



Paramount
resources ltd.

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SALLE DE COURIER

2008 APR 16 P 1:55

NEB/ONE

April 16, 2008

National Energy Board
5th Floor, 444 – 7 Avenue SW
Calgary, Alberta
T2P 0X8

Attention: Mr. Bharat Dixit, Chief Conservation Officer

Dear Sir,

Re: Para et al Cameron A-03 Drilling Tour Sheets

Please accept the enclosed copies of Precision Drilling's Daily Tour Sheets for Para et al Cameron A-03 as a true and correct representation of the drilling activities that were carried out at the location.

Please contact Dave Block at 206-3834 if there are any questions regarding these reports.

Yours truly,

PARAMOUNT RESOURCES LTD.

Dave Block, P. Eng.
Engineering Consultant

MORNING

LICENCE NO. 2047		WELL NAME & NO. PARA ET AL CAMERON A-03		DAILY CHECKS (1.) Daily Walk Around Inspection (2.) Detailed Inspection - Weekly (Using Check List) (3.) H2S Signs Posted if Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed (7.) Visually Inspect BOPs- Flare Lines & Degasser Lines (1.) Rig Site Health & Safety Meeting (one/crew/month) (2.) CAODC Rig Safet Inspection Checklist (one/rig/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked		OPR BN R.M. DC		YEAR 2007		MONTH 2		DAY 8		LAST CASING TUBING OR LINER FUEL @ 08:00 HRS		O.D. (mm)		MIN I.D. (mm)		MASS (kg/m3)		MAKE		GRADE		NO. of JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)		SPUD DATE 2007/02/10		TIME 08:00	
OPERATOR PARAMOUNT RESOURCES LTD.				CONTRACTOR NAME PRECISION DRILLING, DIV OF PDC						RIG NO. 220																						RIG RELEASE		TIME			
SURFACE LOCATION A-03-60 DEG 10-117 DEG 30				UNIQUE ID 300A036010117300						RIG 69		BOILER																		WELL TYPE VERT.		RE-ENTRY NO					
SIGNATURE OF OPERATOR'S REPRESENTATIVE BRIAN NEIGUM				SIGNATURE OF CONTRACTOR'S RIG MANAGER DAVE CROWLEY						TEMPERATURE -31		DC/ DP		DC / DP SIZE		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH		OPERATOR'S AFE			
										CURRENT CONDITIONS OVERCAST		DC		165		136		DC		57		165		41/2 XH		22		F-800		EMSCO		228.8		KELLY BSHG			
										WIND DIRECTION S.W.		DP		102		43.2		HWDP		72		134		4FH		8		PZ-7		GARDNER DENVER		178		CONTRACTOR'S JOB NUM 78			
										ROAD CONDITION SLIPPERY		DP		102		23.38		SS/95		82		134		4FH		235						TOUR SHEET SERIAL NUM PREC220_20070208_1C					
																														VENDOR SOFTWARE VERSION EDR_3-2-4 ETS 2.2							

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE			
TIME - HRS		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING	W.O.D.							NO.	TYPE	TYPE	CREW VEHICLE					
																													1	SWACO								
	MORN	8.0																											8.00	SCREENS CHANGED		NEW/ USED						
	DAY	12.0																											12.00	TOP	TOP							
	EVE																							4.0					4.00	MIDDLE	MIDDLE							
	TOTAL	20.00																						4.00					24.00	BOTTOM	BOTTOM							

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				MORNING TOUR		MUD RECORD				METRES DRILLED				TIME LOG																
	BIT	O.D.		BIT NO.				MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS											
				SIZE				TIME											0000	800	8.00	1	TEAR OUT STRIP MUD											
				IADC CODE				DENSITY (kg/m3)																										
				MANUFACTURER				FUNNEL VISCOSITY																										
				TYPE				FLUID LOSS (cm3)																										
				SERIAL NO.				pH																										
				JETS																														
				DEPTH OUT (m)																														
				DEPTH IN (m)																														
				TOTAL DRILLED (m)																														
				TOTAL HRS RUN																														
				CUTTING STRUCTURE																														
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR																						
	D.P.	STANDS																																
	D.P.	SINGLES		HOLE CONDITION																														
KELLY DOWN				HOLE DRAG																														
TOTAL				TORQUE AT BOTTOM																														
WT. OF D.C.				FILL ON BOTTOM (m)																														
WT. OF STRING																																		
DRILLER SIGNATURE																			SPECIAL EVENT						SAFETY TOPIC				MEHL		MACP			
DAVE D CROWLEY																			TIME / DEPTH															

DAY

LICENCE NO. 2047		WELL NAME & NO. PARA ET AL CAMERON A-03		DAILY CHECKS (1.) Daily Walk Around Inspection (2.) Detailed Inspection - Weekly (Using Check List) (3.) H2S Signs Posted if Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed (7.) Visually Inspect BOPs- Flare Lines & Degasser Lines (1.) Rig Site Health & Safety Meeting (one/crew/month) (2.) CAODC Rig Safet Inspection Checklist (one/rig/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked		OPR R.M. BNDC		YEAR 2007		MONTH 2		DAY 8		LAST CASING TUBING OR LINER		O.D. (mm)		MIN I.D. (mm)		MASS (kg/m3)		MAKE		GRADE		NO. of JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)		SPUD DATE 2007/02/10		TIME 08:00	
OPERATOR PARAMOUNT RESOURCES LTD.				CONTRACTOR NAME PRECISION DRILLING, DIV OF PDC						RIG NO. 220																						RIG RELEASE		TIME			
SURFACE LOCATION A-03-60 DEG 10-117 DEG 30				UNIQUE ID 300A036010117300						RIG 69		BOILER																		WELL TYPE VERT.		RE-ENTRY NO					
SIGNATURE OF OPERATOR'S REPRESENTATIVE BRIAN NEIGUM				SIGNATURE OF CONTRACTOR'S RIG MANAGER DAVE CROWLEY						TEMPERATURE -31		DC/ DP		DC / DP SIZE		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH		OPERATOR'S AFE			
										CURRENT CONDITIONS OVERCAST		DC		165		136		DC		57		165		41/2 XH		22		F-800		EMSCO		228.8		KELLY BSHG			
										WIND DIRECTION S.W.		DP		102		43.2		HWDP		72		134		4FH		8		PZ-7		GARDNER DENVER		178		CONTRACTOR'S JOB NUM 78			
										ROAD CONDITION SLIPPERY		DP		102		23.38		SS/95		82		134		4FH		235						TOUR SHEET SERIAL NUM PREC220_20070208_1C					
																														VENDOR SOFTWARE VERSION EDR_3-2-4 ETS 2.2							

CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING	W.O.D.						NO.	TYPE	CREW VEHICLE				
TIME - HRS	MORN	8.0																									8.00	SCREENS CHANGED		NEW/ USED				
	DAY	12.0																									12.00	TOP		TOP				
	EVE																					4.0					4.00	MIDDLE		MIDDLE				
	TOTAL	20.00																				4.00					24.00	BOTTOM		BOTTOM				

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				DAY TOUR		MUD RECORD				METRES DRILLED				TIME LOG																	
	BIT	O.D.		BIT NO.				MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS												
				SIZE				TIME											0800	2000	12.00	1	TEAR OUT LOAD UP RIG MOVE TO NEW LOCATION SPOT MATTING AND SUB												
				IADC CODE				DENSITY (kg/m3)															SHUT DOWN TO DARK TO CONTINUE												
				MANUFACTURER				FUNNEL VISCOSITY																											
				TYPE				FLUID LOSS (cm3)																											
				SERIAL NO.				pH																											
				JETS				MUD MATERIALS ADDED	SOLIDS CONTROL				CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2																			
								PRODUCT	AMOUNT	UNIT	CENTRIFUGE					LINER SIZE	SPM	LINER SIZE	SPM																
				DEPTH OUT (m)				HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	REDUCED PUMP SPEED																							
				DEPTH IN (m)								@						@																	
				TOTAL DRILLED (m)				HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	DEVIATION SURVEYS				DEPTH (m)		DEVIATION		DIRECTION															
				TOTAL HRS RUN								BOILERS																							
				CUTTING STRUCTURE								1		2																					
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR																							
	D.P.	STANDS																																	
	D.P.	SINGLES		HOLE CONDITION								HRS RUN	0	HRS RUN																					
KELLY DOWN				HOLE DRAG																															
TOTAL				TORQUE AT BOTTOM																															
WT. OF D.C.				FILL ON BOTTOM (m)																															
WT. OF STRING																																			
DRILLER SIGNATURE				SPECIAL EVENT								SAFETY TOPIC				MEHL		MACP																	
JACK HUSTON				TIME / DEPTH																															

EVENING

LICENCE NO.		WELL NAME & NO.		DAILY CHECKS										OPR R.M. BN DC		YEAR		MONTH		DAY		LAST CASING TUBING OR LINER	O.D. (mm)		MIN I.D. (mm)		MASS (kg/m3)		MAKE		GRADE		NO. of JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)		SPUD DATE		2007/02/10		TIME		08:00	
2047		PARA ET AL CAMERON A-03		(1.) Daily Walk Around Inspection (2.) Detailed Inspection - Weekly (Using Check List) (3.) H2S Signs Posted if Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed										RIG NO.		220																																
OPERATOR				CONTRACTOR NAME										RIG		FUEL @ 08:00 HRS																																
PARAMOUNT RESOURCES LTD.				PRECISION DRILLING, DIV OF PDC										BOILER																																		
SURFACE LOCATION				UNIQUE ID										TEMPERATURE																																		
A-03-60 DEG 10-117 DEG 30				300A036010117300										DC / DP		DC / DP SIZE		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH														
SIGNATURE OF OPERATOR'S REPRESENTATIVE				SIGNATURE OF CONTRACTOR'S RIG MANAGER										WEATHER		-31		CURRENT CONDITIONS		DC		165		136		DC		57		165		41/2 XH		22		F-800		EMSCO		228.8								
BRIAN NEIGUM				DAVE CROWLEY										WIND DIRECTION		DC		102		43.2		HWDP		72		134		4FH		8		PZ-7		GARDNER DENVER		178												
														S.W. ROAD CONDITION		DP		102		23.38		SS/95		82		134		4FH		235																		
														SLIPPERY		DP		102		23.38		SS/95		82		134		4FH		235																		

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE		
TIME - HRS		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING	W.O.D.							NO.	TYPE	TYPE	CREW VEHICLE				
																													1	SWACO							
	MORN	8.0																										8.00	SCREENS CHANGED		NEW/ USED						
	DAY	12.0																										12.00	TOP		TOP						
	EVE																							4.0				4.00	MIDDLE		MIDDLE						
	TOTAL	20.00																						4.00				24.00	BOTTOM		BOTTOM						

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				EVENING TOUR		MUD RECORD				METRES DRILLED				TIME LOG																		
	BIT		O.D.		BIT NO.				MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS												
					SIZE				TIME											2000	2400	4.00	22	WAIT ON DAYLIGHT TO SET UP RIG												
					IADC CODE				DENSITY (kg/m3)																											
					MANUFACTURER				FUNNEL VISCOSITY																											
					TYPE				FLUID LOSS (cm3)																											
					SERIAL NO.				pH																											
					JETS																															
					DEPTH OUT (m)																															
					DEPTH IN (m)																															
					TOTAL DRILLED (m)																															
					TOTAL HRS RUN																															
					CUTTING STRUCTURE																															
					TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR																							
	D.P.		STANDS																																	
	D.P.		SINGLES		HOLE CONDITION																															
KELLY DOWN					HOLE DRAG																															
TOTAL					TORQUE AT BOTTOM																															
WT. OF D.C.				FILL ON BOTTOM (m)																																
WT. OF STRING																																				
																									DRILLER SIGNATURE		SPECIAL EVENT				SAFETY TOPIC		MEHL		MACP	
																									DAVE CROWLEY		TIME / DEPTH									

DRILLING CREW PAYROLL DATA

WELL NAME & NO. PARA ET AL CAMERON A-03	YEAR 2007	MONTH 2	DAY 8	TOUR SHEET SERIAL NO. PREC220_20070208_1C
OPERATOR PARAMOUNT RESOURCES LTD.	CONTRACTOR PRECISION DRILLING, DIV OF PDC			RIG NO. 220
RIG MANAGER DAVE CROWLEY	PROVINCE N.W.T.	CAMP ☒ YES ☐ NO	RIG SAFETY DAYS 1595	
SURFACE LOCATION A-03-60 DEG 10-117 DEG 30	CONTRACTOR'S JOB NUM 78		OPERATOR'S AFE	

[illegible]

MORNING

[illegible]

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE	
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE			
TIME - HRS																													1	SWACO						
	MORN																						8.0					8.00	SCREENS CHANGED		NEW/USED					
	DAY	8.0																									8.00	38	TOP	TOP						
	EVE	8.0																									8.00	MIDDLE	MIDDLE							
	TOTAL	16.00																						8.00				24.00	38	BOTTOM	BOTTOM					

