARB 3.0 0.0N/ASULF-X 1.0 0.0N/AMUD ENGR																													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
7		5-1-7		311.2		HUGHES		6013971		3-25.4 / - / - / - / -				1520.0		1,512.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
GTCS20		-1,113.0		1.8		5.0/10.0		20 / 20		120																		0.00	
						/		/																					
Total Length of BHA: 255.78														BHA Description: BIT, MOTOR SET @ 1.5, XO, FLOAT SUB, UBHO SUB, MONEL, UBHO SUB, 2-MONELS, HE															
JARS, 9-178 DC, XO, 1-127 HWDP, ACCELERATOR, 11-127 HWDP																													
										Hrs On Jars: 1.7		Hours Since Last Inspection:																	
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
7		152 / 152 /		/ /		100/100/		11000		2.68		29.44		42.28		52.36		23.10		0.2		4543							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
318.5		1.35		359.21		N0.79W		310.8						21.50		0.23													
342.8		1.32		8.35		N8.35E		335.1						22.06		0.27													
383.4		1.87		13.59		N13.59E		375.7						23.16		0.42													
393.3		2.01		23.30		N23.30E		385.6						23.48		1.08													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
5.25		0		01 - 07		PICK UP SS-105 DRILL PIPE AND STAND IN DERRICK.																							
0.25		515		01 - 21		RIG SERVICE.																							
2.50		530		01 - 07		PICK UP DIRECTIONAL TOOLS.																							
3.00T		800		01 - 20		THAW OUT KELLY HOSE AND STANDPIPE.																							
4.00		1100		01 - 07		MAKE UP BIT, MONELS, MWD, SHALLOW TEST MWD. INSTALL GYRO SURVEY INSTRUMENT. PICK UP JARS.																							
2.00		1500		01 - 05		RUN IN HOLE. GYRO EACH STAND.																							
1.00		1700		01 - 06		RUN IN WIRELINE AND RETRIEVE GYRO.																							
2.00		1800		01 - 15		DRILL OUT PLUGS, FLOAT COLLAR, CEMENT, AND FLOAT SHOE.																							
0.25		2000		01 - 62		SAFETY MEETING																							
1.25		2015		01 - 15		DRILL OUT CEMENT AND SHOE																							
0.25		2130		01 - 02		DRILL FROM 385 - 388M. AROP = 12 M/HR																							
0.50		2145		01 - 17		CIRCULATE AND PERFORM F.I.T. TO 14 KPA/M. EMD = 14.27 KG/M3																							
1.50		2215		01 - 02		DRILL FROM 388 - 399M. AROP = 7.3 M/HR																							
0.25		2345		01 - 21		RIG SERVICE, FUNCTION ANNULAR																							
0.00				01 - 99		06:00 OPERATION; DIRECTIONAL DRILL AHEAD AT 420M.																							
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: PICK UP DIRECTIONAL TOOLS, WORKING WITH LITHIUM BATTERIES.																													
24 Hr Summary: PICK UP DRILL PIPE, THAW KELLY, MAKE UP BHA, RIH, GYRO SURVEY, DRILL OUT, F.I.T., DRILL AHEAD																													
Projected Opn: DIRECTIONALLY DRILL AHEAD.																													
Remarks:																													
CONTRACTOR HRS TODAY = 174 TOTAL THIS MONTH = 2016																													
WATER HAULED TODAY = 15 M3 TOTAL WATER HAULED = 1065 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																													
Daily Mud Cost: 980				Daily Tangible Cost: 0				Daily Well Cost: 92,292				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 59,776				Cum Tangible Cost: 126,573				Cum Well Cost: 2,608,792				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWMNC-R3005-400				Date: 12-APR-2004				Page: 1 Of 1													

Measured Depth: 385.0		TVD: 385.0		PBID: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 36		DFS: 12		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 112.0																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size: 339.7				Set At: 383.0 MD				383.0 TVD				Shoe Test: 0 EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /											
WL API:		HIHP:		FC API:		HIHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
2.0		0.0N/ADESCO		2.0		0.0N/ALIGNITE		1.0		0.0N/AMUD ENGR																			
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
												Hrs On Jars:				Hours Since Last Inspection:													
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
10.00T		0		01 - 20		UNABLE TO FUNCTION BLIND RAMS. WORK ON BOP HYDRAULIC LINES. CHANGE OUT QUICK COUPLERS. GHANGE OUT BARKSDALE																							
				-		VALVE, REPLACE QUICK COUPLERS WITH HAMMER UNIONS.																							
7.25		1000		01 - 14		PRESSURE TEST KELLY COCKS, STAB VALVES, INSIDE BOP, MUD LINES, KILL LINES, CHOKE LINES, BLIND RAMS, 2 SETS PIPE																							
				-		RAMS, ALL STACK VALVES TO 1400 KPA LOW AND 21000 KPA HIGH. PRESSURE TEST ANNULAR TO 1400 KPA LOW AND 17500 KPA																							
				-		HIGH. PRESSURE TEST CASING TO 15000KPA. PERFORM ACCUMULATOR CHECK. INSTALL WEAR BUSHING.																							
0.75		1715		01 - 07		RIG IN LAYDOWN MACHINE.																							
0.25		1800		01 - 62		SAFETY MEETING																							
1.75		1815		01 - 07		PICK UP 127MM, SS-105 DRILL PIPE AND STAND IN DERRICK.																							
0.25		2000		01 - 62		SAFETY MEETING.																							
3.50		2015		01 - 07		PICK UP 127MM, SS-105 DRILL PIPE AND STAND IN DERRICK																							
0.25		2345		01 - 21		RIG SERVICE.																							
0.00				01 - 99		06:00 OPERATION; PICK UP DIRECTIONAL BHA																							
				-																									
				-																									
				-																									
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: PRESSURE TESTING. REVIEW JSA A-62; PICK UP DRILL PIPE																													
24 Hr Summary: WORK ON HYDRAULICS, PRESSURE TEST BOP, PICK UP DRILL PIPE																													
Projected Opn: FINISH PICK UP DRILL PIPE, STAND IN DERRICK, PICK UP DIR TOOLS, RIH, GYRO, DRILL OUT																													
Remarks: CONTRACTOR HRS TODAY = 168 TOTAL THIS MONTH = 1842																													
WATER HAULED TODAY = 30 M3 TOTAL WATER HAULED = 1050 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																													
Daily Mud Cost: 694				Daily Tangible Cost: 0				Daily Well Cost: 64,625				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 58,796				Cum Tangible Cost: 126,573				Cum Well Cost: 2,516,500				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: FWMNC-R3005-400				Date: 11-APR-2004				Page: 1 Of 1													

