

LICENCE NO.
1125

WELL NAME & NO.
PARA ET AL CAMERON J-74 60-10-117-15

OPERATOR
PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME
PRECISION DRILLING, DIV OF PLP

SURFACE LOCATION
J-74 60-10-117-15

UNIT J SECTION 74 GRID 60-10-117-5

SIGNATURE OF OPERATOR'S REPRESENTATIVE
BRIAN NEIGUM

SIGNATURE OF CONTRACTOR'S RIG MANAGER
MIKE SZABO

DAILY CHECKS
(1) Daily Walk Around Inspection
(2) Drilled Inspection - Weekly (Using Check List)
(3) HSE Sign Posting (If Required)
(4) Well Licence & Deck Diagram Posted
(5) Flare Lines Checked
(6) BOP Data Entered
(7) Visually Inspect BOP's - Flare Lines & Degasser Lines
(8) Rig Site Health & Safety Meeting (see schedule)
(9) CAODC Rig Start Inspection Checklist (see schedule)
(10) Mast Inspection before Raising or Lowering
(11) Crown Saw Checked
(12) Motor Skills Checked

DATE
2006
MONTH
2
DAY
26

RIG NO.
1129

FUEL @ 08:00 HRS
BOILER
2925

TEMPERATURE
31

CURRENT CONDITIONS
CLOUDY

WIND DIRECTION
SE

ROAD CONDITION
ICE

LAST CASING TUBING OR LINER
21.91 205.66 35.71 IPSCO

GRADE
J-55

NO. OF JOINTS
27

TOTAL LENGTH
356.54

KG TO CSG HEAD
3.94

SET AT (m)
356

OD (mm)
219.1

MIN ID (mm)
127.3

MASS (kg/m)
20.83

MAKE
IPSCO

GRADE
J-55

NO. OF JOINTS
101

TOTAL LENGTH
1342.06

KG TO CSG HEAD
5

SET AT (m)
1341.56

DC/DP
31/25

MASS
152

GRADE
STD

MINIMUM I.D.
58

T. INT.
150

TYPE
4TH-90

NO. OF JOINTS
8

PUMP TYPE
F-800

PUMP MANUFACTURER
EMSCO

STROKE LENGTH
229

DC/DP
121

MASS
69.5

GRADE
57

MINIMUM I.D.
123

T. INT.
31/2 F

TYPE
18

NO. OF JOINTS
23

PUMP TYPE
F-800

PUMP MANUFACTURER
EMSCO

STROKE LENGTH
229

DC/DP
101

MASS
40.5

GRADE
RG2

MINIMUM I.D.
125

T. INT.
31/2 F

TYPE
23

NO. OF JOINTS
23

PUMP TYPE
F-800

PUMP MANUFACTURER
EMSCO

STROKE LENGTH
229

TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

0 800 8.00 1 TEAR DOWN RIG WAIT ON DAYLIGHT

800 815 0.25 21 SAFETY MEETING W/ ALL NITE TRUCKING CREW AND ENG.

815 1600 7.75 1 MOVE RIG FROM 5-7419-2 TO J-74 60-10-117-15

TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

800 815 0.25 21 SAFETY MEETING W/ ALL NITE TRUCKING CREW AND ENG.

815 1600 7.75 1 MOVE RIG FROM 5-7419-2 TO J-74 60-10-117-15

TIME LOG
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1600 2000 4.00 1 MOVE RIG

2000 2400 4.00 22 WAIT ON LOADS (SUB. AND MUD TANKS) WIDE LOADS.

DRILLING CREW PAYROLL DATA

WELL NAME & NO.
PARA ET AL CAMERON J-74 60-10-117-15

YEAR
2006

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DAY
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CONTRACTOR NAME
PRECISION DRILLING, DIV OF PLP

RIG MANAGER
MIKE SZABO

RIG NO.
1129

PROVINCE
N.W.T.