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				MORNING TOUR				MUD RECORD				METRES DRILLED					TIME LOG					
	BIT	O.D.		BIT NO.				MUD TYPE	WATER BASED ☐			OIL BASED ☐		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS			
				SIZE				TIME											0	800	8.00	22	WAIT ON DAYLIGHT TO SET UP RIG			
				IADC CODE				DENSITY (kg/m3)																		
				MANUFACTURER				FUNNEL VISCOSITY																		
				TYPE				FLUID LOSS (cm3)																		
								pH																		
				SERIAL NO.																						
				JETS				MUD MATERIALS ADDED			SOLIDS CONTROL				CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2								
								PRODUCT	AMOUNT	UNIT	CENTRIFUGE					LINER SIZE	SPM	LINER SIZE	SPM							
				DEPTH OUT (m)							HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	REDUCED PUMP SPEED											
				DEPTH IN (m)												@		@								
				TOTAL DRILLED (m)							HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	DEVIATION SURVEYS											
				TOTAL HRS RUN											DEPTH (m)	DEVIATION	DIRECTION									
				CUTTING STRUCTURE							BOILERS															
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR		1		2										
														HRS RUN	8	HRS RUN										
	D.P.	STANDS		HOLE CONDITION																						
	D.P.	SINGLES																								
KELLY DOWN				HOLE DRAG																						
TOTAL				TORQUE AT BOTTOM																						
WT. OF D.C.				FILL ON BOTTOM (m)																						
WT. OF STRING																										
DRILLER SIGNATURE															SPECIAL EVENT					SAFETY TOPIC			MEHL		MACP	
DAVE CROWLEY															TIME / DEPTH											

DAY

LICENCE NO. 2047		WELL NAME & NO. PARA ET AL CAMERON A-03		DAILY CHECKS (1.) Daily Walk Around Inspection (2.) Detailed Inspection - Weekly (Using Check List) (3.) H2S Signs Posted if Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed (7.) Visually Inspect BOPs- Flare Lines & Degasser Lines (1.) Rig Site Health & Safety Meeting (one/crew/month) (2.) CAODC Rig Safet Inspection Checklist (one/rig/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked										OPR R.M. BNDC		YEAR 2007		MONTH 2		DAY 9		LAST CASING TUBING OR LINER FUEL @ 08:00 HRS		O.D. (mm)		MIN I.D. (mm)		MASS (kg/m3)		MAKE		GRADE		NO. of JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)		SPUD DATE 2007/02/10		TIME 08:00	
OPERATOR PARAMOUNT RESOURCES LTD.				CONTRACTOR NAME PRECISION DRILLING, DIV OF PDC																														RIG RELEASE		TIME									
SURFACE LOCATION A-03-60 DEG 10-117 DEG 30				UNIQUE ID 300A036010117300																												WELL TYPE VERT.		RE-ENTRY NO											
SIGNATURE OF OPERATOR'S REPRESENTATIVE BRIAN NEIGUM				SIGNATURE OF CONTRACTOR'S RIG MANAGER DAVE CROWLEY																												OPERATOR'S AFE													
																																KELLY BSHG													
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																																VENDOR SOFTWARE VERSION EDR_3-2-4 ETS 2.2													

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)			RENTALS / SERVICES		MORN	DAY	EVE
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE			
TIME - HRS																													1	SWACO						
	MORN																						8.0					8.00	SCREENS CHANGED		NEW/USED					
	DAY	8.0																										8.00	TOP	TOP						
	EVE	8.0																										8.00	MIDDLE	MIDDLE						
	TOTAL	16.00																						8.00					24.00	BOTTOM	BOTTOM					

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				DAY TOUR		MUD RECORD				METRES DRILLED				TIME LOG																							
	BIT		O.D.	BIT NO.				MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS																		
				SIZE				TIME											800	1600	8.00	1	RIG UP-SPOT SUB,BUILDINGS,DERRICK, -RIG UP WATER ,STEAM AND ELECTRICAL																		
				IADC CODE				DENSITY (kg/m3)																																	
				MANUFACTURER				FUNNEL VISCOSITY																																	
				TYPE				FLUID LOSS (cm3)																																	
				SERIAL NO.				pH																																	
				JETS										MUD MATERIALS ADDED		SOLIDS CONTROL				CIRCULATION PRESSURE kPa		PUMP NO. 1		PUMP NO. 2																	
								PRODUCT		AMOUNT		UNIT		CENTRIFUGE				LINER SIZE		SPM		LINER SIZE		SPM																	
				DEPTH OUT (m)										HOURS RUN		INTAKE DENSITY (kg/m3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		REDUCED PUMP SPEED																			
				DEPTH IN (m)																		@		@																	
				TOTAL DRILLED (m)										HOURS RUN		INTAKE DENSITY (kg/m3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		DEVIATION SURVEYS																			
				TOTAL HRS RUN																		DEPTH (m)		DEVIATION		DIRECTION															
				CUTTING STRUCTURE																																					
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR	BOILERS																												
														1				2																							
	D.P.		STANDS											HRS RUN		0		HRS RUN																							
	D.P.		SINGLES																																						
KELLY DOWN				HOLE DRAG										BOILER pH				BOILER pH				DRILLER SIGNATURE				SPECIAL EVENT						SAFETY TOPIC		MEHL		MACP					
TOTAL				TORQUE AT BOTTOM										STACK TEMP				STACK TEMP				JACK HUSTON				TIME / DEPTH															
WT. OF D.C.				FILL ON BOTTOM (m)																																					
WT. OF STRING																																									

EVENING

[illegible]

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE		
TIME HRS																													1	SWACO					
	MORN																						8.0					8.00	SCREENS CHANGED	NEW/USED					
	DAY	8.0																										8.00	TOP	TOP					
	EVE	8.0																										8.00	MIDDLE	MIDDLE					
	TOTAL	16.00																						8.00					24.00	BOTTOM	BOTTOM				

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD								EVENING TOUR				MUD RECORD				METRES DRILLED						TIME LOG							
	BIT	O.D.		BIT NO.						MUD TYPE			WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS							
				SIZE						TIME												1600	1730	1.50	1	RIG UP -INSPECT DERRICK AND RAISE AT 1730 hrs.							
				IADC CODE						DENSITY (kg/m3)												1730	2330	6.00	1	RIG UP FLOOR,MUD TANKS, KELLY,PRE FAB'S							
				MANUFACTURER						FUNNEL VISCOSITY												2330	2400	0.50	1	RIG UP DIVERTER							
				TYPE						FLUID LOSS (cm3)																							
				SERIAL NO.						pH																							
				JETS						MUD MATERIALS ADDED			SOLIDS CONTROL				CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2													
										PRODUCT	AMOUNT	UNIT	CENTRIFUGE				LINER SIZE	SPM	LINER SIZE	SPM													
				DEPTH OUT (m)									HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	REDUCED PUMP SPEED																
				DEPTH IN (m)													@		@														
				TOTAL DRILLED (m)									HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	DEVIATION SURVEYS																
				TOTAL HRS RUN													DEPTH (m)	DEVIATION	DIRECTION														
				CUTTING STRUCTURE									BOILERS																				
				Ti	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/Hr	1				2																
	D.P.	STANDS											HRS RUN	8	HRS RUN																		
	D.P.	SINGLES		HOLE CONDITION																													
KELLY DOWN				HOLE DRAG																													
TOTAL				TORQUE AT BOTTOM																													
WT. OF D.C.				FILL ON BOTTOM (m)																													
WT. OF STRING																																	
DRILLER SIGNATURE																					SPECIAL EVENT									SAFETY TOPIC	MEHL	MACP	
DAVE D CROWLEY																					TIME / DEPTH												

MORNING

LICENCE NO. 2047		WELL NAME & NO. PARA ET AL CAMERON A-03		DAILY CHECKS (1.) Daily Walk Around Inspection (2.) Detailed Inspection - Weekly (Using Check List) (3.) H2S Signs Posted if Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed (7.) Visually Inspect BOPs- Flare Lines & Degasser Lines (1.) Rig Site Health & Safety Meeting (one/crew/month) (2.) CAODC Rig Safet Inspection Checklist (one/rig/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked		OPR R.M. BN DC BN DC BN DC BN DC BN DC WEATHER DC DC DC		YEAR 2007		MONTH 2		DAY 10		LAST CASING TUBING OR LINER		O.D. (mm)		MIN I.D. (mm)		MASS (kg/m3)		MAKE				GRADE		NO. of JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)											
OPERATOR						CONTRACTOR NAME				RIG NO. 220		FUEL @ 08:00 HRS				RIG		BOILER		TEMPERATURE		DC / DP		DC / DP SIZE		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER				STROKE LENGTH	
PARAMOUNT RESOURCES LTD.						PRECISION DRILLING, DIV OF PDC				50																																			
SURFACE LOCATION						UNIQUE ID																																							
A-03-60 DEG 10-117 DEG 30						300A036010117300																																							
SIGNATURE OF OPERATOR'S REPRESENTATIVE				SIGNATURE OF CONTRACTOR'S RIG MANAGER																																									
BRIAN NEIGUM				DAVE CROWLEY																																									

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE	
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE			
TIME - HRS																													1	SWACO						
	MORN	7.75						0.25																				8.00	SCREENS CHANGED	NEW/USED						
	DAY		6.5					0.25			0.75											0.25	0.25					8.00	TOP	TOP						
	EVE		6.5					0.25			1.25																	8.00	MIDDLE	MIDDLE						
	TOTAL	7.75	13.00						0.75			2.00											0.25	0.25					24.00	BOTTOM	BOTTOM					

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				MORNING TOUR		MUD RECORD				METRES DRILLED				TIME LOG																											
	BIT		O.D.		BIT NO.		1		MUD TYPE				WATER BASED				OIL BASED				FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS															
					SIZE		311		TIME																	0	745	7.75	1	FINISH DIVERTER MAKE UP BHA STRAP ID OD BHA															
					IADC CODE				DENSITY (kg/m3)																	745	800	0.25	7	RIG SERVICE FUNCTION HCR AND ANNULAR															
					MANUFACTURER		VAREL		FUNNEL VISCOSITY																																				
					TYPE		CHIGJMS		FLUID LOSS (cm3)																																				
					SERIAL NO.		237104		pH																																				
					JETS		3X 15.9																																						
					DEPTH OUT (m)				MUD MATERIALS ADDED				SOLIDS CONTROL				CIRCULATION PRESSURE kPa		PUMP NO. 1		PUMP NO. 2																								
					DEPTH IN (m)		13		PRODUCT		AMOUNT		UNIT		CENTRIFUGE				LINER SIZE		SPM		LINER SIZE		SPM																				
					TOTAL DRILLED (m)				SODA ASH		3		SX		HOURS RUN		INTAKE DENSITY (kg/m3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		REDUCED PUMP SPEED																						
					TOTAL HRS RUN				GEL		7		SX										@																						
					CUTTING STRUCTURE										HOURS RUN		INTAKE DENSITY (kg/m3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		DEVIATION SURVEYS																						
					TI		To		MDC		LOC		BRG		GAGE		ODC		REASON PULLED		TOTAL RUN m/HR		DEPTH (m)				DEVIATION		DIRECTION																
	D.P.		STANDS																															NOTES : FUNCTION TEST CROWN SAVER											
	D.P.		SINGLES																															VISUALLY INSPECT TONGS LINES BRAKES PINS LINKAGE AND ANCHOR											
	KELLY DOWN																																												
	TOTAL																																												
	WT. OF D.C.																																	SAFETY TOPIC		MEHL		MACP							
	WT. OF STRING																																												

MORNING

LICENCE NO.	WELL NAME & NO.	DAILY CHECKS		OPR	R.M.	YEAR	MONTH	DAY	LAST CASING TUBING OR LINER	O.D. (mm)	MIN I.D. (mm)	MASS (kg/m3)	MAKE	GRADE	NO. OF JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPUD DATE	2007/02/10	TIME	08:00					
2047	PARA ET AL CAMERON A-03	(1.) Daily Walk Around Inspection	BN	DC	RIG NO.	220				FUEL @ 08:00 HRS	219.1	205.7	35.7	IPSCO	J-55	33	436.34	.5	435.84	RIG RELEASE		TIME					
		(3.) H2S Signs Posted if Required	BN	DC	RIG	BOILER	155	TEMPERATURE			-32	CURRENT CONDITIONS	DC/ DP	DC / DP SIZE	MASS	GRADE	MINIMUM I.D.	T. JNT. O.D.	TYPE THREAD	NO. OF JOINTS	PUMP TYPE	PUMP MANUFACTURER	STROKE LENGTH	WELL TYPE	VERT.	RE-ENTRY	NO
		(4.) Well Licence & Stick Diagram Posted	BN	DC																							
		(5.) Flare Lines Staked	BN	DC																							
OPERATOR	CONTRACTOR NAME	(6.) BOP Drills Performed	BN	DC																							
PARAMOUNT RESOURCES LTD.	PRECISION DRILLING, DIV OF PDC	(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines	BN	DC																							
SURFACE LOCATION	UNIQUE ID	(1.) Rig Site Health & Safety Meeting (one/crew/month)																									
A-03-60 DEG 10-117 DEG 30	300A036010117300	(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)																									
SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S RIG MANAGER	(3.) Mast Inspection before Raising or Lowering																									
BRIAN NEIGUM	DAVE CROWLEY	(4.) Crown Saver Checked																									
		(5.) Motor Kills Checked																									

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)			RENTALS / SERVICES			MORN	DAY	EVE
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE				
TIME HRS																													1	SWACO							
	MORN		3.25			0.5	3.5	0.25			0.5																	8.00	SCREENS CHANGED	NEW/USED							
	DAY		3.5			0.25	3.0	0.25			1.0																8.00	TOP	TOP								
	EVE		0.25			1.0	2.25	0.25			0.25			3.75									0.25				8.00	MIDDLE	MIDDLE								
	TOTAL		7.00			1.75	8.75	0.75				1.75		3.75									0.25				24.00	BOTTOM	BOTTOM								
																												38									