Metric **Drilling Activity Report**

Measured Depth: 385.0		TVD: 385.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 35		DFS: 11		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 112.0																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: 0 EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:				Wt:		FV:		PV:		YP:		Gel: /									
WL API: HIHP:				FC API: HIHP:				Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
1.0 0.0N/AMUD ENGR																													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA: BHA Description:																													
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
3.00		0		01 - 43		WOC, BACK OUT LANDING JOINT.																							
0.25		300		01 - 62		SAFETY MEETING.																							
6.00		315		01 - 13		NIPPLE DOWN AND LAY OUT DIVERTER																							
0.25		915		01 - 62		SAFETY MEETING																							
12.50		930		01 - 13		NIPPLE UP BOP, PRESSURE TEST MANIFOLD TO 1400 KPA LOW AND 21000 KPA HIGH.																							
2.00T		2200		01 - 13		WORK ON HYDRAULIC LINES. BLIND RAMS WON'T FUNCTION.																							
0.00T				01 - 99		06:00 OPERATION; WORK ON HYDRAULIC LINES.																							
				-																									
				-																									
				-																									
				-																									
				-																									
				-																									
				-																									
				-																									
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: NIPPLE DOWN DIVERTER, NIPPLE UP BOP, PRESSURE TESTING.																													
24 Hr Summary: WOC, BACK OUT LANDING JOINT, INSTALL CASING BOWL, NU BOP, PRESS TEST MANIFOLD, WORK ON HYD LINES																													
Projected Opn: WORK ON HYD LINES, PRESSURE TEST STACK AND CASING, PICK UP DRILL PIPE.																													
Remarks:																													
CONTRACTOR HRS TODAY = 218 TOTAL THIS MONTH = 1674																													
WATER HAULED TODAY = 30 M3 TOTAL WATER HAULED = 1020 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																													
Daily Mud Cost: 525				Daily Tangible Cost: 0				Daily Well Cost: 53,887				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 58,102				Cum Tangible Cost: 126,573				Cum Well Cost: 2,451,875				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA						Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS															
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0															
						API No:				AFE No: RWNK-R3005-400				Date: 10-APR-2004 Page: 1 Of 1															

Measured Depth:		385.0		TVD:		385.0		PBD:		0.0		Proposed MD:		4,722.0		Proposed TVD:		3,236.0			
DOL:		34		DFS:		10		Spud Date:				Daily Footage:				Daily Rot Hrs:		Total Rot Hrs: 112.0			
Torq:				Drag:				Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas:		/			
Last Casing Size:				Set At:		MD		TVD		Shoe Test:		EMW		Leakoff?							
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:									
Liner Size:				Set At:		MD		TVD		Liner Top At:		MD		TVD							
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /			
WL		API:		HTHP:		FC		API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:			
Pm:		PF/Mf:		/		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG:		/		%DS/Bent: /			
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:											
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)		TFA		MD In		MD Out		TVD Out			
										- / - / - / - / -											
										- / - / - / - / -											
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc			
						/		/													
						/		/													
Total Length of BHA:				BHA Description:																	
												Hrs On Jars:		Hours Since Last Inspection:							
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW			
		/ /		/ /		/ /															
		/ /		/ /		/ /															
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS					
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight												Total Hours Reported:			
0.00				01 - 99		06:00 OPERATION; LAY DOWN DIVERTER															
				-																	
				-																	
				-																	
				-																	
				-																	
				-																	
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				-																	
				-																	
				-																	
				-																	
Safety:																					
24 Hr Summary:																					
Projected Oprn:																					
Remarks:																					
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:									
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:									
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:		Blended:			
Country:				Rig:		AKITA RIG #48		Rig Phone:		403 699 2884		Drilling Rep:		CURTIS/SPEARS							
Field:		FT. LIARD		Lease:		CHEVRON ET AL LIARD 2M-25		Well No:				Well ID:		CR0086 -0							
				API No:				AFE No:		RWN-C-R3005-400		Date:		09-APR-2004		Page: 2 Of 2					

Measured Depth: 385.0		TVD: 385.0		PBID: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 34		DFS: 10		Spud Date:		Daily Footage:		Daily Rot Hrs:		Total Rot Hrs: 112.0																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: 0.0 / 0.0		Bar: 0		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: 0 EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /											
WL API:		HIHP:		FC API:		HIHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
1.0		0.0N/ADESCO		1.0		0.0N/AMUD ENGR																							
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
														Hrs On Jars:				Hours Since Last Inspection:											
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
1.00		0		01 - 07		LAY DOWN 4 - 228 DC																							
1.75		100		01 - 08		RIG TO RUN CASING.																							
0.25		245		01 - 21		RIG SERVICE																							
0.25		300		01 - 62		SAFETY MEETING.																							
4.75		315		01 - 08		RUN CASING. RAN 31 JOINTS, 339.7MM, 101.19 KG/M, K-55, BTC PLUS FLOAT COLLAR AND FLOAT SHOE. TOTAL LENGTH =																							
						388.50M. LANDED AT 383M KB.																							
1.75T		800		01 - 08		LAY DOWN LANDING JOINT (DAMAGED PIN AND COLLAR), PICK UP FULL JOINT																							
1.00		945		01 - 01		CIRCULATE CASING, RECIPROCATE IN 5M STROKES																							
0.75		1045		01 - 09		RIG IN CEMENTERS																							
0.25		1130		01 - 62		SAFETY MEETING.																							
2.25		1145		01 - 09		CEMENT CASING AND RIG OUT CEMENTERS. PREFLUSH WITH 3M3 WATER, PRESSURE TEST LINES TO 15000 KPA, PUMP 3M3 1200																							
						KG/M3 SCAVENGER SLURRY. MIX AND PUMP 46.7 TONNES, 0-1-0 'G' + 2% CACL2, (35.5M3), 1900 KG/M3 CEMENT. DISPLACE																							
						WITH 29.3M3 WATER. BUMP PLUG WITH 3500 KPA OVER FINAL PUMPING PRESSURE. FLOATS HOLDING. CIRCULATED 3M3																							
						SCAVENGER AND 11M3 CEMENT TO SURFACE. PLUG DOWN AT 13:30, APRIL 9, 2004																							
10.00		1400		01 - 43		WAIT ON CEMENT. CLEAN SUCTION TANK.																							
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: LAYDOWN MACHINES POWER TONGS, CEMENTING																													
24 Hr Summary: LAY DOWN 228 DC'S, RIG TO AND RUN CASING, CIRC CASING, CEMENT, WOC																													
Projected Opn: WOC, BACK OUT LANDING JOINT, NIPPLE DOWN DIVERTER, INSTALL BOWL, NIPPLE UP BOP																													
Remarks:																													
CONTRACTOR HRS TODAY = 164 TOTAL THIS MONTH = 1456																													
WATER HAULED TODAY = 60 M3 TOTAL WATER HAULED = 990 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																													
FLUID HAULED TO SUMP APR 1 - 8 = 55 M3 TOTAL HAULED = 55 M3																													
Daily Mud Cost: 595				Daily Tangible Cost: 69,460				Daily Well Cost: 179,174				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 57,577				Cum Tangible Cost: 126,573				Cum Well Cost: 2,397,988				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWMNC-R3005-400				Date: 09-APR-2004				Page: 1 Of 2													