CAMP
☒ YES

NO
☐ NO

RIG SAFETY DAYS
33

RATE SCHEDULE
☒ X REGULAR

REPAIR
☐

INVERT
☐

CREW SAFETY DAYS
97

DRIVERS
MAGELLA MANGUY

DAY TOUR
FROM 800 TO 1600

CREW
SOC INS. NO. NAME HRS YES NO

DRILLER
RYAN OXNER 12.00 RO

DERRICK HAND
CRAIG MANTOANI 12.00 CM

MOTOR HAND
ADAM OAKE 12.00 AO

FLOOR HAND
CHRIS HUNNEMAN 12.00 CH

FLOOR HAND
MARK SULIVAN 12.00 MS

RIG MANAGER
MIKE SZABO 1.00 DAY MS

RATE SCHEDULE
☒ X REGULAR

REPAIR
☐

INVERT
☐

CREW SAFETY DAYS
510

DRIVERS
CRAIG MANTOANI
MARK SULIVAN

EVENING TOUR
FROM 1600 TO 2400

CREW
SOC INS. NO. NAME HRS YES NO

DRILLER
MAGELLA MANGUY 4.00 MM

DERRICK HAND
PETER MATUSKA 4.00 PM

MOTOR HAND
BRANDON WILK 4.00 BW

FLOOR HAND
IVAN CINDRIC 4.00 IC

FLOOR HAND
TREVOR WANDLER 4.00 TW

RATE SCHEDULE
☒ X REGULAR

REPAIR
☐

INVERT
☐

CREW SAFETY DAYS
95

DRIVERS
MAGELLA MANGUY

DRILLING ASSEMBLY
PICKUP & TEARDOWN

DRILL ACTUAL

REAMING

CORING

COND MUD & CIRC

TRIPS

RIG SERVICE

REPAIR RIG

CUT OFF DRE LINE

DEV SURVEY

WIRELINE LOGS

RUN CSG & CEMENT

WAIT ON CEMENT

NEELED UP B.O.P.

TEST B.O.P.

DRILLSTEM TEST

PLUG BACK

SOAGE 25 CEMENT

FISHING

DR. WORK

SAFETY MEETING

22

23

24

25

26

TOTALS

NO. 1 TYPE
QUEEN-HOOK

TYPE BRANDT

NO. 2 TYPE
NEW J-BUD

TYPE TOP

NO. 3 TYPE
MIDDLE

TYPE MIDDLE

NO. 4 TYPE
BOTTOM

TYPE BOTTOM

8.00

8.00

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24.00

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NEELED UP B.O.P.

TEST B.O.P.

DRILLSTEM TEST

PLUG BACK

SOAGE 25 CEMENT

FISHING

DR. WORK

SAFETY MEETING

22

23

24

25

26

TOTALS

NO. 1 TYPE
QUEEN-HOOK

TYPE BRANDT

NO. 2 TYPE
NEW J-BUD

TYPE TOP

NO. 3 TYPE
MIDDLE

TYPE MIDDLE

NO. 4 TYPE
BOTTOM

TYPE BOTTOM

8.00

8.00

8.00

8.00

8.00

24.00

215

DRILLING ASSEMBLY
PICKUP & TEARDOWN

DRILL ACTUAL

REAMING

CORING

COND MUD & CIRC

TRIPS

RIG SERVICE

REPAIR RIG

CUT OFF DRE LINE

DEV SURVEY

WIRELINE LOGS

RUN CSG & CEMENT

WAIT ON CEMENT

NEELED UP B.O.P.

TEST B.O.P.

DRILLSTEM TEST

PLUG BACK

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8.

MORNING

[illegible]

LICENCE NO.						WELL NAME & NO.																					
1125						PARA ET AL CAMERON J-74 60-10-117-15																					
OPERATOR						CONTRACTOR NAME																					
PARAMOUNT RESOURCES LTD.						PRECISION DRILLING, DIV OF PLP																					
SURFACE LOCATION						UNIQUE ID																					
J-74 60-10-117-15						UNIT J SECTION 74 GRID 60-10-117-5																					
SIGNATURE OF OPERATOR'S REPRESENTATIVE						SIGNATURE OF CONTRACTOR'S RIG MANAGER																					
BRIAN NEIGUM						MIKE SZABO																					
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 BOP's- 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																											
YEAR MONTH DAY 2006 2 26 RIG NO. 129 FUEL @ 08:00 HRS RIG BOILER 8000 2925 TEMPERATURE .31 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 CLOUDY WIND DIRECTION DC 152 122 STD 58 150 4"H-90 8 F-800 EMSCO 229 S.E. DC 121 69.5 57 123 3 1/2 IF 18 ROAD CONDITION DP 101 40.5 RG2 58 125 3 1/2 IF 23 ICE																											
O.P.R.M. MS MS WATER REFR.																											
SPUD DATE TIME RIG RELEASE TIME WELL TYPE VERT. RE-ENTRY NO OPERATOR'S AFE O5N-610061 KELLY BSHG .33 OP FUEL CONTRACTOR'S JOB NUM 742 TOUR SHEET SERIAL NUM: PREC129_20060226_1D VENDOR SOFTWARE VERSION EDR_3-1-7_HF1 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 IT38G LOADER 8 8 8 MORN 8.0 6 HWT DP 101mm 3 1/2 IF DAY 7.75 TOP TOP EVE 4.0 330 255 TOTAL 19.75 255 BOTTOM BOTTOM 0.25 4.00 24.00 215																											
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 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 DEPTH OUT (m) CENTRIFUGE LINDER SIZE SPM LINDER SIZE SPM DEPTH IN (m) REDUCED PUMP SPEED TOTAL DRILLED (m) DEVIATION SURVEYS TOTAL HRS RUN DEPTH (m) DEVIATION DIRECTION CUTTING STRUCTURE TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/Hr HOLE CONDITION BOILERS HOLE DRAG 1 2 TORQUE AT BOTTOM HRS RUN 8 HRS RUN 0 BOILER PH BOILER PH FILL ON BOTTOM (m) STACK TEMP STACK TEMP DRILLER SIGNATURE SPECIAL EVENT RYAN OXNER TIME / DEPTH SAFETY TOPIC MEHL MACP MOVE RIG																											