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD						MORNING TOUR								MUD RECORD							METRES DRILLED					TIME LOG								
	BIT	O.D.		.32	BIT NO.	1A			2A			MUD TYPE				WATER BASED			OIL BASED			FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS							
	BIT SUB	222	1.1	SIZE	311			311			TIME	200			400		600			260	307	D	190	8	0	100	1.00	2	DRILL 260 TO 270									
2	D.C.	222	18.53	IADC CODE							DENSITY (kg/m ³)	1190			1180		1170								100	130	0.50	5	CIRCULATE HOLE CLEAN									
	X/O		.95	MANUFACTURER	VAREL			VAREL			FUNNEL VISCOSITY	39			37		39								130	145	0.25	10	DEVIATION SURVEY									
	X/O		.67	TYPE	CHIGJMS			GT1			FLUID LOSS (cm ³)														145	515	3.50	6	BIT TRIP TIGHT F/260 TO 150 WAY IN TIGHT F/13 TO 23									
16	D.C.	165	150.63	SERIAL NO.	237104			5069224			pH	8.5			8.5		8.5								515	530	0.25	7	RIG SERVICE FUNCTION ANNULAR 12 SEC TO CLOSE									
1	X/O	159	.69	JETS	3X	15.9		3X	12.7		MUD MATERIALS ADDED			SOLIDS CONTROL				CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2			530	700	1.50	2	DRILL F/270 TO 298										
8	H.W.D.P.		74.97	DEPTH OUT (m)	270						PRODUCT	AMOUNT	UNIT	CENTRIFUGE				LINER SIZE	SPM	LINER SIZE	SPM	700	715	0.25	10	DEVIATION SURVEY												
				DEPTH IN (m)	13			270			SAPP	1	SX	HOURS RUN	INTAKE DENSITY (kg/m ³)	OVER FLOW DENSITY	UNDER FLOW DENSITY	9300	152	100	152	100	715	800	0.75	2	DRILL F/ 298 TO 307											
				TOTAL DRILLED (m)	257.00			37			SAWDUST	8	SX					REDUCED PUMP SPEED																				
				TOTAL HRS RUN	14			2.25						8	1180	1165	1835	@		@																		
				CUTTING STRUCTURE									HOURS RUN	INTAKE DENSITY (kg/m ³)	OVER FLOW DENSITY	UNDER FLOW DENSITY	DEVIATION SURVEYS																					
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/Hr	BOILERS				DEPTH (m)	DEVIATION		DIRECTION																		
				5	5	WT	A	1			PR		1				2				260	.68									NOTES : FUNCTION TEST CROWN SAVER							
2	D.P.	STANDS	37.58	HOLE CONDITION									HRS RUN	8	HRS RUN						288	.68					VISUALLY INSPECT TONGS LINES BRAKES PINS LINKAGE AND ANCHOR											
1	D.P.	SINGLES	9.41	HOLE DRAG									BOILER pH	11	BOILER pH																							
KELLY DOWN			12.15	TORQUE AT BOTTOM									STACK TEMP	370	STACK TEMP						DRILLER SIGNATURE					SPECIAL EVENT				SAFETY TOPIC			MEHL	MACP				
TOTAL			307.00	FILL ON BOTTOM (m)																DAVE D CROWLEY					TIME / DEPTH							40						
WT. OF D.C.	20																																					
WT. OF STRING	26																																					

DAY

LICENCE NO.	WELL NAME & NO.	DAILY CHECKS						OPR R.M. BN DC	YEAR 2007	MONTH 2	DAY 11	LAST CASING TUBING OR LINER	O.D. (mm)	MIN I.D. (mm)	MASS (kg/m3)	MAKE	GRADE	NO. OF JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPUD DATE	2007/02/10	TIME	08:00	
2047	PARA ET AL CAMERON A-03	(1.) Daily Walk Around Inspection						BN DC	RIG NO.	220												RIG RELEASE		TIME		
		(3.) H2S Signs Posted if Required						BN DC	FUEL @ 08:00 HRS				219.1	205.7	35.7	IPSCO	J-55	33	436.34	.5	435.84					
OPERATOR	CONTRACTOR NAME	(4.) Well Licence & Stick Diagram Posted						BN DC	RIG													WELL TYPE	VERT.	RE-ENTRY	NO	
PARAMOUNT RESOURCES LTD.	PRECISION DRILLING, DIV OF PDC	(5.) Flare Lines Staked						BN DC	155	BOILER																
SURFACE LOCATION	UNIQUE ID	(6.) BOP Drills Performed						BN DC	TEMPERATURE																	
A-03-60 DEG 10-117 DEG 30	300A036010117300	(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines						BN DC	-32	CURRENT CONDITIONS	DC/ DP		DC / DP SIZE	MASS	GRADE	MINIMUM I.D.	T. JNT. O.D.	TYPE THREAD	NO. OF JOINTS	PUMP TYPE	PUMP MANUFACTURER	STROKE LENGTH	OPERATOR'S AFE			
SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S RIG MANAGER	(1.) Rig Site Health & Safety Meeting (one/crew/month)							OVERCAST	DC	165		136	DC	57	165	41/2 XH	22	F-800	EMSCO	228.8	KELLY BSHG		OP FUEL		
BRIAN NEIGUM	DAVE CROWLEY	(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)							WIND DIRECTION	DP	102	43.2	HWDP	72	134	4FH	8	PZ-7	GARDNER DENVER	178	CONTRACTOR'S JOB NUM	78				
		(4.) Crown Saver Checked							S.W. ROAD CONDITION	DP	102	23.38	SS/95	82	134	4FH	235				TOUR SHEET SERIAL NUM	PREC220_20070211_1C				
		(5.) Motor Kills Checked							SLIPPERY	DP	102	23.38	SS/95	82	134	4FH	235				VENDOR SOFTWARE VERSION	EDR_3-2-4 ETS 2.2				

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES			MORN	DAY	EVE	
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE				
TIME HRS																													1	SWACO							
	MORN		3.25			0.5	3.5	0.25			0.5																	8.00	SCREENS CHANGED		NEW/USED						
	DAY		3.5			0.25	3.0	0.25			1.0																	8.00	TOP	TOP							
	EVE		0.25			1.0	2.25	0.25			0.25			3.75									0.25					8.00	MIDDLE	MIDDLE							
	TOTAL		7.00			1.75	8.75	0.75				1.75		3.75									0.25					24.00	38	BOTTOM	BOTTOM						

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD			DAY TOUR		MUD RECORD				METRES DRILLED					TIME LOG									
	BIT	O.D.		.32	BIT NO.	2A		MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS				
	BIT SUB	222	1.1	SIZE	311		TIME		1200	1700		307	360	D	180	8	800	830	0.50	2	DRILL 307 TO 326						
2	D.C.	222	18.53	IADC CODE			DENSITY (kg/m3)		1160	1150							830	845	0.25	10	DEVIATION SURVEY AT 314						
	X/O		.95				FUNNEL VISCOSITY		33	68							845	930	0.75	2	DRILL 326 TO 354						
	X/O		.67	MANUFACTURER	VAREL		FLUID LOSS (cm3)										930	945	0.25	10	DEVIATION SURVEY AT 343						
16	D.C.	165	150.63	TYPE	GT1		pH		8.5	11							945	1030	0.75	2	DRILL 354 TO 382						
1	X/O	159	.69	SERIAL NO.	5069224												1030	1045	0.25	10	DEVIATION SURVEY AT 370						
8	H.W.D.P.		74.97				MUD MATERIALS ADDED			SOLIDS CONTROL			CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2		1045	1145	1.00	2	DRILL 382 TO 411					
				JETS	3X	12.7								CENTRIFUGE			LINER SIZE	SPM	LINER SIZE	SPM	1145	1200	0.25	10	DEVIATION SURVEY AT 398		
							PRODUCT	AMOUNT	UNIT					CAUSTIC	2	SX					HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	1200	1230	0.50
				DEPTH OUT (m)									REDUCED PUMP SPEED				1230	1245	0.25	5					CONDITION MUD & CIRCULATE		
				DEPTH IN (m)	270											@		@		1245	1300	0.25	7	RIG SERVICE			
				TOTAL DRILLED (m)	160											DEVIATION SURVEYS			1300	1600	3.00	6	WIPER TRIP- TIGHT FROM 220 TO 250 / REAM 270 TO 280 ON TRIP IN				
				TOTAL HRS RUN	7.0															1600							
				CUTTING STRUCTURE																							
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR															
9	D.P.	STANDS	169.59																								
	D.P.	SINGLES		HOLE CONDITION																							
KELLY DOWN			12.76	HOLE DRAG																							
TOTAL			430.21	TORQUE AT BOTTOM																							
WT. OF D.C.		20		FILL ON BOTTOM (m)																							
WT. OF STRING		32																									
													DRILLER SIGNATURE				SPECIAL EVENT				SAFETY TOPIC			MEHL	MACP		
													JACK HUSTON				TIME / DEPTH				WEEKLY GOALS			55			

EVENING

LICENCE NO.	WELL NAME & NO.	DAILY CHECKS OPR R.M. 2007 2 12 LAST CASING TUBING OR LINER 219.1 205.7 35.7 IPSCO O.D. (mm) MIN I.D. (mm) MASS (kg/m3) MAKE GRADE NO. of JOINTS TOTAL LENGTH KB TO CSG HEAD SET AT (m) (1.) Daily Walk Around Inspection (2.) Detailed Inspection - Weekly (Using Check List) (3.) H2S Signs Posted if Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed (7.) Visually Inspect BOPs- Flare Lines & Degasser Lines BN DC BN DC BN DC BN DC BN DC BN DC										SPUD DATE 2007/02/10 TIME 08:00																															
2047	PARA ET AL CAMERON A-03											RIG NO. 220											RIG RELEASE	TIME																			
OPERATOR		CONTRACTOR NAME										RIG BOILER																				WELL TYPE VERT.	RE-ENTRY NO										
PARAMOUNT RESOURCES LTD.		PRECISION DRILLING, DIV OF PDC										TEMPERATURE -29 CURRENT CONDITIONS OVERCAST WIND DIRECTION S.W. ROAD CONDITION SLIPPERY																															
SURFACE LOCATION		UNIQUE ID										DC / DP DC / DP SIZE MASS GRADE MINIMUM I.D. T. JNT. O.D. TYPE THREAD NO. of JOINTS PUMP TYPE PUMP MANUFACTURER STROKE LENGTH																															
A-03-60 DEG 10-117 DEG 30		300A036010117300										DC 165 136 DC 57 165 41/2 XH 22 F-800 EMSCO 228.8																															
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER										DP 102 43.2 HWDP 72 134 4FH 8 PZ-7 GARDNER DENVER 178																															
BRIAN NEIGUM		DAVE CROWLEY										DC 102 23.38 SS/95 82 134 4FH 235																															

CODE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)			RENTALS / SERVICES			MORN	DAY	EVE
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING	LAY OUT DIVER	WHEEL BOWL		BOP DRILL	DRILL OUT		NO. 1	TYPE	TYPE	CREW VEHICLE					
MORN					1.0							1.25	4.0								0.25	1.0	0.5				8.00	SCREENS CHANGED		NEW/ USED						
DAY														5.0	2.0								1.0				8.00	TOP		TOP						
EVE		1.0			0.25	2.5	0.25								3.25										0.25	0.5	8.00	MIDDLE		MIDDLE						
TOTAL		1.00			1.25	2.50	0.25					1.25	4.00	5.00	5.25						0.25	1.00	1.50		0.25	0.50	24.00	BOTTOM		BOTTOM						

NO.	DRILLING ASSEMBLY (AT END OF TOUR)	LENGTH	BIT RECORD								EVENING TOUR				MUD RECORD				METRES DRILLED					TIME LOG													
	BIT	O.D.	.28	BIT NO.		1				MUD TYPE				WATER BASED				OIL BASED				FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS						
	TORQUE SUB	160	1.97	SIZE		200				TIME												436	457	D	80	5	1600	1900	3.00	15	TEST B.O.P.- TEST UPPER AND LOWER KELLY VALVES, DO ACCUMULATOR FUNCTION						
	D.C.	161	9.38	IADC CODE						DENSITY (kg/m3)																					TEST,TEST ALL MANIFOLD VALVES AND LINES 1500 AND 10500 KPA FOR 15 MIN'S						
	STAB	191	1.61	MANUFACTURER		VAREL				FUNNEL VISCOSITY																	1900	2130	2.50	6	TRIPS MAKE UP BHA RIH						
11	D.C.	163	103.72	TYPE		MKS55				FLUID LOSS (cm3)																	2130	2145	0.25	25	BOP DRILL N MOTOR KILLS 90 SECS TO SECURE WELL						
	JAR	159	4.95	SERIAL NO.		2722				pH																	2145	2215	0.50	26	DRILL OUT FLOAT TAGED AT 430.6M SHOE AT 436						
4	D.C.	163	37.53			7 X		10.3																			2215	2300	0.75	2	DRILL F/436 TO 447						
	X/O	159	.69	JETS																							2300	2315	0.25	5	CIRCULATE HOLE CLEAN						
8	H.W.D.P.	101	74.97							PRODUCT		AMOUNT		UNIT													2315	2330	0.25	15	LEAK OFF TEST						
				DEPTH OUT (m)																							2330	2345	0.25	2	DRILL F/447 TO 457						
				DEPTH IN (m)		436																					2345	0000	0.25	7	RIG SERVICE FUNCTION ANNULAR 12 SECS TO CLOSE PIPES 3 SECS TO CLOSE						
				TOTAL DRILLED (m)		21																															
				TOTAL HRS RUN		1																															
				CUTTING STRUCTURE																																	
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR																									
11	D.P.	STANDS	207.24																																		
	D.P.	SINGLES	12.54	HOLE CONDITION																																	
KELLY DOWN				HOLE DRAG																																	
TOTAL			457.00	TORQUE AT BOTTOM																																	
WT. OF D.C.			22	FILL ON BOTTOM (m)																																	
WT. OF STRING			30																																		

DRILLER SIGNATURE

DAVE D CROWLEY

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

BOP DRILL

MEHL

30

MACP

3563

MORNING

[illegible]