Measured Depth: 385.0		TVD: 385.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 33		DFS: 9		Spud Date:		Daily Footage: 46.0		Daily Rot Hrs: 15.8		Total Rot Hrs: 112.0																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind:		Seas: /		Bar:		POB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co:				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /											
WL API:		HIHP:		FC API:		HIHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
										- / - / - / - / -																			
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
						/		/																					
						/		/																					
Total Length of BHA:				BHA Description:																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
		/ /		/ /		/ /																							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported:													
0.00				01 - 99		06:00 OPERATION - RUNNING CASING																							
				-																									
				-																									
				-																									
				-																									
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				-																									
				-																									
Safety:																													
24 Hr Summary:																													
Projected Oprn:																													
Remarks:																													
Daily Mud Cost:				Daily Tangible Cost:				Daily Well Cost:				Incidents:																	
Cum Mud Cost:				Cum Tangible Cost:				Cum Well Cost:				Total Appr:																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country:						Rig: AKITA RIG #48						Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS													
Field: FT. LIARD						Lease: CHEVRON ET AL LIARD 2M-25						Well No:				Well ID: CR0086 -0													
API No:						AFE No: RWNK-R3005-400						Date: 08-APR-2004				Page: 2 Of 2													

Measured Depth: 385.0		TVD: 385.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																															
DOL: 33		DFS: 9		Spud Date:		Daily Footage: 46.0		Daily Rot Hrs: 15.8		Total Rot Hrs: 112.0																													
Torq: 4900		Drag: 0.0		Rot Wgt: 47.0		P/U Wgt: 47.0		Slack Off Wgt: 47.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:																									
Last Casing Size:				Set At: MD				TVD		Shoe Test: 0 EMW		Leakoff?																											
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																											
Liner Size:				Set At: MD				TVD		Liner Top At: MD				TVD																									
Mud Co: MARQUIS DRILLING FLD				Type: SPUD MUD				Sample From:		Wt: 1100		FV: 93		PV: 29		YP: 17.2		Gel: 5 / 9																					
WL API: 9.4				HTHP: 0.0				FC API: 1.0		HTHP: 0.0		Solids:		% Oil: 0.00		% Water: 0.00		% Sand: 0.00		MBT: 9.0																			
Pm: 0.00				Pf/Mf: 0.20 / 0.30				Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /																					
2.0				0.0N/ACAUSTIC				20.0				0.0N/ASAWDUST				30.0				0.0N/ABENTONITE				2.0				0.0N/ADETERGENT				2390.0				0.0N/ATRANSPORTAT			
1.0				0.0N/AMUD ENGR																																			
Drlg Gas:				Max Gas:				Conn Gas:				Trip Gas:				Trip Cl:				Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out																			
5		4-3-7		444.5		SMITH		LR8858		1-25.4/2-22.2/1-12.7/ - / -				1407.7		224.0		373.0		373.0																			
6		1-3-7		444.5		SMITH		RT785		1-25.4/2-19.0/1-12.7/ - / -				1201.3		373.0		385.0		385.0																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m											
10MFODPD		149.0		40.3		15.0/18.0		90 / 120																				622.47											
MSDGHC		12.0		4.0		15.0/15.0		100 / 120																				1944.46											
Total Length of BHA: 239.29				BHA Description: BIT, BIT SUB, SHOCK SUB, 7-228 DC, XO, 9-178 DC, XO, 9-127 HWDP																																			
												Hrs On Jars:				Hours Since Last Inspection:																							
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW																	
5		152 / 152 / 0		/ /		120/120/		6800		3.21		38.13		50.69		28.10		47.30		0.2		3367																	
6		152 / 152 /		/ /		120/120/		7000		3.21		44.71		50.69		28.10		65.00		0.3		3466																	
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS																							
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0																							
1.50		0		01 - 02		DRILL FROM 339 - 345M. AROP = 4 M/HR																																	
0.25		130		01 - 06		SURVEY AT 345M - 2 DEG.																																	
0.25		145		01 - 21		RIG SERVICE																																	
6.00		200		01 - 02		DRILL FROM 345 - 359M. AROP = 2.3 M/HR																																	
0.25		800		01 - 62		SAFETY MEETING																																	
4.25		815		01 - 02		DRILL FROM 359 - 373M. AROP = 3.3 M/HR																																	
0.50		1230		01 - 01		CIRCULATE																																	
4.00		1300		01 - 05		WIPER TRIP, STRAP OUT, CHANGE BITS.																																	
3.00		1700		01 - 02		DRILL FROM 373 - 382M. AROP = 3 M/HR																																	
0.25		2000		01 - 62		SAFETY MEETING																																	
1.00		2015		01 - 02		DRILL FROM 382 - 385M AROP = 3 M/HR																																	
0.50		2115		01 - 01		CIRCULATE																																	
0.50		2145		01 - 06		SURVEY AT 383M - 2 DEG																																	
1.50		2215		01 - 05		TRIP OUT TO RUN CASING.																																	
0.25		2345		01 - 21		RIG SERVICE, FUNCTION DIVERTER																																	
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: SPILL RESPONSE/RECYCLING. JSA ON TRIPPING																																							
24 Hr Summary: DRILL FROM 339 TO 373, TRIP, DRILL TO 385, TRIP OUT TO RUN CASING																																							
Projected Opn: TRIP OUT, RIG TO AND RUN CASING, CIRC, CEMENT, WOC																																							
Remarks:																																							
CONTRACTOR HRS TODAY = 120 TOTAL THIS MONTH = 1292																																							
WATER HAULED TODAY = 60 M3 TOTAL WATER HAULED = 930 M3																																							
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3																																							
Daily Mud Cost: 3,565				Daily Tangible Cost: 0				Daily Well Cost: 111,689				Incidents: NO INCIDENT REPORTED																											
Cum Mud Cost: 56,982				Cum Tangible Cost: 57,113				Cum Well Cost: 2,218,814				Total Appr: 11,377,106																											
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement:				Blended:																			
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																											
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																											
				API No:				AFE No: RWNC-R3005-400				Date: 08-APR-2004				Page: 1 Of 2																							