EVENING

[illegible]

LICENSE NO: 1125 **WELL NAME & NO:** PARA ET AL CAMERON J-74

OPERATOR: PARAMOUNT RESOURCES LTD. **CONTRACTOR NAME:** PRECISION DRILLING, DIV OF PLP

SURFACE LOCATION: J-74 60-10-117-15 **UNIQUE ID:** 300J746010117150

SIGNATURE OF OPERATOR'S REPRESENTATIVE: BRIAN NEIGUM **SIGNATURE OF CONTRACTOR'S RIG MANAGER:** MIKE SZABO

DAILY CHECKS:

- () Daily Walk Around Inspection
- () Detailed Inspection - Visually (Using Check List)
- () H2S Signs Posted if Required
- () Well License & Risk Diagram Filled
- () Flow Lines Staked
- () BOP Delta Performed
- () Visually Inspected BOP's Filter Lines & Degasser Lines
- () Rig Site Health & Safety Meeting (Lowersheet only)
- () CAODC Rig Safe Inspection Checklist (on site/online)
- () Mast Inspection before Raising or Lowering
- () Crown Shear Checked
- () Motor Kils Checked

RIG DATA:

RIG NO: 8000 FUEL @ 08:00 HRS: 2925 TEMPERATURE: 2925 DC TOP SIZE: 122 MASS: STD GRADE: 58 T INT DZ: 150 TYPE: 4TH-90 NO. OF JOINTS: 8 PUMP TYPE: F-800 PUMP MANUFACTURER: EMSCO STROKE LENGTH: 229

DRILLING LOG:

TIME	DEPTH (m)	TEMPERATURE (°C)	DRILL RATE (m/hr)	TOOL BIT (mm)	GRIND (mm)	MASS (kg/m³)	GRADE	NO. OF JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)
08:00	0	2925	122	STD	58	150	4TH-90	8	F-800	EMSCO	229
09:00	101	40.5	RG2	58	123	312 IF	18				

SHALE SHAKERS:

NO.	TYPE	RENTALS	SERVICES	MORN	DAY	EVE
1	IT38G LOADER			8	8	8

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS:

WAIT ON TRUCKS (SUB AN MUD TANKS) COULD NOT MOVE ON SUNDAY. WIDE LOADS

DRILLER SIGNATURE: MAGELLA MAINGUY **SPECIAL EVENT:** TIME / DEPTH

SAFETY TOPIC: MEHL **MACP:**

CREW SAFETY DAYS: 98 **DRIVERS:** MAGELLA MAINGUY

DAY TOUR: FROM 800 TO 1600 **INJURIES:**

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		MAGELLA MAINGUY	8.00		MM
DERRICK HAND		PETER MATUSKA	8.00		PM
MOTOR HAND		BRANDON WILK	8.00		BW
FLOOR HAND		IVAN CINDRIC	8.00		IC
FLOOR HAND		TREVOR WANDLER	8.00		TW

RIG MANAGER: MIKE SZABO **1.00 DAY MS**

CREW SAFETY DAYS: 511 **DRIVERS:** CRAIG MANTOANI

EVENING TOUR: FROM 1600 TO 2400 **INJURIES:**

CREW	SOC INS. NO.	NAME	HRS	YES	NO
DRILLER		MAGELLA MAINGUY	8.00		MM
DERRICK HAND		PETER MATUSKA	8.00		PM
MOTOR HAND		BRANDON WILK	8.00		BW
FLOOR HAND		IVAN CINDRIC	8.00		IC
FLOOR HAND		TREVOR WANDLER	8.00		TW