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES			MORN	DAY	EVE		
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE					
TIME HRS																													1	SWACO								
	MORN		7.5					0.25			0.25																	8.00	SCREENS CHANGED		NEW/USED							
	DAY		5.75			0.25	1.25	0.25			0.25												0.25					8.00	TOP	TOP								
	EVE					3.25	4.25	0.25															0.25					8.00	MIDDLE	MIDDLE								
	TOTAL		13.25			3.50	5.50	0.75				0.50											0.25	0.25				24.00	BOTTOM	BOTTOM								

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD						MORNING TOUR	MUD RECORD				METRES DRILLED					TIME LOG														
	BIT	O.D.	.28	BIT NO.	1						MUD TYPE				WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS						
	TORQUE SUB	160	1.97	SIZE	200						TIME										457	626	D	80	6	0	245	2.75	2	DRILL F/457 TO 541				
	D.C.	161	9.38	IADC CODE							DENSITY (kg/m³)															245	300	0.25	10	DEVIATION SURVEY				
	STAB	191	1.61	MANUFACTURER	VAREL						FUNNEL VISCOSITY															300	315	0.25	7	RIG SERVICE FUNCTION TEST ANNULAR 12 SECS TO CLOSE				
	SHOCK SUB	161	2.12	TYPE	MKSS55						FLUID LOSS (cm³)															315	800	4.75	2	DRILL F/541 TO 626 WE STARTED TO LOSE CIRCULATION AT 553MKB				
11	D.C.	163	103.72	SERIAL NO.	2722						pH																							
	JAR	159	4.95	JETS	7 X	10.3				MUD MATERIALS ADDED			SOLIDS CONTROL				CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2														
4	D.C.	163	37.53																															
	X/O	159	.69							PRODUCT			AMOUNT	UNIT	CENTRIFUGE				3500	152	105	152		REDUCED PUMP SPEED										
8	H.W.D.P.	101	74.97	DEPTH OUT (m)						HOURS RUN	INTAKE DENSITY (kg/m³)	OVER FLOW DENSITY	UNDER FLOW DENSITY																					
				DEPTH IN (m)			436																											
				TOTAL DRILLED (m)			190																											
				TOTAL HRS RUN			8.5																											
				CUTTING STRUCTURE																														
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/Hr				BOILERS				531	.26			NOTES : FUNCTION TEST CROWN SAVER										
													1			2			VISUALLY INSPECT TONGS LINES BRAKES PINS LINKAGE AND ANCHOR															
20	D.P.	STANDS	376.42	HOLE CONDITION													HRS RUN	8	HRS RUN															
	D.P.	SINGLES	12.36	HOLE DRAG													BOILER pH	11	BOILER pH															
KELLY DOWN				TORQUE AT BOTTOM													STACK TEMP	370	STACK TEMP		DRILLER SIGNATURE				SPECIAL EVENT				SAFETY TOPIC		MEHL	MACP		
TOTAL			626.00	FILL ON BOTTOM (m)													DAVE D CROWLEY				TIME / DEPTH						CONNECTIONS		37	3563				
WT. OF D.C.	22																																	
WT. OF STRING	32																																	

EVENING

[illegible][illegible]

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				EVENING TOUR				MUD RECORD				METRES DRILLED					TIME LOG								
	BIT	O.D.	.28	BIT NO.	1			MUD TYPE		WATER BASED	☐	OIL BASED	☐	FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS						
	TORQUE SUB	160	1.97	SIZE	200			TIME											1600	1730	1.50	6	POOH-FLOW CHECK OUT OF HOLE						
	D.C.	161	9.38	IADC CODE				DENSITY (kg/m3)											1730	1745	0.25	7	RIG SERVICE FUNCTION BLIND RAMS 4 SEC TO CLOSE						
	STAB	191	1.61	MANUFACTURER	VAREL			FUNNEL VISCOSITY											1745	2030	2.75	6	RIH OPEN ENDED-PICK UP SINGLES						
	SHOCK SUB	161	2.12	TYPE	MKS55			FLUID LOSS (cm3)											2030	2345	3.25	5	CICULATE AND WAIT ON CEMENETERS THEY WHERE SHORT RAS CEMENT FOR MY ORDER						
11	D.C.	163	103.72	SERIAL NO.	2722			pH											2345	0000	0.25	21	SAFETY MEETING WITH CEMENTERS						
4	D.C.	163	37.53	JETS	7 X	10.3		MUD MATERIALS ADDED			SOLIDS CONTROL			CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2												
	X/O	159	.69								CENTRIFUGE				LINER SIZE	SPM	LINER SIZE	SPM											
8	H.W.D.P.	101	74.97								PRODUCT	AMOUNT	UNIT																
				DEPTH OUT (m)	730								HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	796	152	69	152									
				DEPTH IN (m)	436												REDUCED PUMP SPEED												
				TOTAL DRILLED (m)	294.00												796	@	69	@									
				TOTAL HRS RUN	14.25								HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	DEVIATION SURVEYS												
				CUTTING STRUCTURE													DEPTH (m)	DEVIATION	DIRECTION										
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR	BOILERS																
													1	2															
25	D.P.	STANDS	470.71	HOLE CONDITION									HRS RUN	8	HRS RUN														
1	D.P.	SINGLES	9.38	HOLE DRAG									BOILER pH	11	BOILER pH		DRILLER SIGNATURE					SPECIAL EVENT			SAFETY TOPIC	MEHL	MACP		
KELLY DOWN			12.76	TORQUE AT BOTTOM									STACK TEMP	370	STACK TEMP		DAVE D CROWLEY					TIME / DEPTH					NEW HANDS	23	3563
TOTAL			730.07	FILL ON BOTTOM (m)																									
WT. OF D.C.		22																											
WT. OF STRING		35																											

MORNING

[illegible]

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE	
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING	CEMENT PLUG #							NO.	TYPE	TYPE	CREW VEHICLE			
TIME HRS																													1	SWACO						
	MORN					3.0	2.5	0.25										2.25										8.00	SCREENS CHANGED		NEW/USED					
	DAY						3.75	0.25		0.75															3.25			8.00	38	TOP	TOP					
	EVE					3.75	3.5											0.25					0.5				8.00	MIDDLE	MIDDLE							
	TOTAL					6.75	9.75	0.50		0.75								2.50					0.50		3.25			24.00	38	BOTTOM	BOTTOM					

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				MORNING TOUR				MUD RECORD				METRES DRILLED					TIME LOG						
	BIT	O.D.		BIT NO.	1				MUD TYPE				WATER BASED	☐	OIL BASED	☐	FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS	
				SIZE	200				TIME													0	0045	0.75	17	CEMENT LCM PLUG #1 77 SINGLES IN HOLE PUMP 7 TONNES RAS	
				IADC CODE					DENSITY (kg/m3)													0045	130	0.75	6	TRIPS PULL 13 STANDS	
				MANUFACTURER	VAREL				FUNNEL VISCOSITY													130	245	1.25	5	CIRCULATE 51 SINGLES IN HOLE	
				TYPE	MKS55				FLUID LOSS (cm3)													245	300	0.25	7	RIG SERVICE FUNCTION ANNULAR 12 SEC TO CLOSE	
				SERIAL NO.	2722				pH													300	315	0.25	6	RIH FEEL FOR PLUG TAGED AT 604M	
				JETS	7 X	10.3			MUD MATERIALS ADDED		SOLIDS CONTROL		CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2		445	515	0.50	6	PULL 7 STANDS					
				DEPTH OUT (m)	730				PRODUCT		AMOUNT	UNIT	CENTRIFUGE		423	152	69	152		515	700	1.75	5	CIRCULATE 50 SINGLES IN HOLE			
				DEPTH IN (m)	436							HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY										UNDER FLOW DENSITY	REDUCED PUMP SPEED		700
				TOTAL DRILLED (m)	294.00																						
				TOTAL HRS RUN	14.25																						
				CUTTING STRUCTURE																							
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR															
				D.P.	STANDS																						
51				D.P.	SINGLES			480	HOLE CONDITION																		
	KELLY DOWN				HOLE DRAG																						
	TOTAL			480.00	TORQUE AT BOTTOM																						
	WT. OF D.C.		22	FILL ON BOTTOM (m)																							
	WT. OF STRING		35																								
	DRILLER SIGNATURE			SPECIAL EVENT						SAFETY TOPIC		MEHL		MACP													
	DAVE D CROWLEY			TIME / DEPTH						CEMENTING				3563													

DAY

[illegible]

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE	
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING	CEMENT PLUG #								NO.	TYPE	TYPE	CREW VEHICLE			
TIME HRS																													1	SWACO						
	MORN				3.0	2.5	0.25										2.25											8.00	SCREENS CHANGED	NEW/USED						
	DAY					3.75	0.25		0.75															3.25				8.00	38	TOP	TOP					
	EVE				3.75	3.5											0.25					0.5					8.00	MIDDLE	MIDDLE							
	TOTAL					6.75	9.75	0.50		0.75							2.50					0.50		3.25				24.00	38	BOTTOM	BOTTOM					

[illegible]

EVENING

[illegible]

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE		
	RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING	CEMENT PLUG #								NO.	TYPE	TYPE	CREW VEHICLE				
TIME HRS	MORN				3.0	2.5	0.25										2.25											8.00	1	SWACO							
	DAY					3.75	0.25		0.75																3.25				8.00	SCREENS CHANGED	NEW/USED						
	EVE				3.75	3.5											0.25					0.5						8.00	TOP	TOP							
	TOTAL				6.75	9.75	0.50		0.75								2.50					0.50			3.25				24.00	MIDDLE	MIDDLE						
																														BOTTOM	BOTTOM						

[illegible]

MORNING

LICENCE NO.	WELL NAME & NO.			DAILY CHECKS		OPR	R.M.	YEAR		MONTH		DAY		LAST CASING TUBING OR LINER	O.D. (mm)	MIN I.D. (mm)	MASS (kg/m3)	MAKE			GRADE	NO. OF JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPUD DATE	2007/02/10	TIME	08:00	
2047	PARA ET AL CAMERON A-03			(1.) Daily Walk Around Inspection		BN	DC	RIG NO.		220									IPSCO			J-55	33	436.34	.5	435.84	RIG RELEASE		TIME	
				(3.) H2S Signs Posted if Required		BN	DC	FUEL @ 08:00 HRS																			VERT.		RE-ENTRY	NO
				(4.) Well Licence & Stick Diagram Posted		BN	DC	RIG		BOILER																				
				(5.) Flare Lines Staked		BN	DC	182																						
OPERATOR	CONTRACTOR NAME						BN	DC	TEMPERATURE																OPERATOR'S AFE					
PARAMOUNT RESOURCES LTD.		PRECISION DRILLING, DIV OF PDC						BN	DC	-17		DC/ DP	DC / DP SIZE	MASS	GRADE	MINIMUM I.D.	T. JNT. O.D.	TYPE THREAD	NO. OF JOINTS	PUMP TYPE	PUMP MANUFACTURER		STROKE LENGTH	KELLY BSHG			OP FUEL			
SURFACE LOCATION		UNIQUE ID						BN	DC	CURRENT CONDITIONS														CONTRACTOR'S JOB NUM	78					
A-03-60 DEG 10-117 DEG 30		300A036010117300								OVERCAST		DC	165	136	DC	57	165	41/2 XH	22	F-800	EMSCO		228.8	TOUR SHEET SERIAL NUM		PREC220_20070215_1E				
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER								WIND DIRECTION														VENDOR SOFTWARE VERSION		EDR_3-2-4 ETS 2.2				
BRIAN NEIGUM		DAVE CROWLEY						DC		S.W. ROAD CONDITION		DP	102	43.2	HWDP	72	134	4FH	8	PZ-7	GARDNER DENVER		178							
										SLIPPERY		DP	102	23.38	SS/95	82	134	4FH	235											

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE		
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE				
TIME HRS																													1	SWACO							
	MORN					1.25	4.25	0.25										0.25						2.0					8.00	SCREENS CHANGED		NEW/USED					
	DAY		3.0					0.25			0.25													4.5					8.00	38	TOP	TOP					
	EVE		7.25					0.25			0.5																	8.00		MIDDLE	MIDDLE						
	TOTAL		10.25			1.25	4.25	0.75			0.75							0.25						6.50					24.00	38	BOTTOM	BOTTOM					

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD						MORNING TOUR						MUD RECORD						METRES DRILLED						TIME LOG						
	BIT	O.D.		.28	BIT NO.	1RR						MUD TYPE				WATER BASED		☐	OIL BASED		☐	FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS			
	TORQUE SUB	160	1.97	SIZE	200						TIME															0	0015	0.25	17	PLUG BACK FINISH PLUG #3 4 TONNE OF RAS-II +1% QSR				
1	D.C.	161	9.38	IADC CODE							DENSITY (kg/m3)															0015	0045	0.50	6	TRIPS PULL BACK 8 STANDS				
	STAB	191	1.61	MANUFACTURER	VAREL						FUNNEL VISCOSITY															0045	200	1.25	5	CIRCULATE 49 SINGLES IN HOLE				
	SHOCK SUB	161	2.12	TYPE	MKS55						FLUID LOSS (cm3)															200	215	0.25	6	RIH TAG CEMENT AT 525M				
11	D.C.	161	103.72	SERIAL NO.	2722						pH															215	345	1.50	6	LAY OUT DRILL PIPE				
	JAR	163	4.95	JETS	7X	10.3										CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2		400	600	2.00	6	MAKE UP BHA AND RIH									
4	D.C.	159	37.53	DEPTH OUT (m)							PRODUCT	AMOUNT	UNIT	CENTRIFUGE			LINER SIZE	SPM	LINER SIZE	SPM	600	800	2.00	22	DRILL OUT CEMENT F/ 525 TO 570									
	X/O	163	.69	DEPTH IN (m)	730						HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	406	152	69	152																
8	H.W.D.P.	101	74.97	TOTAL DRILLED (m)													REDUCED PUMP SPEED																	
				TOTAL HRS RUN													406	@	69	@														
				CUTTING STRUCTURE													DEVIATION SURVEYS																	
				TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/Hr													DEPTH (m) DEVIATION DIRECTION																	
																	BOILERS																	
																	1 2																	
	D.P. STANDS																HRS RUN	8	HRS RUN															
	D.P. SINGLES			HOLE CONDITION													BOILER pH	11	BOILER pH			DRILLER SIGNATURE				SPECIAL EVENT			SAFETY TOPIC		MEHL	MACP		
KELLY DOWN				HOLE DRAG																	DAVE D CROWLEY				TIME / DEPTH					CEMENTING		34	3563	
TOTAL			237.22	TORQUE AT BOTTOM																														
WT. OF D.C.				FILL ON BOTTOM (m)																														
WT. OF STRING																																		