Metric **Drilling Activity Report**[illegible]

Measured Depth: 339.0		TVD: 339.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0					
DOL: 32		DFS: 8		Spud Date:		Daily Footage: 87.0		Daily Rot Hrs: 20.8		Total Rot Hrs: 96.3			
Torq: 4900		Drag: 0.0		Rot Wgt: 47.0		P/U Wgt: 47.0		Slack Off Wgt: 47.0		Wind: Seas: 0.0 / 0.0			
Bar: 0		POB:		Last Casing Size:		Set At: MD		TVD		Shoe Test: 0 EMW Leakoff?			
Cum Rot Hrs On Casing:		Cum Rot Hrs On Casing Since Last Caliper:		Depth Worst Wear:		% Remaining:							
Liner Size:		Set At: MD		TVD		Liner Top At: MD		TVD					
Mud Co: MARQUIS DRILLING FLD		Type: SPUD MUD		Sample From:		Wt: 1085		FV: 87		PV: 38			
Yp: 16.3		Gel: 3 / 7		WL API: 8.6		HTHP: 0.0		FC API: 1.0		HTHP: 0.0			
Solids:		% Oil: 0.00		% Water: 0.00		% Sand: SAMPL		MBT:		Ph: 9.0			
Pm: 0.00		Pf/Mf: 0.20 / 0.40		Carb:		Cl:		Ca:		Bent:			
Solids %HG/LG: /		%DS/Bent: /											
1.0 0.0N/ACAUSTIC 12.0 0.0N/ABENTONITE 1.0 0.0N/AMUD ENGR													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)			
5		4-3-7		444.5		SMITH		LR8858		1-25.4/2-22.2/1-12.7/ - / -			
										- / - / - / - / -			
Type		Hours		WOB		RPM		Motor RPM		I-Row			
10MFODPD		115.0		28.5		15.0/18.0		90 / 120					
				/		/							
Total Length of BHA: 239.29 BHA Description: BIT, BIT SUB, SHOCK SUB, 7-228 DC, XO, 9-178 DC, XO, 9-127 HWDP													
						Hrs On Jars:			Hours Since Last Inspection:				
Bit Num		Liner		Stroke		SPM		Press.		M3/Min			
5		152 / 152 / 0		/ /		120/120/		6800		3.21			
		/ /		/ /		/ /							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates			
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight						Total Hours Reported: 24.0	
1.50		0		01 - 02		DRILL FROM 252 - 255M AROP = 2 M/HR							
0.25		130		01 - 21		RIG SERVICE.							
0.50		145		01 - 20		WORK ON PUMP							
0.50		215		01 - 02		DRILL FROM 255 - 259M. AROP = 8 M/HR							
0.50		245		01 - 06		SURVEY AT 257M - 1.50 DEG							
4.75		315		01 - 02		DRILL FROM 259 - 271M AROP = 2.5 M/HR							
0.25		800		01 - 21		RIG SERVICE, FUNCTION DIVERTER							
2.25		815		01 - 02		DRILL FROM 271 - 287M AROP = 7.1 M/HR							
0.25		1030		01 - 06		SURVEY AT 287M - 1.75 DEG							
5.25		1045		01 - 02		DRILL FROM 287 - 308M. AROP = 4 M/HR							
0.25		1600		01 - 62		SAFETY MEETING.							
1.25		1615		01 - 02		DRILL FROM 308 - 316M AROP = 6.4 M/HR							
0.25		1730		01 - 06		SURVEY AT 316M - 2 DEG							
4.25		1745		01 - 02		DRILL FROM 316 - 334M AROP = 4.2 M/HR							
0.25		2200		01 - 21		RIG SERVICE							
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS: ROUTINE FLOOR WORK, WORKING AT HEIGHTS, COMPETENCY TRAINING													
24 Hr Summary: DRILL AND SURVEY FROM 252 - 339M.													
Projected Opn: DRILL TO 385M, WIPER TRIP, TRIP OUT, RUN CASING													
Remarks:													
CONTRACTOR HRS TODAY = 156 TOTAL THIS MONTH = 1172													
WATER HAULED TODAY = 60 M3 TOTAL WATER HAULED = 870 M3													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 448.2 M3													
Daily Mud Cost: 712		Daily Tangible Cost: 0		Daily Well Cost: 44,336		Incidents: NO INCIDENT REPORTED							
Cum Mud Cost: 53,417		Cum Tangible Cost: 57,113		Cum Well Cost: 2,107,125		Total Appr: 11,377,106							
Drill Water:		Potable Water:		Fuel:		Bulk Weight:		Neat Cement:		Blended:			
Country: CANADA		Rig: AKITA RIG #48		Rig Phone: 403 699 2884		Drilling Rep: CURTIS/SPEARS							
Field: FT. LIARD		Lease: CHEVRON ET AL LIARD 2M-25		Well No:		Well ID: CR0086 -0							
API No:		AFE No: RWNCR-3005-400		Date: 07-APR-2004		Page: 1 Of 2							