RATE SCHEDULE: X REGULAR REPAIR INVERT

CREW SAFETY DAYS: 96 **DRIVERS:** MAGELLA MAINGUY

[illegible]

DAY

[illegible]

EVENING

[illegible]

[illegible]

MORNING

LICENCE NO. 1125		WELL NAME & NO. PARA ET AL CAMERON J-74											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 MS BN MS BN MS BN MS BN MS BN MS BN MS		YEAR 2006		MONTH 2		DAY 28		LAST CASING TUBING OR LINER		O.D. (mm) 219.1		MIN I.D. (mm) 205.66		MASS (kg/m3) 35.71		MAKE IPSCO		GRADE J-55		NO. of JOINTS 27		TOTAL LENGTH 356.54		KB TO CSG HEAD 3.94		SET AT (m) 356		SPUD DATE 2006/02/28		TIME 16:30																																																																																																																																																																																																																																																																																																																																																																																							
OPERATOR PARAMOUNT RESOURCES LTD.													CONTRACTOR NAME PRECISION DRILLING, DIV OF PLP													RIG NO. 129		FUEL @ 08:00 HRS		RIG 4600		BOILER 800		TEMPERATURE -21		CURRENT CONDITIONS CLOUDY		WIND DIRECTION NORTH		ROAD CONDITION ICE		DC / DP DP		DC / DP SIZE 101		MASS 40.5		GRADE RG2		MINIMUM I.D. 58		T. JNT. O.D. 125		TYPE THREAD 3 1/2 IF		NO. of JOINTS 23		PUMP TYPE F-800		PUMP MANUFACTURER EMSCO		STROKE LENGTH 229		RIG RELEASE VERT.		RE-ENTRY NO		OPERATOR'S AFE O5N-610061		KELLY BSHG .33		OP FUEL		CONTRACTOR'S JOB NUM 742		TOUR SHEET SERIAL NUM PREC129_20060228_1E		VENDOR SOFTWARE VERSION EDR_3-1-7_HF1 ETS 2.2																																																																																																																																																																																																																																																																																																																																																														
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PERMISSION NO.		WELL NAME & NO.		DAILY CHECKS										O.P.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		2006/02/28		TIME		16:30											
1125		PARA ET AL CAMERON J-74										CONTRACTOR NAME										BN		MS		RIG NO.		129		FUEL @ 08:00 HRS		219.1		205.66		35.71		IPSCO		J-55		27		356.54		3.94		356		RIG RELEASE				TIME					
OPERATOR		PARAMOUNT RESOURCES LTD.										PRECISION DRILLING, DIV OF PLP										BN		MS		RIG		4600		BOILER		800		139.7		127.3		20.83		IPSCO		J-55		101		1342.06		.5		1341.56		WELL TYPE		VERT.		RE-ENTRY		NO	
SURFACE LOCATION		J-74 60-10-117-15										300J746010117150										BN		MS		TEMPERATURE																				OPERATOR'S AFE		O5N-610061											
SIGNATURE OF OPERATOR'S REPRESENTATIVE		BRIAN NEIGUM										MIKE SZABO										BN		MS		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		.33		OP FUEL					
SIGNATURE OF CONTRACTOR'S RIG MANAGER																						BN		MS		CLOUDY		DC		152		122		STD		58		150		4"H-90		8		F-800		EMSCO		229		CONTRACTOR'S JOB NUM		742							
																						BN		MS		WIND DIRECTION		DC		121		69.5				57		123		3 1/2 IF		18						TOUR SHEET SERIAL NUM		PREC129_20060228_1E									
																						BN		MS		NORTH		DC		101		40.5		RG2		58		125		3 1/2 IF		23						VENDOR SOFTWARE VERSION		EDR_3-1-7_HF1 ETS 2.2									
																						BN		MS		ROAD CONDITION		DP		101		40.5		RG2		58		125		3 1/2 IF		23																	
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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	2006/02/28	TIME	16:30																									
1125				PARA ET AL CAMERON J-74														BN	MS	2006	2	28	129	219.1	205.66	35.71	IPSCO	J-55	27	356.54	3.94	356																													
OPERATOR				CONTRACTOR NAME														BN	MS	RIG NO.	FUEL @ 08:00 HRS	139.7	127.3	20.83	IPSCO	J-55	101	1342.06	.5	1341.56																															
PARAMOUNT RESOURCES LTD.				PRECISION DRILLING, DIV OF PLP														BN	MS	RIG	BOILER	4600	800																																						
SURFACE LOCATION				UNIQUE ID														BN	MS	TEMPERATURE																																									
J-74 60-10-117-15				300J746010117150														BN	MS	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																														
SIGNATURE OF OPERATOR'S REPRESENTATIVE				SIGNATURE OF CONTRACTOR'S RIG MANAGER														BN	MS	CLOUDY	DC	152	122	STD	58	150	4"H-90	8	F-800	EMSCO	229																														
BRIAN NEIGUM				MIKE SZABO														BN	MS	WIND DIRECTION	DC	121	69.5		57	123	3 1/2 IF	18																																	
																		BN	MS	NORTH ROAD CONDITION	DC	101	40.5	RG2	58	125	3 1/2 IF	23																																	
																		BN	MS	ICE	DP	101	40.5	RG2	58	125	3 1/2 IF	23																																	
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			
																										MORN													7.75						0.25								8.00	QUEENHOOK	BRANDT	IT38G LOADER	8	8	8		
																										DAY	5.5					0.25							1.0						1.25								8.00	SCREENS CHANGED	NEW/ USED	6 HWT DP 101mm 3 1/2 IF					
																										EVE		6.25				0.5			1.0										0.25								8.00	TOP	TOP	2 203mm DC					
																										TOTAL	5.50	6.25				0.75			1.00				7.75	1.00						1.75							24.00	MIDDLE	MIDDLE						