DAY

LICENCE NO.	WELL NAME & NO.	DAILY CHECKS										OPR	R.M.	YEAR	MONTH	DAY	LAST CASING TUBING OR LINER	O.D. (mm)	MIN I.D. (mm)	MASS (kg/m3)	MAKE	GRADE	NO. of JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPUD DATE	2007/02/10	TIME	08:00
2047	PARA ET AL CAMERON A-03	(1.) Daily Walk Around Inspection	BN	DC	RIG NO.	220	FUEL @ 08:00 HRS	219.1	205.7	35.7	IPSCO	J-55	33	436.34	.5	435.84		RIG RELEASE		TIME										
OPERATOR	CONTRACTOR NAME	(3.) H2S Signs Posted if Required	BN	DC	RIG		BOILER											WELL TYPE	VERT.	RE-ENTRY	NO									
PARAMOUNT RESOURCES LTD.	PRECISION DRILLING, DIV OF PDC	(4.) Well Licence & Stick Diagram Posted	BN	DC	TEMPERATURE													OPERATOR'S AFE												
SURFACE LOCATION	UNIQUE ID	(5.) Flare Lines Staked	BN	DC	-17	DC/ DP	DC / DP SIZE	MASS	GRADE	MINIMUM I.D.	T. JNT. O.D.	TYPE THREAD	NO. of JOINTS	PUMP TYPE	PUMP MANUFACTURER	STROKE LENGTH		KELLY BSHG		OP FUEL										
A-03-60 DEG 10-117 DEG 30	300A036010117300	(6.) BOP Drills Performed			CURRENT CONDITIONS												CONTRACTOR'S JOB NUM	78												
SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S RIG MANAGER	(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines			OVERCAST	DC	165	136	DC	57	165	41/2 XH	22	F-800	EMSCO	228.8	TOUR SHEET SERIAL NUM	PREC220_20070215_1E												
BRIAN NEIGUM	DAVE CROWLEY	(1.) Rig Site Health & Safety Meeting (one/crew/month)			WIND DIRECTION	DC	165	136	DC	57	165	41/2 XH	22	F-800	EMSCO	228.8	VENDOR SOFTWARE VERSION	EDR_3-2-4 ETS 2.2												
		(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)			S.W.	DP	102	43.2	HWDP	72	134	4FH	8	PZ-7	GARDNER DENVER	178														
		(3.) Mast Inspection before Raising or Lowering			ROAD CONDITION	DP	102	23.38	SS/95	82	134	4FH	235																	
		(4.) Crown Saver Checked			SLIPPERY	DP	102	23.38	SS/95	82	134	4FH	235																	
		(5.) Motor Kills Checked																												

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE		
TIME - HRS		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE				
																													1	SWACO							
	MORN					1.25	4.25	0.25										0.25						2.0					8.00	SCREENS CHANGED		NEW/ USED					
	DAY			3.0					0.25			0.25												4.5					8.00	TOP		TOP					
	EVE			7.25					0.25			0.5																	8.00	MIDDLE		MIDDLE					
	TOTAL			10.25			1.25	4.25	0.75			0.75							0.25						6.50					24.00	BOTTOM		BOTTOM				

NO.	DRILLING ASSEMBLY (AT END OF TOUR)	LENGTH	BIT RECORD					DAY TOUR		MUD RECORD				METRES DRILLED				TIME LOG														
	BIT	O.D.	.28	BIT NO.	1RR		MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS										
	TORQUE SUB	160	1.97	SIZE	200		TIME					730	834	D	95	6	800	1230	4.50	22	DRILL OUT CEMENT 570 TO 730 MKB											
1	D.C.	161	9.38	IADC CODE			DENSITY (kg/m3)										1230	1300	0.50	2	DRILL 730 to 749											
	STAB	191	1.61	MANUFACTURER	VAREL		FUNNEL VISCOSITY										1300	1315	0.25	10	DEVIATION SURVEY AT 736											
	SHOCK SUB	161	2.12				FLUID LOSS (cm3)										1315	1330	0.25	7	RIG SERVICE- FUNCTION ANNULAR 12 SECS. TO CLOSE											
11	D.C.	161	103.72	TYPE	MKS55		pH										1330	1600	2.50	2	DRILL 749 to 834											
	JAR	163	4.95	SERIAL NO.	2722																											
4	D.C.	159	37.53		7X	10.3		MUD MATERIALS ADDED			SOLIDS CONTROL			CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2															
	X/O	163	.69	JETS				PRODUCT	AMOUNT	UNIT																						
8	H.W.D.P.	101	74.97																													
				DEPTH OUT (m)			GEL	35	SX	HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	5100	152	105	152															
				DEPTH IN (m)	730		CAUSTIC	1	SX					REDUCED PUMP SPEED																		
				TOTAL DRILLED (m)	104		SODA ASH	2	SX					1640	@	66	@															
				TOTAL HRS RUN	3.0		ENVIROFLOC	4	SX	HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	DEVIATION SURVEYS																		
				CUTTING STRUCTURE			ALKAPAM 1103D	1	SX					DEPTH (m)	DEVIATION		DIRECTION															
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR		736	.60																	
31	D.P.	STANDS	584.13																													
	D.P.	SINGLES	12.76	HOLE CONDITION																												
KELLY DOWN				HOLE DRAG																												
TOTAL			834.11	TORQUE AT BOTTOM																												
WT. OF D.C.			22	FILL ON BOTTOM (m)																												
WT. OF STRING			36																													
														DRILLER SIGNATURE				SPECIAL EVENT					SAFETY TOPIC				MEHL	MACP				
														JACK HUSTON				TIME / DEPTH					CONNECTIONS				40	3563				

EVENING

LICENCE NO.	WELL NAME & NO.	DAILY CHECKS										YEAR	MONTH	DAY	LAST CASING TUBING OR LINER	O.D. (mm)	MIN I.D. (mm)	MASS (kg/m3)	MAKE	GRADE	NO. OF JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPUD DATE	2007/02/10	TIME	08:00	
2047	PARA ET AL CAMERON A-03	(1.) Daily Walk Around Inspection										RIG NO.	220	FUEL @ 08:00 HRS		219.1	205.7	35.7	IPSCO	J-55	33	436.34	.5	435.84	RIG RELEASE		TIME		
		(2.) Detailed Inspection - Weekly (Using Check List)																											
OPERATOR		CONTRACTOR NAME										RIG	BOILER																
PARAMOUNT RESOURCES LTD.		PRECISION DRILLING, DIV OF PDC										182																	
SURFACE LOCATION		UNIQUE ID										TEMPERATURE																	
A-03-60 DEG 10-117 DEG 30		300A036010117300										-17				DC/ DP	DC / DP SIZE	MASS	GRADE	MINIMUM I.D.	T. JNT. O.D.	TYPE THREAD	NO. OF JOINTS	PUMP TYPE	PUMP MANUFACTURER		STROKE LENGTH		
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER										CURRENT CONDITIONS		DC	165	136	DC	57	165	41/2 XH	22	F-800	EMSCO		228.8	CONTRACTOR'S JOB NUM	78		
BRIAN NEIGUM		DAVE CROWLEY										OVERCAST		DC															
												WIND DIRECTION		DC															
												S.W.		DP	102	43.2	HWDP	72	134	4FH	8	PZ-7	GARDNER DENVER		178	TOUR SHEET SERIAL NUM	PREC220_20070215_1E		
												ROAD CONDITION		DP															
												SLIPPERY		DP	102	23.38	SS/95	82	134	4FH	235								

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE	
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE			
TIME HRS																													1	SWACO						
	MORN					1.25	4.25	0.25										0.25						2.0				8.00	SCREENS CHANGED		NEW/USED					
	DAY		3.0					0.25			0.25													4.5				8.00	TOP	TOP						
	EVE		7.25					0.25			0.5																8.00	MIDDLE	MIDDLE							
	TOTAL		10.25				1.25	4.25	0.75			0.75						0.25						6.50				24.00	BOTTOM	BOTTOM						
																												38								

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD			EVENING TOUR			MUD RECORD			METRES DRILLED					TIME LOG									
	BIT	O.D.		.28	BIT NO.	1RR		MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS				
		TORQUE SUB	160	1.97	SIZE	200							834	975	D	95	7	1600	1715	1.25	2	DRILL 834 TO 852					
1		D.C.	161	9.38	IADC CODE													1715	1730	0.25	10	DEVIATION SURVEY AT 839					
		STAB	191	1.61														1730	2200	4.50	2	DRILL 852 TO 947					
		SHOCK SUB	161	2.12	MANUFACTURER	VAREL												2200	2215	0.25	10	DEVIATION SURVEY					
11		D.C.	161	103.72	TYPE	MKS55												2215	2230	0.25	7	RIG SERVICE FUNCTION TEST PIPES 3 SECS TO CLOSE					
		JAR	163	4.95	SERIAL NO.	2722												2230	0000	1.50	2	DRILL F/947 TO 975					
4		D.C.	159	37.53		7X	10.3						MUD MATERIALS ADDED		SOLIDS CONTROL		CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2							
		X/O	163	.69	JETS								PRODUCT		AMOUNT	UNIT		CENTRIFUGE		LINER SIZE	SPM	LINER SIZE	SPM				
8		H.W.D.P.	101	74.97																							
					DEPTH OUT (m)								HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	5424	152	105	152							
					DEPTH IN (m)	730												REDUCED PUMP SPEED									
					TOTAL DRILLED (m)	245												1720	@	66	@						
					TOTAL HRS RUN	10.25							HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	DEVIATION SURVEYS										
					CUTTING STRUCTURE													DEPTH (m)		DEVIATION		DIRECTION					
					TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR					839	.48								
																		937	.37								
38		D.P. STANDS	716.05		HOLE CONDITION									1		2							NOTES : FUNCTION CROWN SAVER				
1		D.P. SINGLES	9.42		HOLE DRAG									HRS RUN	8	HRS RUN						VISUAL INSPECT TONGS,LINES,ANCHORS,BRAKES,PINS,LINKAGE					
		KELLY DOWN	12.31		TORQUE AT BOTTOM									BOILER pH	11	BOILER pH											
		TOTAL	975.00		FILL ON BOTTOM (m)									STACK TEMP	370	STACK TEMP		DRILLER SIGNATURE			SPECIAL EVENT			SAFETY TOPIC		MEHL	MACP
		WT. OF D.C.	22															DAVE D CROWLEY			TIME / DEPTH			CONNECTIONS		49	3563
		WT. OF STRING	38																								

EVENING

LICENCE NO.	WELL NAME & NO.	DAILY CHECKS		OPR	R.M.	YEAR	MONTH	DAY	LAST CASING TUBING OR LINER	O.D. (mm)	MIN I.D. (mm)	MASS (kg/m3)	MAKE	GRADE	NO. of JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPUD DATE	2007/02/10	TIME	08:00
2047	PARA ET AL CAMERON A-03	(1.) Daily Walk Around Inspection	BN	DC	RIG NO.	220				219.1	205.7	35.7	IPSCO	J-55	33	436.34	.5	435.84	RIG RELEASE		TIME	
OPERATOR	CONTRACTOR NAME	(2.) Detailed Inspection - Weekly (Using Check List)	BN	DC	FUEL @ 08:00 HRS														WELL TYPE	VERT.	RE-ENTRY	NO
PARAMOUNT RESOURCES LTD.	PRECISION DRILLING, DIV OF PDC	(3.) H2S Signs Posted if Required	BN	DC	RIG		BOILER												OPERATOR'S AFE			
SURFACE LOCATION	UNIQUE ID	(4.) Well Licence & Stick Diagram Posted	BN	DC	173														KELLY BSHG		OP FUEL	
A-03-60 DEG 10-117 DEG 30	300A036010117300	(5.) Flare Lines Staked	BN	DC	TEMPERATURE		DC/ DP	DC / DP SIZE	MASS	GRADE	MINIMUM I.D.	T. JNT. O.D.	TYPE THREAD	NO. of JOINTS	PUMP TYPE	PUMP MANUFACTURER		STROKE LENGTH				
SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S RIG MANAGER	(6.) BOP Drills Performed	BN	DC	-26																	
BRIAN NEIGUM	DAVE CROWLEY	(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines	BN	DC	CURRENT CONDITIONS		DC	165	136	DC	57	165	41/2 XH	22	F-800	EMSCO		228.8				
		(1.) Rig Site Health & Safety Meeting (one/crew/month)			OVERCAST		DC	102	43.2	HWDP	72	134	4FH	8	PZ-7	GARDNER DENVER		178				
		(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)			WIND DIRECTION		DP	102	43.2	HWDP	72	134	4FH	8	PZ-7	GARDNER DENVER		178				
		(3.) Mast Inspection before Raising or Lowering			S.W. ROAD CONDITION		DP	102	23.38	SS/95	82	134	4FH	235								
		(4.) Crown Saver Checked			SLIPPERY		DP	102	23.38	SS/95	82	134	4FH	235								
		(5.) Motor Kills Checked																				