Measured Depth: 252.0		TVD: 252.0		PBID: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																			
DOL: 31		DFS: 7		Spud Date:		Daily Footage: 46.0		Daily Rot Hrs: 13.8		Total Rot Hrs: 75.5																	
Torq: 0		Drag: 0.0		Rot Wgt: 45.0		P/U Wgt: 45.0		Slack Off Wgt: 45.0		Wind: Seas: 0.0 / 0.0		Bar: 0		FOB:													
Last Casing Size:				Set At: MD				TVD				Shoe Test: 0 EMW				Leakoff?											
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:															
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD											
Mud Co: MARQUIS DRILLING FLD				Type: SPUD MUD				Sample From:		Wt: 1085		FV: 86		PV: 36		YP: 13.9		Gel: 3 / 6									
WL API: 9.0				HTHP: 0.0				FC API: 1.0		HTHP: 0.0		Solids:		% Oil: 0.00		% Water: 0.00		% Sand: SAMPL		MBT: Ph: 9.0							
Pm: 0.00		PF/MF: 0.20 / 0.40		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /													
40.0 0.0N/ABENTONITE 2390.0 0.0N/A TRANSPORTAT 1.0 0.0N/A MUD ENGR																											
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																	
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out							
3		4-3-7		444.5		HUGHES		RR00985		4-19.0 / - / - / - / -				1134.2		166.0		213.0		213.0							
4		5-3-7		311.2		SMITH		YD6154		3-15.9 / - / - / - / -				594.8		213.0		224.0		224.0							
Type		Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
MAXGT-09		47.0		21.3		10.0/15.0		80 / 120																		1285.47	
F2XP		11.0		3.5		10.0/12.0		90 / 120																		984.84	
Total Length of BHA: 239.29 BHA Description: BIT, BIT SUB, SHOCK SUB, 7-228 DC, XO, 9-178 DC, XO, 9-127 HWDP																											
										Hrs On Jars:			Hours Since Last Inspection:														
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW					
3		152 / 152 / 0		/ /		110/110/		6000		2.94		43.43		20.70		25.79		55.50		0.2		2727					
4		152 / 152 /		/ /		110/110/		7500		2.94		82.69		46.51		83.70		201.20		1.7		3409					
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS											
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0											
2.50		0		01 - 02		DRILL FROM 206 - 213M AROP = 2.8 M/HR																					
2.25		230		01 - 05		TRIP OUT																					
0.25		445		01 - 21		RIG SERVICE.																					
1.50		500		01 - 05		RUN IN 311.2MM BIT.																					
3.50		630		01 - 02		DRILL 311.2 HOLE FROM 213 - 224M AROP = 3.1 M/HR																					
3.75		1000		01 - 05		TRIP OUT, RUN IN 444.5 BIT.																					
2.00		1345		01 - 03		OPEN HOLE FROM 311.2 - 444.5. 213 - 224M.																					
4.25		1545		01 - 02		DRILL 444.5 HOLE FROM 224 - 237M AROP = 3.1 M/HR																					
0.25		2000		01 - 62		SAFETY MEETING																					
0.25		2015		01 - 21		RIG SERVICE																					
3.50		2030		01 - 02		DRILL FROM 237 - 252M. AROP = 4.2 M/HR.																					
0.00				01 - 99		06:00 OPERATION; DRILLING AT 268M.																					
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. REVIEW JSA'S; A-19, TRIP OUT. SAFETY MEETING - TARGET ZERO																											
24 Hr Summary: DRILL TO 213M, TRIP, DRILL 311.2 TO 224M, TRIP, DRILL 444.5 TO 252M.																											
Projected Opn: DRILL AHEAD.																											
Remarks: CONTRACTOR HRS TODAY = 144 TOTAL THIS MONTH = 1160																											
WATER HAULED TODAY = 60 M3 TOTAL WATER HAULED = 810 M3																											
FUEL HAULED TODAY = 17.6 M3 TOTAL FUEL HAULED = 448.2 M3																											
Daily Mud Cost: 3,368				Daily Tangible Cost: 0				Daily Well Cost: 46,992				Incidents: NO INCIDENT REPORTED															
Cum Mud Cost: 52,705				Cum Tangible Cost: 57,113				Cum Well Cost: 2,062,789				Total Appr: 11,377,106															
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:											
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS															
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0															
API No:				AFE No: RWNK-R3005-400				Date: 06-APR-2004				Page: 1 Of 1															

Measured Depth: 206.0		TVD: 206.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 30		DFS: 6		Spud Date:		Daily Footage: 40.0		Daily Rot Hrs: 18.8		Total Rot Hrs: 61.8																			
Torq: 3500		Drag: 0.0		Rot Wgt: 44.0		P/U Wgt: 45.0		Slack Off Wgt: 43.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size:				Set At: MD				TVD				Shoe Test: 0 EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: SPUD MUD				Sample From:		Wt: 1085		FV: 78		PV: 39		YP: 12.4		Gel: 3 / 5											
WL API: 9.8		HIHP: 0.0		FC API: 2.0		HIHP: 0.0		Solids:		% Oil: 0.00		% Water: 0.00		% Sand: SAMPL		MBT:		Ph: 9.5											
Pm: 0.00		PF/Mf: 0.40 / 0.40		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
45.0 0.0N/ABENTONITE 1.0 0.0N/AMUD ENGR																													
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
3		4-3-7		444.5		HUGHES		RR00985		4-19.0 / - / - / - / -				1134.2		166.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
MAXGT-09		40.0		18.8		10.0/15.0		80 / 120																				1406.23	
						/		/																					
Total Length of BHA: 202.17														BHA Description: BIT, BIT SUB, SHOCK SUB, 7-228 DC, XO, 9-178 DC, XO, 9-127 HWDP															
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner				Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW					
3		152 / 152 / 0				/ /		120/120/		6000		3.21		47.09		22.56		28.10		71.10		0.3		2971					
		/ /				/ /		/ /																					
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates				E/W Coordinates				Vertical Section				DLS							
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
7.75		0		01 - 02		DRILL FROM 444.5MM HOLE FROM 166 - 184M AROP = 2.3M/HR																							
0.25		745		01 - 21		RIG SERVICE																							
3.00		800		01 - 02		DRILL FROM 184 - 191M AROP = 2.3 M/HR																							
0.25		1100		01 - 21		RIG SERVICE, FUNCTION DIVERTER																							
0.25		1115		01 - 06		SURVEY AT 191M - 1.25 DEG																							
4.50		1130		01 - 02		DRILL FROM 191 - 201M AROP = 2.2 M/HR																							
1.00T		1600		01 - 20		WORK ON PUMP.																							
3.50		1700		01 - 02		DRILL FROM 201 - 206M. AROP = 1.5 M/HR																							
3.50T		2030		01 - 20		WORK ON PUMPS. (BROKEN VALVE #2 PUMP; HEAD, LINER AND WEAR PLATE #1 PUMP.																							
0.00				01 - 99		06:00 OPERATION: RUN IN HOLE WITH 311.2 MM PILOT HOLE ASSEMBLY.																							
				-																									
				-																									
				-																									
				-																									
				-																									
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. REVIEW JSA'S; A-4, SERVICE CROWN; B-9, REPAIR HEAD ON MUD PUMP; B-10, REPAIR PUMP.																													
24 Hr Summary: DRILL FROM 166 - 206M, REPAIR PUMPS																													
Projected Opn: DRILL, TRIP OUT 444.5 BIT, RUN IN 311.2 BIT, DRILL AHEAD.																													
Remarks: CONTRACTOR HRS TODAY = 204 TOTAL THIS MONTH = 908																													
WATER HAULED TODAY = 120 M3 TOTAL WATER HAULED = 630 M3																													
FUEL HAULED TODAY = 13.3 M3 TOTAL FUEL HAULED = 430.6 M3																													
Daily Mud Cost: 1,038				Daily Tangible Cost: 0				Daily Well Cost: 61,688				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 49,337				Cum Tangible Cost: 57,113				Cum Well Cost: 2,015,797				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
API No:				AFE No: RWNCR-R3005-400				Date: 05-APR-2004				Page: 1 Of 1																	