Form containing various sections: License No, Well Name, Contractor Name, Operator, Paramount Resources Ltd., Precision Drilling, Div of PLP, J-74 60-10-117-15, Neil Rundell, Mike Szabo, DAILY CHECKS, LAST CASING, RIG NO, FUEL @ 0500 HRS, TEMPERATURE, CURRENT CONDITIONS, WIND DIRECTION, ROAD CONDITION, SHALE SHAKERS, TIME LOG, DRILLING CREW PAYROLL DATA, and multiple tables for drilling logs and crew details.

MORNING

INCENCE NO.						WELL NAME & NO.																																								
								DAILY CHECKS																																						
1125 PARA ET AL CAMERON J-74								(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.) CAADC Rig Safet Inspection Checklist (one/rig/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked																																						
OPERATOR								CONTRACTOR N'AME																																						
PARAMOUNT RESOURCES LTD.								PRECISION DRILLING, DIV OF PLP																																						
SURFACE LOCATION								UNIQUE ID																																						
J-74 60-10-117-15								300J746010117150																																						
SIGNATURE OF OPERATOR'S REPRESENTATIVE								SIGNATURE OF CONTRACTOR'S RIG MANAGER																																						
Neil Rundell								MIKE SZABO																																						
CODE NO.																										SHALE SHAKER(S)		RENTALS / SERVICES			MORN	DAY	EVE													
TIME LOG																										NO. TYPE			TYPE																	
MORN																										QUEENHOOK			BRANDT			IT38G LOADER			8			8			8					
DAY																										SCREENS CHANGED			NEW USED			6 HWT DP 101mm 3 1/2 IF														
EVE																										TOP			TOP			2 203mm DC														
TOTAL																										330			255																	
																										MIDDLE			MIDDLE																	
																										BOTTOM			BOTTOM																	
																										215																				
METRES DRILLED																										TIME LOG																				
DETAILS OF OPERATIONS IN SEQUENCE & REMARKS																																														
RIG SERVICE (F/T ANNULAR CL 32 SEC OP 30 SEC)																																														
SAFETY MEETING (CONNECTIONS)																																														
DRILL ACTUAL (FROM 68m TO 95m)																																														
BLOW KELLY																																														
POOH WPER TRIP FOR SURVEY UNIT 10 NIM F/T @ 95m ,89M,OM																																														
BREAK DOWN STANDS REAM @30m																																														
VISUALLY INSPECT ACCUMULATOR,DIVERTOR LINE AND TANK,TONGS AND SAFETY DEVICES MS																																														
NOTES : CHECKED CROWN SAVER,BRAKE LINKAGES AND PINS,TONGS AND LINES																																														
ACCUM CONTROLS AND HYD LEVEL.DEVERTER FLARE LINE																																														
EATON BRAKE GLYCOL LEVEL AND PRESSURE GUAGE																																														
DRILLER SIGNATURE																																														
DEAN PODOLSKI																																														
SPECIAL EVENT																																														
TIME /DEPTH																																														
SAFETY TOPIC																																														
MEHL																																														
MACP																																														
TRIPPING																																														