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)			RENTALS / SERVICES			MORN	DAY	EVE
TIME - HRS		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING															
	MORN		7.25					0.25			0.5																	8.00	NO. 1 SWACO	TYPE	CREW VEHICLE						
	DAY		5.25			1.25	1.0	0.25			0.25																8.00	SCREENS CHANGED	NEW/ USED								
	EVE		0.5	0.5		1.0	5.75	0.25																			8.00	TOP	TOP								
	TOTAL		13.00	0.50		2.25	6.75	0.75			0.75																24.00	MIDDLE	MIDDLE								
																												38	BOTTOM	BOTTOM							

NO.	DRILLING ASSEMBLY (AT END OF TOUR)	LENGTH	BIT RECORD				EVENING TOUR		MUD RECORD				METRES DRILLED				TIME LOG																
	BIT	O.D.	.28	BIT NO.	1RR		MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS											
	TORQUE SUB	160	1.97	SIZE	200		TIME						1265	1269	D	95	6	1600	1900	3.00	6	POOH - FLOW CHECK AT 639, AT 196, AND OUT OF HOLE-SURVEY TOOL FEATHER STUCK											
1	D.C.	161	9.38	IADC CODE			DENSITY (kg/m3)															IN JET											
	STAB	191	1.61	MANUFACTURER	VAREL		FUNNEL VISCOSITY											1900	1915	0.25	7	RIG SERVICE FUNCTION BLIND RAMS											
	SHOCK SUB	161	2.12				FLUID LOSS (cm3)											1915	2200	2.75	6	RIH											
11	D.C.	161	103.72	TYPE	MKS55		pH											2200	2230	0.50	3	WASH 2 SINGLES DOWN											
	JAR	163	4.95	SERIAL NO.	2722													2230	2300	0.50	2	DRILL F/ 1265 TO 1269											
4	D.C.	159	37.53		7X	10.3		MUD MATERIALS ADDED			SOLIDS CONTROL			CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2		2300	0000	1.00	5	TRY TO UNPLUG JET										
8	H.W.D.P.	101	74.97	JETS			PRODUCT	AMOUNT	UNIT	CENTRIFUGE				LINER SIZE	SPM	LINER SIZE	SPM																
										HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	8100	152	105	152																
				DEPTH OUT (m)										REDUCED PUMP SPEED																			
				DEPTH IN (m)	730									3343	@	62	@																
				TOTAL DRILLED (m)	539					HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	DEVIATION SURVEYS																			
				TOTAL HRS RUN	23.25									DEPTH (m)		DEVIATION		DIRECTION															
				CUTTING STRUCTURE										BOILERS																			
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR		1		2																	
54	D.P.	STANDS	1017.15											HRS RUN	8	HRS RUN																	
	D.P.	SINGLES	9.4	HOLE CONDITION																													
KELLY DOWN			5.23	HOLE DRAG																													
TOTAL			1269.00	TORQUE AT BOTTOM																													
WT. OF D.C.			22	FILL ON BOTTOM (m)																													
WT. OF STRING			46																														
														STACK TEMP	370	STACK TEMP		DRILLER SIGNATURE				SPECIAL EVENT					SAFETY TOPIC		MEHL	MACP			
																		DAVE D CROWLEY				TIME / DEPTH					TRIPPING			3392			

DAY

[illegible]

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES			MORN	DAY	EVE	
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE				
TIME HRS																													1	SWACO							
	MORN					0.5	7.25	0.25																				8.00	SCREENS CHANGED	NEW/USED							
	DAY		6.75			0.5	0.25	0.25			0.25																	8.00	TOP	TOP							
	EVE		0.5			0.5	6.0	0.25			0.75																	8.00	MIDDLE	MIDDLE							
	TOTAL		7.25			1.50	13.50	0.75			0.75	0.25																24.00	BOTTOM	BOTTOM							
																												105									

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD			DAY TOUR		MUD RECORD				METRES DRILLED					TIME LOG							
	BIT	O.D.		.28	BIT NO.	1RR		MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS		
	TORQUE SUB	160	1.97	SIZE	200		TIME		1000	1300	1700	1269	1376	D	95	8	800	815	0.25	6	RIH				
1	D.C.	161	9.38	IADC CODE			DENSITY (kg/m3)		1130	1130	1150						815	845	0.50	5	CIRC-PUMP WATER SWEEPS				
	STAB	191	1.61	MANUFACTURER	VAREL		FUNNEL VISCOSITY		41	47	45						845	1245	4.00	2	DRILL 1269 TO 1342				
	SHOCK SUB	161	2.12	TYPE	MKS55		FLUID LOSS (cm3)		20	12	10						1245	1300	0.25	10	DEVIATION SURVEY AT 1329				
11	D.C.	161	103.72	SERIAL NO.	2722		pH		10.5	10.5	10.5						1300	1315	0.25	7	RIG SERVICE- FUNCTION ANNULAR -12SECS. TO CLOSE				
	JAR	163	4.95	JETS	7X	10.3											1315	1600	2.75	2	DRILL 1342 TO 1376				
4	D.C.	159	37.53	DEPTH OUT (m)			MUD MATERIALS ADDED			SOLIDS CONTROL				CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2								
	X/O	163	.69	DEPTH IN (m)	730		PRODUCT	AMOUNT	UNIT	CENTRIFUGE					LINER SIZE	SPM	LINER SIZE	SPM							
8	H.W.D.P.	101	74.97	TOTAL DRILLED (m)	646		SAWDUST	30	SX	HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	10900	152	120	152								
				TOTAL HRS RUN	30		DRISPAC REG	2	SX					REDUCED PUMP SPEED											
				CUTTING STRUCTURE			HUMALITE	4	SX					3650	@	61	@								
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR	CAUSTIC	1	SX	HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	DEVIATION SURVEYS					
													DESCO	1	SX					DEPTH (m)	DEVIATION	DIRECTION			
													BARITE	20	SX					1329	.18				
														BOILERS											
														1		2									
60	D.P.	STANDS	1130.16											HRS RUN	8	HRS RUN									
	D.P.	SINGLES		HOLE CONDITION																					
KELLY DOWN			8.62	HOLE DRAG										BOILER pH	11	BOILER pH									
TOTAL			1376.00	TORQUE AT BOTTOM																					
WT. OF D.C.			22	FILL ON BOTTOM (m)										STACK TEMP	370	STACK TEMP									
WT. OF STRING			47																						
													DRILLER SIGNATURE					SPECIAL EVENT				SAFETY TOPIC		MEHL	MACP
													JACK HUSTON					TIME / DEPTH				WEEKLY GOALS		50	3008

EVENING

LICENCE NO.	WELL NAME & NO.	DAILY CHECKS		OPR	R.M.	YEAR	MONTH	DAY	LAST CASING TUBING OR LINER	O.D. (mm)	MIN I.D. (mm)	MASS (kg/m3)	MAKE	GRADE	NO. of JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPUD DATE	2007/02/10	TIME	08:00
2047	PARA ET AL CAMERON A-03	(1.) Daily Walk Around Inspection	BN	DC	RIG NO.	220				219.1	205.7	35.7	IPSCO	J-55	33	436.34	.5	435.84	RIG RELEASE		TIME	
OPERATOR	CONTRACTOR NAME	(2.) Detailed Inspection - Weekly (Using Check List)	BN	DC	FUEL @ 08:00 HRS														WELL TYPE	VERT.	RE-ENTRY	NO
PARAMOUNT RESOURCES LTD.	PRECISION DRILLING, DIV OF PDC	(3.) H2S Signs Posted if Required	BN	DC	RIG		BOILER												OPERATOR'S AFE			
SURFACE LOCATION	UNIQUE ID	(4.) Well Licence & Stick Diagram Posted	BN	DC	126														KELLY BSHG		OP FUEL	
A-03-60 DEG 10-117 DEG 30	300A036010117300	(5.) Flare Lines Staked			TEMPERATURE		DC/ DP	DC / DP SIZE	MASS	GRADE	MINIMUM I.D.	T. JNT. O.D.	TYPE THREAD	NO. of JOINTS	PUMP TYPE	PUMP MANUFACTURER		STROKE LENGTH	CONTRACTOR'S JOB NUM			78
SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S RIG MANAGER	(6.) BOP Drills Performed			-26				165	136	DC	57	165	41/2 XH	22	F-800	EMSCO	228.8	TOUR SHEET SERIAL NUM			PREC220_20070217_1E
BRIAN NEIGUM	DAVE CROWLEY	(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines			CURRENT CONDITIONS				102	43.2	HWDP	72	134	4FH	8	PZ-7	GARDNER DENVER	178	VENDOR SOFTWARE VERSION			EDR_3-2-4 ETS 2.2
		(1.) Rig Site Health & Safety Meeting (one/crew/month)			OVERCAST		DC															
		(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)			WIND DIRECTION		DP															
		(3.) Mast Inspection before Raising or Lowering			S.W. ROAD CONDITION		DP															
		(4.) Crown Saver Checked			SLIPPERY		DP		102	23.38	SS/95	82	134	4FH	235							
		(5.) Motor Kills Checked																				

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE	
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE			
TIME - HRS																													1	SWACO						
	MORN					0.5	7.25	0.25																				8.00	SCREENS CHANGED	NEW/ USED						
	DAY		6.75			0.5	0.25	0.25			0.25																	8.00	TOP	TOP						
	EVE		0.5			0.5	6.0	0.25			0.75																	8.00	MIDDLE	MIDDLE						
	TOTAL		7.25			1.50	13.50	0.75			0.75	0.25																24.00	BOTTOM	BOTTOM						

NO.	DRILLING ASSEMBLY (AT END OF TOUR)	LENGTH	BIT RECORD				EVENING TOUR		MUD RECORD				METRES DRILLED				TIME LOG													
	BIT	O.D.	.28	BIT NO.		1RR	2	MUD TYPE		WATER BASED			OIL BASED			FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS					
	TORQUE SUB	160	1.97	SIZE		200	200	TIME					1376	1380	D	95	8	1600	1630	0.50	2	DRILL 1376 TO 1380								
1	D.C.	161	9.38	IADC CODE				DENSITY (kg/m3)										1630	1700	0.50	5	CONDITION MUD & CIRCULATE								
	STAB	191	1.61	MANUFACTURER		VAREL	VAREL	FUNNEL VISCOSITY										1700	2030	3.50	6	POOH-FLOW CHECK AT 1365,AT 1288, AT 695,238,0								
	SHOCK SUB	161	2.12	TYPE		MKS55	MKS55	FLUID LOSS (cm3)										2030	2045	0.25	7	RIG SERVICE FUNCTION TEST BLIND RAMS 3 SECS TO CLOSE								
11	D.C.	161	103.72	SERIAL NO.		2722	3174	pH										2045	2200	1.25	6	RIH								
	JAR	163	4.95	JETS		7X	10.3	MUD MATERIALS ADDED		SOLIDS CONTROL				CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2		2200	2245	0.75	9	CUT OFF DRILLING LINE							
4	D.C.	159	37.53	DEPTH OUT (m)		1380		PRODUCT	AMOUNT	UNIT	CENTRIFUGE				152		152		2245	000	1.25	6	CONTINUE RIH							
8	H.W.D.P.	101	74.97	DEPTH IN (m)		730	1380				HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	REDUCED PUMP SPEED															
				TOTAL DRILLED (m)		650.00									@															
				TOTAL HRS RUN		30.5					HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	DEVIATION SURVEYS															
				CUTTING STRUCTURE											DEPTH (m)		DEVIATION		DIRECTION											
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR	BOILERS																	
				4		4	CT	A	X	1	LT	PP	21.3	1		2														
60	D.P.	STANDS	1130.16	HOLE CONDITION				HRS RUN	8	HRS RUN							NOTES : FUNCTION TEST CROWN SAVER													
	D.P.	SINGLES		HOLE DRAG				BOILER pH	11	BOILER pH			VISUALLY INSPECT TONGS LINES BRAKES PINS LINKAGE AND ANCHOR																	
KELLY DOWN			12.76	TORQUE AT BOTTOM				STACK TEMP	370	STACK TEMP			TRIP SHEET-CAL 6.84 ACT 7.21																	
TOTAL			1380.14	FILL ON BOTTOM (m)								DRILLER SIGNATURE				SPECIAL EVENT					SAFETY TOPIC		MEHL	MACP						
WT. OF D.C.		22							DAVE D CROWLEY				TIME / DEPTH					WEEKLY GOALS		40	3008									
WT. OF STRING		47																												

EVENING

LICENCE NO.	WELL NAME & NO.	DAILY CHECKS										OPR	R.M.	YEAR	MONTH	DAY	LAST CASING TUBING OR LINER	O.D. (mm)	MIN I.D. (mm)	MASS (kg/m3)	MAKE	GRADE	NO. of JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPUD DATE	2007/02/10	TIME	08:00		
2047	PARA ET AL CAMERON A-03	(1.) Daily Walk Around Inspection										BN	DC	RIG NO.	220																	
OPERATOR		CONTRACTOR NAME		(2.) Detailed Inspection - Weekly (Using Check List)										BN	DC	FUEL @ 08:00 HRS																
				(3.) H2S Signs Posted if Required										BN	DC	RIG			BOILER													
PARAMOUNT RESOURCES LTD.		PRECISION DRILLING, DIV OF PDC		(4.) Well Licence & Stick Diagram Posted										BN	DC	75																
				(5.) Flare Lines Staked										BN	DC	TEMPERATURE																
SURFACE LOCATION		UNIQUE ID		(6.) BOP Drills Performed										BN	DC																	
				(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines										BN	DC																	
A-03-60 DEG 10-117 DEG 30		300A036010117300		(1.) Rig Site Health & Safety Meeting (one/crew/month)																												
				(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)																												
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER		(3.) Mast Inspection before Raising or Lowering																												
				(4.) Crown Saver Checked																												
BRIAN NEIGUM		DAVE CROWLEY		(5.) Motor Kills Checked																												