Measured Depth: 166.0		TVD: 166.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 29		DFS: 5		Spud Date:		Daily Footage: 0.0		Daily Rot Hrs: 0.0		Total Rot Hrs: 43.0																			
Torq:		Drag:		Rot Wgt:		P/U Wgt:		Slack Off Wgt:		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size:				Set At: MD				TVD				Shoe Test: 0 EMW Leakoff?																	
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: SPUD MUD				Sample From:		Wt: 1065		FV: 76		FV: 24		YP: 9.6		Gel: 3 / 5											
WL API: 11.0				HHP: 0.0				FC API: 2.0		HHP: 0.0		Solids:		% Oil: 0.00		% Water: 0.00		% Sand: SAMPL		MBT: Ph: 9.0									
Pm: 0.00		Pf/Mf: 0.15 / 0.30		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /				%DS/Bent: /													
7.0		0.0N/ACAUSTIC		26.0		0.0N/ABENTONITE		6800.0		0.0N/A TRANSPORTAT		1.0		0.0N/AMUD ENGR															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
3		4-3-7		444.5		HUGHES		RR00985		4-19.0 / - / - / - / -				1134.2		166.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
MAXGT-09		0.0		0.0		0.0/0.0		0 / 0																				0.00	
						/		/																					
Total Length of BHA:														BHA Description:															
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
3		152 / 152 / 0		/ /		/ /		0		0.00		0.00		0.00		0.00		0.00		0.0		0							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section				DLS											
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
5.00		0		01 - 03		OPEN HOLE TO 444.5MM FROM 95 - 107M.																							
0.25		500		01 - 21		RIG SERVICE.																							
8.75		515		01 - 03		OPEN HOLE TO 444.5MM FROM 107 - 143M.																							
1.00		1400		01 - 20		REPAIR LEAK IN PUMP MANIFOLD.																							
0.25		1500		01 - 62		SAFETY MEETING																							
1.25		1515		01 - 03		OPEN HOLE TO 444.5MM FROM 143 - 146M.																							
0.25		1630		01 - 21		RIG SERVICE, FUNCTION DIVERTER																							
6.50		1645		01 - 03		OPEN HOLE TO 444.5MM FROM 146 - 166M.																							
0.25		2315		01 - 21		RIG SERVICE																							
0.50		2330		01 - 06		SURVEY AT 165M - 2 DEGREES																							
0.00				01 - 99		06:00 OPERATION; DRILLING AT 182M.																							
				-																									
				-																									
				-																									
				-																									
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. REVIEW JSA; C-7, FIRE EXTINGUISHER INSPECTION. SAFETY MEETINGS TARGET ZERO																													
24 Hr Summary: OPEN HOLE FROM 95 - 166M. REPAIR PUMP MANIFOLD.																													
Projected Opn: DRILL 444.5MM HOLE AND SURVEY.																													
Remarks:																													
CONTRACTOR HRS TODAY = 188 TOTAL THIS MONTH = 704																													
WATER HAULED TODAY = 60 M3 TOTAL WATER HAULED = 510 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 417.3 M3																													
OPEN HOLE FROM 311.2 - 444.5, TO 166M, 39.5 ROTARING HOURS																													
Daily Mud Cost: 7,908				Daily Tangible Cost: 0				Daily Well Cost: 60,912				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 48,299				Cum Tangible Cost: 57,113				Cum Well Cost: 1,954,109				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWMNC-R3005-400				Date: 04-APR-2004				Page: 1 Of 1													