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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		2006/02/28		TIME		16:30																																	
1125		PARA ET AL CAMERON J-74												(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. NR MS NR MS NR MS NR MS NR MS NR MS		RIG NO.		2006		3		2		FUEL @ 08:00 HRS		RIG		BOILER		15000		1500		TEMPERATURE		-20		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		.33		OP FUEL		CONTRACTOR'S JOB NUM		742		TOUR SHEET SERIAL NUM		PREC129_20060302_1D		VENDOR SOFTWARE VERSION		EDR_3-1-7_HF1 ETS 2.2	
OPERATOR		CONTRACTOR NAME												PRECISION DRILLING, DIV OF PLP										UNIQUE ID		300J746010117150										SIGNATURE OF OPERATOR'S REPRESENTATIVE		NEIL RUNDALL		MIKE SZABO																																																	
SURFACE LOCATION		J-74 60-10-117-15																						TOTALS		SHALES SHAKER(S)										RENTALS / SERVICES										MORN		DAY		EVE																																							
TIME - HRS		MORN		6.25								0.25						1.25										8.00		IT38G LOADER										8		8		8																																													
DAY		6.75										0.75														8.00		6 HWT DP 101mm 3 1/2 IF																																																													
EVE		4.75				0.5		1.75		0.25						0.25										8.00		2 203mm DC 6 5/8 REG																																																													
TOTAL		17.75				0.50		1.75		0.75						2.25										24.00																																																															
NO.		DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH		BIT RECORD										MORNING TOUR										MUD RECORD										METRES DRILLED										TIME LOG																																											
1		BIT		O.D.		.32		BIT NO.		1A				MUD TYPE		NATURAL		WATER BASED		X		OIL BASED				FROM		TO		D-R-C		RPM		WOB		FROM		TO		ELAPSED TIME		CODE		DETAILS OF OPERATIONS IN SEQUENCE & REMARKS																																													
1		BIT SUB		197		.84		SIZE		311				TIME		200		400		600				244		330		D		200		6		0		15		0.25		7		RIG SERVICE(F/T ANNULAR CL 31 SEC OP 31 SEC)																																															
2		8" DC		204		18.8		IADC CODE						DENSITY (kg/m3)		1170		1180		1180						15		30		0.25		21										SAFETY MEETING (PICKING UP PIPE)																																															
1		X.O.		156		.57		MANUFACTURER		VAREL				FUNNEL VISCOSITY		41		38		38						30		645		6.25		2										DRILL ACTUAL FROM 244m TO 330m																																															
8		6" DC		152		71.58		TYPE		CH04JMRS				FLUID LOSS (cm3)												645		800		1.25		10										DEVIATION SURVEY (ACCUM)																																															
1		X.O.		122		.81		SERIAL NO.		213832				pH		8		8		8																																																																					
18		4 3/4 COLLAR		122		167.95		JETS		3X		11.1		MUD MATERIALS ADDED				SOLIDS CONTROL						CIRCULATION PRESSURE kPa		PUMP NO. 1		PUMP NO. 2																																																													
6		H.W.D.P.		102		57.10		PRODUCT		AMOUNT		UNIT		CENTRIFUGE				HOURS RUN		INTAKE DENSITY (kg/m3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		6400		152		125																																																											
								DEPTH OUT (m)						HUMULITE		1		SX						8		1180		1160		1580																																																											
								DEPTH IN (m)		0														1600		@		68		@		330																																																									

DAY

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Well Name & NO: 1125 PARA ET AL CAMERON J-74

CONTRACTOR NAME: PRECISION DRILLING, DIV OF PLP

UNIQUE ID: 300J746010117150

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Neil Rundell

SIGNATURE OF CONTRACTOR'S RIG MANAGER: MIKE SZABO

DATE: 2006/02/28

TIME: 16:30

WELL TYPE: VERT

RE-ENTRY: NO

OPERATOR'S AFE: OGN-61 0061

KELLY BUSH: 33

OF PUEL: 742

TOUR SHEET SERIAL NUM: PREC129_20060303_1C

WELDR SOFTWARE VERSION: EDR 3-1-7 NF1 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO: PARA ET AL CAMERON J-74

YEAR: 2006

MONTH: 3

DAY: 28

OPERATOR: PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME: PRECISION DRILLING, DIV OF PLP

RIG MANAGER: MIKE SZABO

RIG NO: 129

PROVINCE: N.W.T.