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE		
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE				
TIME HRS																													1	SWACO							
	MORN		6.5			0.25	0.5	0.25			0.5																	8.00	SCREENS CHANGED		NEW/USED						
	DAY		7.5					0.25																0.25				8.00	TOP		TOP						
	EVE		5.25				1.75	0.25			0.5													0.25				8.00	MIDDLE		MIDDLE						
	TOTAL		19.25			0.25	2.25	0.75			1.00													0.50				24.00	BOTTOM		BOTTOM						
																												105									

NO.	DRILLING ASSEMBLY (AT END OF TOUR)	LENGTH	BIT RECORD					EVENING TOUR		MUD RECORD				METRES DRILLED					TIME LOG																
	BIT	O.D.	.28	BIT NO.	2		MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS													
	TORQUE SUB	160	1.97	SIZE	200		TIME					1521	1589	D	80	8	1600	2115	5.25	2	DRILL 1521 TO 1589														
1	D.C.	161	9.38	IADC CODE			DENSITY (kg/m3)											2115	2130	0.25	22	BOP DRILL 95 SECS TO SECURE WELL													
	STAB	191	1.61	MANUFACTURER	VAREL		FUNNEL VISCOSITY											2130	2145	0.25	7	RIG SERVICE FUNCTION TEST ANNULAR 12 SECS TO CLOSE													
	SHOCK SUB	161	2.12				FLUID LOSS (cm3)											2145	2215	0.50	10	DEVIATION SURVEY													
11	D.C.	161	103.72	TYPE	MKS55		pH											2215	2400	1.75	6	WIPER TRIP FLOW CHECK @1584 1506 1200													
	JAR	163	4.95	SERIAL NO.	3174																														
4	D.C.	159	37.53		7X	10.3		MUD MATERIALS ADDED			SOLIDS CONTROL			CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2																		
8	H.W.D.P.	101	74.97	JETS				PRODUCT	AMOUNT	UNIT		CENTRIFUGE				LINER SIZE	SPM	LINER SIZE	SPM																
					DEPTH OUT (m)	1589						HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	9000	152	110	152																
					DEPTH IN (m)	1380											REDUCED PUMP SPEED																		
					TOTAL DRILLED (m)	209.00											3610	@	60	@															
					TOTAL HRS RUN	19.25						HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY		DEVIATION SURVEYS																		
					CUTTING STRUCTURE												DEPTH (m)		DEVIATION		DIRECTION														
					TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR				BOILERS																		
																	1		2																
71	D.P.	STANDS	1337.85														HRS RUN	8	HRS RUN																
1	D.P.	SINGLES	9.39	HOLE CONDITION																															
KELLY DOWN			4.54	HOLE DRAG																															
TOTAL			1589.00	TORQUE AT BOTTOM																															
WT. OF D.C.			22	FILL ON BOTTOM (m)																															
WT. OF STRING			48																																
DRILLER SIGNATURE																		SPECIAL EVENT									SAFETY TOPIC		MEHL	MACP					
DAVE D CROWLEY																		TIME / DEPTH									TRIPPIN		54	3008					

MORNING

LICENCE NO.	WELL NAME & NO.							DAILY CHECKS							OPR R.M. BN DC	YEAR 2007	MONTH 2	DAY 19	LAST CASING TUBING OR LINER	O.D. (mm)	MIN I.D. (mm)	MASS (kg/m3)	MAKE	GRADE	NO. OF JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPUD DATE	2007/02/10	TIME	08:00
2047	PARA ET AL CAMERON A-03						(1.) Daily Walk Around Inspection	RIG NO.	220			FUEL @ 08:00 HRS	219.1	205.7	35.7	IPSCO	J-55	33		436.34	.5	435.84	RIG RELEASE		TIME							
OPERATOR	CONTRACTOR NAME						(3.) H2S Signs Posted if Required	RIG	BOILER														WELL TYPE	VERT.	RE-ENTRY	NO						
PARAMOUNT RESOURCES LTD.	PRECISION DRILLING, DIV OF PDC						(4.) Well Licence & Stick Diagram Posted	95															OPERATOR'S AFE									
SURFACE LOCATION	UNIQUE ID						(5.) Flare Lines Staked		TEMPERATURE														KELLY BSHG		OP FUEL							
A-03-60 DEG 10-117 DEG 30	300A036010117300						(6.) BOP Drills Performed		-29 CURRENT CONDITIONS	DC/ DP	DC / DP SIZE	MASS	GRADE	MINIMUM I.D.	T. JNT. O.D.	TYPE THREAD	NO. OF JOINTS	PUMP TYPE		PUMP MANUFACTURER	STROKE LENGTH	CONTRACTOR'S JOB NUM	78									
SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S RIG MANAGER						(7.) Visually Inspect BOPs- Flare Lines & Degasser Lines		OVERCAST	DC	165	136	DC	57	165	41/2 XH	22	F-800		EMSCO	228.8	TOUR SHEET SERIAL NUM	PREC220_20070219_1C									
BRIAN NEIGUM	DAVE CROWLEY						(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)		WIND DIRECTION	DP	102	43.2	HWDP	72	134	4FH	8	PZ-7		GARDNER DENVER	178	VENDOR SOFTWARE VERSION	EDR_3-2-4 ETS 2.2									
							(4.) Crown Saver Checked		S.W. ROAD CONDITION	DP	102	23.38	SS/95	82	134	4FH	235															
							(5.) Motor Kills Checked	SLIPPERY	DP	102	23.38	SS/95	82	134	4FH	235																

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)			RENTALS / SERVICES			MORN	DAY	EVE
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE				
TIME - HRS																													1	SWACO							
	MORN					2.5	5.25	0.25																				8.00	SCREENS CHANGED	NEW/USED							
	DAY						1.25	0.25				6.25										0.25						8.00	TOP	TOP							
	EVE					1.25	3.75					3.0																8.00	MIDDLE	MIDDLE							
	TOTAL					3.75	10.25	0.50					9.25										0.25						24.00	BOTTOM	BOTTOM						
																												105									

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				MORNING TOUR				MUD RECORD				METRES DRILLED					TIME LOG					
	BIT	O.D.		.28	BIT NO.	2		MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS			
	TORQUE SUB	160	1.97	SIZE	200		TIME		300				1589					00	0030	0.50	5	PUMP OUT OF TIGHT SPOT @1406				
1	D.C.	161	9.38	IADC CODE			DENSITY (kg/m3)		1120									0030	215	1.75	6	FINISH WIPER TRIP FLOW CHECK @ 1200 M				
	STAB	191	1.61	MANUFACTURER	VAREL		FUNNEL VISCOSITY		70									215	230	0.25	7	RIG SERVICE FUNCTION ANNULAR 12 SEC TO CLOSE				
	SHOCK SUB	161	2.12	TYPE	MKS55		FLUID LOSS (cm3)		10									230	430	2.00	5	CONDITION MUD & CIRCULATE				
11	D.C.	161	103.72	SERIAL NO.	3174		pH		10.5									430	800	3.50	6	POOH FLOW CHECK @1583,1477,750				
4	D.C.	159	37.53	JETS	7X	10.3	MUD MATERIALS ADDED			SOLIDS CONTROL				CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2									
	X/O	163	.69				PRODUCT			AMOUNT	UNIT	CENTRIFUGE				LINER SIZE	SPM	LINER SIZE	SPM							
8	H.W.D.P.	101	74.97	DEPTH OUT (m)	1589		GEL	88	SX	HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	8970	152	105	152									
				DEPTH IN (m)	1380		BARITE	55	SX					REDUCED PUMP SPEED												
				TOTAL DRILLED (m)	209.00		ENVIROFLOC	12	SX					3428	@	63	@									
				TOTAL HRS RUN	19.25		HUMALITE	3	SX	HOURS RUN	INTAKE DENSITY (kg/m3)	OVER FLOW DENSITY	UNDER FLOW DENSITY	DEVIATION SURVEYS												
				CUTTING STRUCTURE				ALKAPAM 1103D	3	SX					DEPTH (m)		DEVIATION		DIRECTION							
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR	SAWDUST	12	SX	BOILERS										
71	D.P.	STANDS	1337.85	HOLE CONDITION							HRS RUN	8	HRS RUN													
1	D.P.	SINGLES	9.39	HOLE DRAG							BOILER pH	11	BOILER pH		DRILLER SIGNATURE				SPECIAL EVENT			SAFETY TOPIC		MEHL	MACP	
KELLY DOWN			4.54	TORQUE AT BOTTOM							STACK TEMP	370	STACK TEMP		DAVE D CROWLEY				TIME / DEPTH			TRIPPIN		69	3008	
TOTAL			1589.00	FILL ON BOTTOM (m)																						
WT. OF D.C.		22																								
WT. OF STRING		48																								

DAY

LICENCE NO.	WELL NAME & NO.		DAILY CHECKS	OPR	R.M.	YEAR	MONTH	DAY	LAST CASING TUBING OR LINER	O.D. (mm)	MIN I.D. (mm)	MASS (kg/m3)	MAKE	GRADE	NO. OF JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPUD DATE	2007/02/10	TIME	08:00
2047	PARA ET AL CAMERON A-03		(1.) Daily Walk Around Inspection	BN	DC	RIG NO.	220		FUEL @ 08:00 HRS	219.1	205.7	35.7	IPSCO	J-55	33	436.34	.5	435.84	RIG RELEASE		TIME	
OPERATOR		CONTRACTOR NAME	(3.) H2S Signs Posted if Required	BN	DC	RIG	BOILER												WELL TYPE	VERT.	RE-ENTRY	NO
PARAMOUNT RESOURCES LTD.		PRECISION DRILLING, DIV OF PDC	(4.) Well Licence & Stick Diagram Posted	BN	DC	95																
SURFACE LOCATION		UNIQUE ID	(5.) Flare Lines Staked	BN	DC	TEMPERATURE	-29		DC / DP SIZE	MASS	GRADE	MINIMUM I.D.	T. JNT. O.D.	TYPE THREAD	NO. OF JOINTS	PUMP TYPE	PUMP MANUFACTURER	STROKE LENGTH	OPERATOR'S AGE			
A-03-60 DEG 10-117 DEG 30		300A036010117300	(6.) BOP Drills Performed	BN	DC	CURRENT CONDITIONS	OVERCAST	DC	165	136	DC	57	165	41/2 XH	22	F-800	EMSCO	228.8	KELLY BSHG		OP FUEL	
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER	(7.) Visually Inspect BOPs - Flare Lines & Degasser Lines	BN	DC	WIND DIRECTION	S.W.	DP	102	43.2	HWDP	72	134	4FH	8	PZ-7	GARDNER DENVER	178	CONTRACTOR'S JOB NUM	78		
BRIAN NEIGUM		DAVE CROWLEY	(8.) Crown Saver Checked			ROAD CONDITION	SLIPPERY	DP	102	23.38	SS/95	82	134	4FH	235				TOUR SHEET SERIAL NUM	PREC220_20070219_1C		
			(9.) Motor Kills Checked																VENDOR SOFTWARE VERSION	EDR_3-2-4 ETS 2.2		

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE		
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING									NO.	TYPE	TYPE	CREW VEHICLE			
TIME - HRS																														1	SWACO						
	MORN					2.5	5.25	0.25																				8.00	SCREENS CHANGED		NEW/USED						
	DAY						1.25	0.25				6.25										0.25						8.00	TOP		TOP						
	EVE					1.25	3.75					3.0																8.00	MIDDLE		MIDDLE						
	TOTAL					3.75	10.25	0.50					9.25										0.25						24.00	BOTTOM		BOTTOM					
																														105							

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD									DAY TOUR				MUD RECORD				METRES DRILLED					TIME LOG							
	BIT	O.D.		BIT NO.	2						MUD TYPE			WATER BASED				FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS						
1	TORQUE SUB	160	1.97	SIZE	200						TIME	1000											800	915	1.25	6	POOH-FLOW CHECK AT 160 AND OUT OF HOLE						
	D.C.	161	9.38	IADC CODE							DENSITY (kg/m3)	1220											915	930	0.25	7	RIG SERVICE-FUNCTION BLIND RAMS-3SECS TO CLOSE , F/PIPE RAMS-3SECS TO CLOSE						
	STAB	191	1.61	MANUFACTURER	VAREL						FUNNEL VISCOSITY	70											930	945	0.25	21	SAFETY MEETING WITH LOGGERS						
	SHOCK SUB	161	2.12	FLUID LOSS (cm3)	10						pH	10.5											945	1600	6.25	11	WIRELINE LOGS-MAI,MSS,MPD,MDN,MML,MGS,MTC,MFE,MCG						
11	D.C.	161	103.72	TYPE	MKS55																												
	JAR	163	4.95	SERIAL NO.	3174																												
4	D.C.	159	37.53	JETS	7X	10.3										CIRCULATION PRESSURE kPa	PUMP NO. 1		PUMP NO. 2														
8	X/O	163	.69														LINER SIZE	SPM	LINER SIZE	SPM													
	H.W.D.P.	101	74.97	DEPTH OUT (m)	1589						PRODUCT	AMOUNT	UNIT	CENTRIFUGE					152		152												
				DEPTH IN (m)	1380													REDUCED PUMP SPEED															
				TOTAL DRILLED (m)	209.00													@		@													
				TOTAL HRS RUN	19.25													DEVIATION SURVEYS															
				CUTTING STRUCTURE															DEPTH (m)		DEVIATION		DIRECTION										
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN mi/HR					BOILERS																
71	D.P.	STANDS	1337.85	1	1	NO	A	X	1	NO	TD	10.85																	NOTES : HELD MAN DOWN DRILL WITH H2S SAFETY				
1	D.P.	SINGLES	9.39	HOLE CONDITION															HRS RUN	8	HRS RUN								HOLE FILL-ACT 7.48 / CAL 7.55				
	KELLY DOWN			4.54	HOLE DRAG																									STRAP- 1589.10 / BOARD - 1589.00 / DIFF - .10			
	TOTAL			1589.00	TORQUE AT BOTTOM															BOILER pH	11	BOILER pH								VISUALY INSPECT BRAKE BANDS, PINS. LINGAGE DC.			
	WT. OF D.C.		22	FILL ON BOTTOM (m)															STACK TEMP	370	STACK TEMP				DRILLER SIGNATURE		SPECIAL EVENT			SAFETY TOPIC		MEHL	MACP
WT. OF STRING		48																		JACK HUSTON		TIME / DEPTH							LOGGING			3008	