Measured Depth: 166.0		TVD: 166.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 28		DFS: 4		Spud Date:		Daily Footage: 0.0		Daily Rot Hrs: 0.0		Total Rot Hrs: 43.0																			
Torq: 0		Drag: 0.0		Rot Wgt: 0.0		P/U Wgt: 0.0		Slack Off Wgt: 0.0		Wind: Seas: 0.0 / 0.0		Bar: 0		FOB:															
Last Casing Size:				Set At: MD				TVD				Shoe Test: 0 EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: SPUD MUD				Sample From:		Wt: 1050		FV: 42		PV: 12		YP: 3.4		Gel: 1 / 1											
WL API: 13.6				HTHP: 0.0				FC API: 2.0		HTHP: 0.0		Solids:		% Oil: 0.00		% Water: 0.00		% Sand: SAMPL		MBT: Ph: 9.0									
Pm: 0.00		Pf/Mf: 0.20 / 0.40		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
4.0		0.0N/ACAUSTIC		84.0		0.0N/ABENTONITE		6930.0		0.0N/A TRANSPORTAT		1.0		0.0N/AMUD ENGR															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
3		4-3-7		444.5		HUGHES		RR00985		4-19.0 / - / - / - / -				1134.2		166.0													
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
MAXGT-09		0.0		0.0		0.0/0.0		0 / 0																				0.00	
						/		/																					
Total Length of BHA:		0.00		BHA Description: BIT, BIT SUB, SHOCK SUB, 7-228 DC, XO, 9-178 DC, XO, 9-217 HWDP																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner				Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW					
3		152 / 152 /				/ /		/ /				0.00		0.00		0.00		0.00		0.00		0.0		0					
		/ /				/ /		/ /																					
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
0.50		0		01 - 05		MAKE UP 444.5MM BIT																							
0.25		30		01 - 21		RIG SERVICE.																							
0.75		45		01 - 21		SLIP AND CUT DRILLING LINE																							
0.50		130		01 - 05		MAKE UP TOP DRIVE TO 228MM STAND																							
7.00		200		01 - 03		OPEN HOLE FROM 311.2 TO 444.5MM. 18M - 44M.																							
0.25		900		01 - 21		CHANGE SHAKER SCREENS TO 50 MESH SCREENS																							
0.25		915		01 - 62		HELD SAFETY MEETING WITH RIG JACKERS PRIOR TO LEVELLING RIG																							
4.25		930		01 - 03		OPEN HOLE TO 444.5MM FROM 44 TO 60M.																							
0.25		1345		01 - 21		RIG SERVICE. FUNCTION DIVERTER																							
5.25		1400		01 - 03		OPEN HOLE TO 444.5MM FROM 60 TO 75M.																							
0.75		1915		01 - 06		SURVEY CHECKSHOT AT 60M - 1 DEGREE																							
3.50		2000		01 - 03		OPEN HOLE TO 444.5MM FROM 75 TO 90M.																							
0.25		2330		01 - 21		RIG SERVICE																							
0.25		2345		01 - 06		SURVEY CHECKSHOT AT 90M - 1 DEGREE																							
0.00				01 - 99		06:00 OPERATION; OPEN HOLE TO 444.5MM AT 112M.																							
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. REVIEW JSA'S; A-48, RIG JACKING; B-12, CHANGE SHAKER SCREENS; C-15, HANDLING OIL DRUM																													
24 Hr Summary: MAKE UP 444.5MM BIT, OPEN HOLE TO 444.5 FROM 18 - 95M.																													
Projected Opn: FINISH OPEN HOLE TO 444.5MM FROM 95 - 166M. DRILL AHEAD																													
Remarks:																													
CONTRACTOR HRS TODAY = 120 TOTAL THIS MONTH = 516																													
WATER HAULED TODAY = 30 M3 TOTAL WATER HAULED = 450 M3																													
FUEL HAULED TODAY = 0 M3 TOTAL FUEL HAULED = 417.3 M3																													
LEVELLED RIG. LIFTED V-DOOR END 4" DH SIDE, 1" MT SIDE																													
Daily Mud Cost: 8,604				Daily Tangible Cost: 34,755				Daily Well Cost: 90,399				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 40,391				Cum Tangible Cost: 57,113				Cum Well Cost: 1,893,197				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWN-C-R3005-400				Date: 03-APR-2004				Page: 1 Of 1													

Measured Depth: 166.0		TVD: 166.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 27		DFS: 3		Spud Date:		Daily Footage: 73.0		Daily Rot Hrs: 18.8		Total Rot Hrs: 43.0																			
Torq: 4000		Drag: 1.0		Rot Wgt: 44.0		P/U Wgt: 45.0		Slack Off Wgt: 43.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size:				Set At: MD				TVD				Shoe Test: 0 EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type: SPUD MUD				Sample From:		Wt: 1055		FV: 57		PV: 25		YP: 5.3		Gel: 2 / 3											
WL API: 11.8				HHP: 0.0				FC API: 2.0		HHP: 0.0		Solids: 0.00		% Oil: 0.00		% Water: 0.00		% Sand: SAMPLE		MBT: Ph: 9.5									
Pm: 0.00		Pf/Mf: 0.20 / 0.40		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
3.0		0.0N/ACAUSTIC		20.0		0.0N/ASAWDUST		141.0		0.0N/A BENTONITE		6304.0		0.0N/ATransportat															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
2		5-2-7		311.2		SMITH		YP6145		3-15.9 / - / - / - / -				594.2		54.0		166.0		166.0									
										- / - / - / - / -																			
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
F2XPADC		112.0		32.0		5.0/8.0		60 / 60																				654.76	
						/		/																					
Total Length of BHA: 166.00				BHA Description: BIT, NB STAB, SHOCK, 1-228 DC, STR STAB, 1-228 DC, STR STAB, 5-228 DC, XO, 9-178 DC																									
										Hrs On Jars:				Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
2		152 / 152 / 0		/ /		95/ 95/		5000		2.54		71.66		40.17		72.30		126.90		1.1		1963							
		/ /		/ /		/ /																							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
7.50		0		01 - 02		DRILL FROM 93 - 116M. AROP = 3.0 M/HR																							
0.25		730		01 - 21		RIG SERVICE, FUNCTION DIVERTER																							
0.25		745		01 - 06		SURVEY																							
0.25		800		01 - 62		SAFETY MEETING.																							
10.50		815		01 - 02		DRILL FROM 116 - 160M. AROP = 4.2 M/HR																							
0.25		1845		01 - 21		RIG SERVICE																							
1.00		1900		01 - 06		SURVEY																							
0.75		2000		01 - 02		DRILL FROM 160 - 166M. AROP = 8.0 M/HR																							
0.50		2045		01 - 01		CIRCULATE																							
2.50		2115		01 - 05		TRIP OUT, LAY DOWN STABS.																							
0.25		2345		01 - 21		RIG SERVICE.																							
0.00				01 - 99		06:00 OPERATION - OPEN HOLE FROM 311.2 - 444.5 @ 32M.																							
				-																									
				-																									
				-																									
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. REVIEW JSA'S; A-01, RIG SERVICE, A-15, TUGGER OPERATION; A-19, TRIP OUT.																													
24 Hr Summary: DRILL FROM 93 - 166M. TRIP OUT, LAY DOWN STABS.																													
Projected Opn: MAKE UP 444.5 BIT, OPEN HOLE FROM 311.2 - 444.5MM.																													
Remarks: CONTRACTOR HRS TODAY = 228 TOTAL THIS MONTH = 396																													
WATER HAULED TODAY = 30 M3 TOTAL WATER HAULED = 420 M3																													
FUEL HAULED TODAY = 120.7M3 TOTAL FUEL HAULED = 417.3 M3																													
Daily Mud Cost: 8,201				Daily Tangible Cost: 0				Daily Well Cost: 83,851				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 31,787				Cum Tangible Cost: 22,358				Cum Well Cost: 1,802,798				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
				API No:				AFE No: RWMNC-R3005-400				Date: 02-APR-2004				Page: 1 Of 1													