CAMP: X

YES

NO

RIG SAFETY DAYS: 38

RATE SCHEDULE: X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS: MARK SULIVAN

DEAN PODOLSKI

DAY TOUR

FROM: 800

TO: 1600

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER: MAGELLA MAINGUY

12.00

MM

DERRICK HAND: PETER MATUSKA

12.00

PM

MOTOR HAND: BRANDON WILK

12.00

BW

FLOOR HAND: IVAN CINDRIC

12.00

IC

FLOOR HAND: TREVOR WANDLER

12.00

TW

RIG MANAGER: MIKE SZABO

1.00

DAY

MS

RATE SCHEDULE: X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS: MAGELLA MAINGUY

515

EVENING TOUR

FROM: 1600

TO: 2400

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER: DEAN PODOLSKI

4.00

DP

DERRICK HAND: RYAN BUTLER

4.00

RB

MOTOR HAND: JOSH INSLEY

4.00

J

FLOOR HAND: JESSE BRATZER

4.00

JB

FLOOR HAND: MARK SULIVAN

4.00

MS

RATE SCHEDULE: X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS: DEAN PODOLSKI

MARK SULIVAN

100

[illegible]

LICENCE NO.						WELL NAME & NO.																																												
1125						PARA ET AL CAMERON J-74																																												
OPERATOR						CONTRACTOR NAME																																												
PARAMOUNT RESOURCES LTD.						PRECISION DRILLING, DIV OF PLP																																												
SURFACE LOCATION						UNIQUE ID																																												
J-74 60-10-117-15						300J746010117150																																												
SIGNATURE OF OPERATOR'S REPRESENTATIVE						SIGNATURE OF CONTRACTOR'S RIG MANAGER																																												
Neil Rundell						MIKE SZABO																																												
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 BOP's- 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. NR MS RIG NO. FUEL @ 08:00 HRS RIG 12500 1900 TEMPERATURE -18 CURRENT CONDITIONS CLOUDY WIND DIRECTION NORTH ROAD CONDITION ICE		YEAR MONTH DAY 2006 3 3 LAST CASING TUBING OR LINER 219.1 205.66 35.71 IPSCO J-55 33 435.56 3.94 435 PUMP TYPE PUMP MANUFACTURER STROKE LENGTH F-800 EMSCO 229		O.D. (mm) MIN I.D. (mm) MASS (kg/m3) MADE GRADE NO. of JOINTS TOTAL LENGTH KB TO CSG HEAD SET AT (m)		SPUD DATE 2006/02/28 TIME 16:30																														
CODE NO.														SHALE SHAKER(S)														RENTALS / SERVICES														MORN			DAY			EVE		
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														NO. TYPE TYPE IT38G LOADER 8 8 8																																				
TOTALS 8.00 8.00 8.00 8.00 24.00														QUEENHOOK BRANDT 6 HWT DP 101mm 3 1/2 IF																																				
MORN 0.5 3.0 4.0 0.25 1.25 3.0 1.0 4.0 1.25 4.00 4.00 1.25 1.25 1.50 24.00														SCREENS CHANGED NO NEW USED 330 255 255 215																																				
DAY 0.5 3.0 4.0 0.25 1.25 3.0 1.0 4.0 1.25 4.00 4.00 1.25 1.25 1.50 24.00														TOP TOP 2 203mm DC 6 5/8 REG																																				
EVE 0.5 3.0 4.0 0.25 1.25 3.0 1.0 4.0 1.25 4.00 4.00 1.25 1.25 1.50 24.00														MIDDLE MIDDLE																																				
TOTAL 0.50 3.0 4.0 0.25 1.25 3.0 1.0 4.0 1.25 4.00 4.00 1.25 1.25 1.50 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. .32 BIT NO. 1A MUD TYPE GEL WATER BASED X OIL BASED FROM TO D-R-C RPM WOB FROM TO ELAPSED TIME CODE DETAILS OF OPERATIONS IN SEQUENCE & REMARKS																																																		
BIT SUB 151 .90 SIZE 311 TIME 800 1200 1600 0 800 815 0.25 7 RIG SERVICE (F/T ANNULAR CL 31 SEC / OP 32 SEC)																																																		
6' DC 152 71.58 IADC CODE FUNNEL VISCOSITY 100 100 45 815 830 0.25 21 SAFETY MEETING (TRIPPING AND LAY DOWN COLLER																																																		
X.O. 122 .81 MANUFACTURER VAREL FLUID LOSS (cm3) pH 8 8 8 830 900 0.50 6 FINNISH POOH 10 MIN F/C 435m ,215M, OM																																																		
4 3/4 COLLAR 122 111.84 TYPE CH04JMRS 900 915 0.25 21 SAFETY MEETING WITH TONG HAND (RUN CASINGS																																																		
H.W.D.P. 102 57.10 SERIAL NO. 213832 915 945 0.50 1 RIG UP TONG HAND																																																		
X.O. 122 .22 JETS 3X 11.1 DESCO 2 SX 8 1120 1110 1590 524 @ 68 @ 435 945 1200 2.25 12 RUN CASING WITH																																																		
DEPTH OUT (m) 435 CENTRIFUGE CIRCULATION PRESSURE KPa PUMP NO. 1 PUMP NO. 2 1200 1500 3.00 5 CONDITION MUD & CIRC.																																																		
DEPTH IN (m) 0 REDUCED PUMP SPEED 1500 1515 0.25 21 SAFETY MEETING WITH SANGEL																																																		
TOTAL DRILLED (m) 435.00 DEVIATION SURVEYS 1515 1600 0.75 12 CEMENTING WITH SANGEL																																																		
TOTAL HRS RUN 38.75 BOILERS 1600 RAN 33 JOINTS, 435.56 METERS OF 219.1MM, 35.71 KG/M, J55																																																		
CUTTING STRUCTURE TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/HRR 11 8 1120 1110 1610 DEPTH (m) DEVIATION DIRECTION NEW IPSCO SURFACE CASING. LANDED AT 435 MKB, CEMENTED																																																		
D.P. STANDS 126.26 HOLE CONDITION HRS RUN 8 HRS RUN 0 MAGELLA MAINGUY SPECIAL EVENT SAFETY TOPIC MEHL MACP																																																		
KELLY DOWN 369.03 HOLE DRAG 0 TORQUE AT BOTTOM 0 FILL ON BOTTOM (m) 0																																																		
WT. OF D.C. 26 WT. OF STRING 33																																																		