EVENING

[illegible]

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE	
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE			
TIME - HRS																													1	SWACO						
	MORN					2.5	5.25	0.25																				8.00	SCREENS CHANGED	NEW/USED						
	DAY						1.25	0.25				6.25										0.25						8.00	TOP	TOP						
	EVE					1.25	3.75					3.0																8.00	MIDDLE	MIDDLE						
	TOTAL					3.75	10.25	0.50					9.25										0.25						24.00	BOTTOM	BOTTOM					
																												105								

[illegible]

DAY

[illegible]

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES			MORN	DAY	EVE	
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE				
TIME - HRS																													1	SWACO							
	MORN						7.0	0.25					0.5										0.25					8.00	SCREENS CHANGED		NEW/USED						
	DAY												7.75									0.25					8.00	TOP		TOP							
	EVE					1.5							3.75		2.0							0.25	0.5				8.00	MIDDLE		MIDDLE							
	TOTAL					1.50	7.00	0.25					12.00		2.00								0.50	0.75				24.00	BOTTOM		BOTTOM						
																												105									

[illegible]

EVENING

[illegible]

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)		RENTALS / SERVICES		MORN	DAY	EVE	
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE			
																														1	SWACO					
TIME HRS	MORN						7.0	0.25					0.5											0.25					8.00	SCREENS CHANGED	NEW/USED					
	DAY												7.75										0.25						8.00	TOP	TOP					
	EVE					1.5							3.75		2.0							0.25	0.5						8.00	MIDDLE	MIDDLE					
	TOTAL					1.50	7.00	0.25					12.00		2.00							0.50	0.75						24.00	BOTTOM	BOTTOM					
																														105						

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				EVENING TOUR		MUD RECORD				METRES DRILLED					TIME LOG													
	BIT	O.D.		BIT NO.				MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS									
				SIZE				TIME											1600	1745	1.75	12	RUN CASING									
				IADC CODE				DENSITY (kg/m3)											1745	1915	1.50	5	CONDITION MUD & CIRCULATE									
				MANUFACTURER				FUNNEL VISCOSITY											1915	1930	0.25	21	SAFETY MEETING WITH CEMENTERS									
				TYPE				FLUID LOSS (cm3)											1930	2130	2.00	12	CEMENT CASING									
				SERIAL NO.				pH											2130	2330	2.00	14	NIPPLE DOWN SLIPS SET AT 33,000 DAN									
																			2330	0000	0.50	22	SET SLIPS @ 33,000 DaN									
				JETS				MUD MATERIALS ADDED				SOLIDS CONTROL				CIRCULATION PRESSURE kPa		PUMP NO. 1		PUMP NO. 2												
								PRODUCT		AMOUNT		UNIT		CENTRIFUGE				LINER SIZE		SPM		LINER SIZE		SPM		CEMENT THE PRODUCTION CASING WITH 22 TONNE OF THIXLITE + 1%SMS						
				DEPTH OUT (m)										HOURS RUN		INTAKE DENSITY (kg/m3)		OVER FLOW DENSITY		UNDER FLOW DENSITY				152		152		& 15 TONNE OF EXPANDOMIX LWL +.1% CFL-3 + .2%LTR >2% SPC-II. WE NEVER BUMPED				
				DEPTH IN (m)																								PLUG, THE FLOAT HELD WHEN WE RELEASED THE PRESS. STOPPED PUMPING AT 21:22 HRS				
				TOTAL DRILLED (m)																								FEB 20/07 BJN				
				TOTAL HRS RUN										HOURS RUN		INTAKE DENSITY (kg/m3)		OVER FLOW DENSITY		UNDER FLOW DENSITY												
				CUTTING STRUCTURE																												
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR																				
	D.P.	STANDS																									NOTES :					
	D.P.	SINGLES		HOLE CONDITION										1		2																
KELLY DOWN				HOLE DRAG										HRS RUN		8		HRS RUN														
TOTAL				TORQUE AT BOTTOM										BOILER pH		11		BOILER pH														
WT. OF D.C.				FILL ON BOTTOM (m)										STACK TEMP		370		STACK TEMP														
WT. OF STRING																																
DRILLER SIGNATURE																			SPECIAL EVENT						SAFETY TOPIC				MEHL		MACP	
DAVE D CROWLEY																			TIME / DEPTH													

MORNING

LICENCE NO.		WELL NAME & NO.		DAILY CHECKS										YEAR		MONTH		DAY		LAST CASING TUBING OR LINER		O.D. (mm)		MIN I.D. (mm)		MASS (kg/m3)		MAKE		GRADE		NO. of JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)		SPUD DATE		2007/02/10		TIME		08:00			
2047		PARA ET AL CAMERON A-03		(1.) Daily Walk Around Inspection (2.) Detailed Inspection - Weekly (Using Check List) (3.) H2S Signs Posted if Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed										RIG NO.		220		FUEL @ 08:00 HRS				219.1		205.7		35.7		IPSCO		J-55		33		436.34		.5		435.84		RIG RELEASE		2007/02/21		TIME		23:59			
OPERATOR				CONTRACTOR NAME				(3.) H2S Signs Posted if Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed										RIG				BOILER		139.7		125.7		23.07		IPSCO		J-55		121		1590.79						WELL TYPE		VERT.		RE-ENTRY		NO	
PARAMOUNT RESOURCES LTD.				PRECISION DRILLING, DIV OF PDC				(1.) Rig Site Health & Safety Meeting (one/crew/month) (2.) CAODC Rig Safet Inspection Checklist (one/rig/month)										TEMPERATURE																						OPERATOR'S AFE									
SURFACE LOCATION				UNIQUE ID				(1.) Rig Site Health & Safety Meeting (one/crew/month) (2.) CAODC Rig Safet Inspection Checklist (one/rig/month)										DC / DP				DC / DP SIZE		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH		KELLY BSHG				OP FUEL			
A-03-60 DEG 10-117 DEG 30				300A036010117300				(3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked										DC		DC		165		136		DC		57		165		41/2 XH		22		F-800		EMSCO		228.8		CONTRACTOR'S JOB NUM		78					
SIGNATURE OF OPERATOR'S REPRESENTATIVE				SIGNATURE OF CONTRACTOR'S RIG MANAGER				(3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked										DC		DC		102		43.2		HWDP		72		134		4FH		8		PZ-7		GARDNER DENVER		178		TOUR SHEET SERIAL NUM		PREC220_20070221_1B					
BRIAN NEIGUM				DAVE CROWLEY														DC		DC		102		23.38		SS/95		82		134		4FH		235						VENDOR SOFTWARE VERSION		EDR_3-2-4_HF2 ETS 2.2							

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)			RENTALS / SERVICES			MORN	DAY	EVE	
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING								NO.	TYPE	TYPE	CREW VEHICLE					
TIME - HRS																													1	SWACO								
	MORN	8.0																										8.00	SCREENS CHANGED		NEW/ USED							
	DAY	8.0																										8.00	TOP		TOP							
	EVE	8.0																										8.00	MIDDLE		MIDDLE							
	TOTAL	24.00																										24.00	BOTTOM		BOTTOM							
																													105									

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				MORNING TOUR		MUD RECORD				METRES DRILLED				TIME LOG														
	BIT	O.D.		BIT NO.				MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS									
				SIZE				TIME							1589				0	800	8.00	1	TEAR DOWN									
				IADC CODE				DENSITY (kg/m3)																								
				MANUFACTURER				FUNNEL VISCOSITY																								
				TYPE				FLUID LOSS (cm3)																								
				SERIAL NO.				pH																								
				JETS																												
				DEPTH OUT (m)																												
				DEPTH IN (m)																												
				TOTAL DRILLED (m)																												
				TOTAL HRS RUN																												
				CUTTING STRUCTURE																												
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR																				
	D.P.	STANDS																														
	D.P.	SINGLES		HOLE CONDITION																												
KELLY DOWN				HOLE DRAG																												
TOTAL				TORQUE AT BOTTOM																												
WT. OF D.C.				FILL ON BOTTOM (m)																												
WT. OF STRING																																
														DRILLER SIGNATURE				SPECIAL EVENT						SAFETY TOPIC				MEHL		MACP		
														DAVE D CROWLEY				TIME / DEPTH														

EVENING

LICENCE NO.		WELL NAME & NO.		DAILY CHECKS										YEAR		MONTH		DAY		LAST CASING TUBING OR LINER		O.D. (mm)		MIN I.D. (mm)		MASS (kg/m3)		MAKE		GRADE		NO. of JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)		SPUD DATE		2007/02/10		TIME		08:00	
2047		PARA ET AL CAMERON A-03		(1.) Daily Walk Around Inspection (2.) Detailed Inspection - Weekly (Using Check List) (3.) H2S Signs Posted if Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed										RIG NO.		220		FUEL @ 08:00 HRS				219.1		205.7		35.7		IPSCO		J-55		33		436.34		.5		435.84		RIG RELEASE		2007/02/21		TIME		23:59	
OPERATOR				CONTRACTOR NAME				(3.) H2S Signs Posted if Required (4.) Well Licence & Stick Diagram Posted (5.) Flare Lines Staked (6.) BOP Drills Performed				RIG		BOILER		139.7		125.7				23.07		IPSCO		J-55		121		1590.79						WELL TYPE		VERT.		RE-ENTRY		NO					
PARAMOUNT RESOURCES LTD.				PRECISION DRILLING, DIV OF PDC				(1.) Rig Site Health & Safety Meeting (one/crew/month) (2.) CAODC Rig Safet Inspection Checklist (one/rig/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked				TEMPERATURE				DC / DP		DC / DP SIZE				MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH		OPERATOR'S AFE							
SURFACE LOCATION				UNIQUE ID				(1.) Rig Site Health & Safety Meeting (one/crew/month) (2.) CAODC Rig Safet Inspection Checklist (one/rig/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked				-32		CURRENT CONDITIONS		DC / DP		DC / DP SIZE				MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH		KELLY BSHG				OP FUEL			
A-03-60 DEG 10-117 DEG 30				300A036010117300								OVERCAST		DC		165		136		DC		57		165		41/2 XH		22		F-800		EMSCO		228.8		CONTRACTOR'S JOB NUM		78									
SIGNATURE OF OPERATOR'S REPRESENTATIVE				SIGNATURE OF CONTRACTOR'S RIG MANAGER								WIND DIRECTION		DC		102		43.2		HWDP		72		134		4FH		8		PZ-7		GARDNER DENVER		178		TOUR SHEET SERIAL NUM		PREC220_20070221_1B									
BRIAN NEIGUM				DAVE CROWLEY								S.W. ROAD CONDITION		DP		102		23.38		SS/95		82		134		4FH		235						VENDOR SOFTWARE VERSION		EDR_3-2-4_HF2 ETS 2.2											
												SLIPPERY		DP		102		23.38		SS/95		82		134		4FH		235																			

CODE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTALS	SHALE SHAKER(S)			RENTALS / SERVICES			MORN	DAY	EVE		
		RIGUP & TEARDOWN	DRILL ACTUAL	REAMING	CORING	COND MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV. SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING									NO.	TYPE	TYPE	CREW VEHICLE					
TIME - HRS																														1	SWACO								
	MORN	8.0																										8.00	SCREENS CHANGED		NEW/USED								
	DAY	8.0																										8.00	TOP		TOP								
	EVE	8.0																										8.00	MIDDLE		MIDDLE								
	TOTAL	24.00																										24.00	BOTTOM		BOTTOM								
																														105									

NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				EVENING TOUR		MUD RECORD				METRES DRILLED				TIME LOG														
	BIT	O.D.		BIT NO.				MUD TYPE		WATER BASED		OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS									
				SIZE				TIME											1600	2400	8.00	1	TEAR DOWN									
				IADC CODE				DENSITY (kg/m3)																								
				MANUFACTURER				FUNNEL VISCOSITY																								
				TYPE				FLUID LOSS (cm3)															RIG RELEASED FEB 21 2007 24:00HRS									
				SERIAL NO.				pH																								
				JETS																												
				DEPTH OUT (m)																												
				DEPTH IN (m)																												
				TOTAL DRILLED (m)																												
				TOTAL HRS RUN																												
				CUTTING STRUCTURE																												
				TI	To	MDC	LOC	BRG	GAGE	ODC	REASON PULLED	TOTAL RUN m/HR																				
	D.P.	STANDS																														
	D.P.	SINGLES		HOLE CONDITION																												
KELLY DOWN				HOLE DRAG																												
TOTAL				TORQUE AT BOTTOM																												
WT. OF D.C.				FILL ON BOTTOM (m)																												
WT. OF STRING																																
														DRILLER SIGNATURE				SPECIAL EVENT						SAFETY TOPIC				MEHL		MACP		
														DAVE D CROWLEY				TIME / DEPTH														