Measured Depth: 93.0		TVD: 93.0		PBTD: 0.0		Proposed MD: 4,722.0		Proposed TVD: 3,236.0																					
DOL: 26		DFS: 2		Spud Date:		Daily Footage: 55.0		Daily Rot Hrs: 18.8		Total Rot Hrs: 24.3																			
Torq: 3200		Drag: 0.0		Rot Wgt: 4.0		P/U Wgt: 4.0		Slack Off Wgt: 4.0		Wind: Seas: 0.0 / 0.0		Bar: 0		POB:															
Last Casing Size:				Set At: MD				TVD				Shoe Test: 0 EMW				Leakoff?													
Cum Rot Hrs On Casing:				Cum Rot Hrs On Casing Since Last Caliper:				Depth Worst Wear:				% Remaining:																	
Liner Size:				Set At: MD				TVD				Liner Top At: MD				TVD													
Mud Co: MARQUIS DRILLING FLD				Type:				Sample From:		Wt:		FV:		PV:		YP:		Gel: /											
WL API:		HIHP:		FC API:		HTHP:		Solids:		% Oil:		% Water:		% Sand:		MBT:		Ph:											
Pm:		Pf/Mf: /		Carb:		Cl:		Ca:		Bent:		Solids %HG/LG: /		%DS/Bent: /															
2.0		0.0N/ACAUSTIC		30.0		0.0N/ASAWDUST		142.0		0.0N/A BENTONITE		4955.0		0.0N/ATransportat															
Drlg Gas:		Max Gas:		Conn Gas:		Trip Gas:		Trip Cl:		Remarks:																			
Bit Number		IADC		Size		Manufacturer		Serial number		Jets (Quantity - Size)				TFA		MD In		MD Out		TVD Out									
1		1-1-6		311.0		H-C		B22169		3-15.9/1-11.0/ -0.0/ -0.0/ -				691.0		0.0		54.0		54.0									
2		5-2-7		311.2		SMITH		YP6145		3-15.9/ - / - / - / -				594.2		54.0													
Type				Hours		WOB		RPM		Motor RPM		I-Row		O-Row		DC		Loc		B		G		Char		?Pull		Cost/m	
G1C1		54.0		11.0		4.0/5.0		45 / 55																				361.09	
F2XPADC		39.0		13.3		5.0/7.0		35 / 45																				1079.07	
Total Length of BHA: 54.00				BHA Description: BIT, NB STAB, SHOCK SUB, 1-228MM COLLAR, STRING STAB, 1-228 COLLAR, STRING STAB																									
Hrs On Jars:														Hours Since Last Inspection:															
Bit Num		Liner		Stroke		SPM		Press.		M3/Min		Jet Vel		DP Av		DC Av		Bit kW		BHHP/SQIN		Pump kW							
1		152 / 0 / 0		/ /		90/ /		700		1.20		29.20		19.08		34.35		9.60		0.1		131							
2		152 / 152 /		/ /		80/ 80/		2500		2.14		60.26		33.80		60.81		0.00		0.0		827							
Survey MD		Angle		Azimuth		Direction		TVD		N/S Coordinates		E/W Coordinates		Vertical Section		DLS													
Hours		From		Act-Cat		Operations Covering 24 Hours Ending at Midnight										Total Hours Reported: 24.0													
2.75		0		01 - 02		DRILL FROM 38 - 45M. AROP = 2.5 M/HR																							
0.25		245		01 - 21		RIG SERVICE, FUNCTION DIVERTER																							
2.75		300		01 - 02		DRILL FROM 45 - 54M. AROP = 3.3 M/HR																							
2.25		545		01 - 05		TRIP FOR BIT																							
0.25		800		01 - 62		SAFETY MEETING TOPIC - BOP DRILL WITH DIVERTER																							
0.75		815		01 - 05		TRIP FOR BIT																							
5.50		900		01 - 02		DRILL FROM 54 - 64M. AROP = 1.8 M/HR																							
0.25		1430		01 - 21		RIG SERVICE																							
1.00		1445		01 - 06		DEVIATION SURVEY (2 MISRUNS)																							
4.25		1545		01 - 02		DRILL FROM 64 - 83M. AROP = 4.5 M/HR																							
0.25		2000		01 - 62		SAFETY MEETING. WORKING WITH TRUCKS.																							
3.50		2015		01 - 02		DRILL FROM 83 - 93M. AROP = 2.9 M/HR																							
0.25		2345		01 - 21		RIG SERVICE																							
0.00				01 - 99		06:00 OPERATION - DRILLING AT 112M.																							
Safety: NO ACCIDENTS REPORTED LAST 24 HRS. SAFETY MEETING TOPICS - BOP DRILL WITH DIVERTER / WORKING WITH TRUCKS / FALL ARREST																													
24 Hr Summary: DRILL FROM 38 - 93M WITH 311.2MM BIT.																													
Projected Opn: DRILL AHEAD WITH 311.2MM BIT, SURVEY																													
Remarks: CONTRACTOR HRS TODAY = 132 TOTAL THIS MONTH = 132																													
WATER HAULED TODAY = 60 M3 TOTAL WATER HAULED = 390 M3																													
FUEL HAULED TODAY = 106.4M3 TOTAL FUEL HAULED = 296.6 M3																													
Daily Mud Cost: 6,864				Daily Tangible Cost: 0				Daily Well Cost: 58,674				Incidents: NO INCIDENT REPORTED																	
Cum Mud Cost: 23,586				Cum Tangible Cost: 22,358				Cum Well Cost: 1,718,947				Total Appr: 11,377,106																	
Drill Water:				Potable Water:				Fuel:				Bulk Weight:				Neat Cement: Blended:													
Country: CANADA				Rig: AKITA RIG #48				Rig Phone: 403 699 2884				Drilling Rep: CURTIS/SPEARS																	
Field: FT. LIARD				Lease: CHEVRON ET AL LIARD 2M-25				Well No:				Well ID: CR0086 -0																	
API No:				AFE No: RWN-C-R3005-400				Date: 01-APR-2004				Page: 1 of 1																	