EVENING

[illegible]

[illegible]

MORNING

LICENCE NO.

1125

WELL NAME & NO.

PARA ET AL CAMERON J-74

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PLP

SURFACE LOCATION

J-74 60-10-117-15

UNIQUE ID

300J746010117150

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Neil Rundell

SIGNATURE OF CONTRACTOR'S RIG MANAGER

MIKE SZABO

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 Salet Inspection Checklist (one/rig/month)

(3.) Mast Inspection before Raising or Lowering

(4.) Crown Saver Checked

(5.) Motor Kills Checked

OPR R.M.

NRMS

YEAR

2006

MONTH

3

DAY

4

LAST CASING TUBING OR LINER

FUEL @ 08:00 HRS

O.D. (mm)

219.1

MIN I.D. (mm)

205.66

MASS (kg/m3)

35.71

MAKE

IPSCO

GRADE

J-55

NO. of JOINTS

33

TOTAL LENGTH

435.56

KB TO CSG HEAD

3.94

SET AT (m)

435

RIG NO.

129

RIG

11800

BOILER

2200

TEMPERATURE

-11

CURRENT CONDITIONS

clear

WIND DIRECTION

NORTH

ROAD CONDITION

ICE

DC / DP

152

DC / DP SIZE

122

MASS

122

GRADE

STD

MINIMUM I.D.

58

T. JNT. O.D.

150

TYPE THREAD

4"H-90

NO. of JOINTS

8

PUMP TYPE

F-800

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

229

DC / DP

121

DC / DP SIZE

69.5

MASS

57

GRADE

123

MINIMUM I.D.

3 1/2 IF

T. JNT. O.D.

18

TYPE THREAD

23

NO. of JOINTS

101

PUMP TYPE

40.5

PUMP MANUFACTURER

RG2

STROKE LENGTH

58

SPUD DATE

2006/02/28

TIME

16:30

RIG RELEASE

WELL TYPE

VERT.

RE-ENTRY

NO

OPERATOR'S AFE

O5N-610061

KELLY BSHG

.33

OP FUEL

CONTRACTOR'S JOB NUM

742

TOUR SHEET SERIAL NUM

PREC129_20060304_1C

VENDOR SOFTWARE VERSION

EDR_3-1-7_HF1 ETS 2.2

CODE NO.

1

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

SHAPE 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

WELD

TOTALS

MORN

DAY

EVE

TOTAL

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

NO.

TYPE

TYPE

IT38G LOADER

8

8

8

QUEENHOOK

BRANDT

6 HWT DP 101mm 3 1/2 IF

203mm DC 6 5/8 REG

SCREENS CHANGED

NEW/USED

330

255

255

215

TOP

TOP

MIDDLE

MIDDLE

BOTTOM

BOTTOM

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

1

TORQUE SUB

160

2.30

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

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

13

D.P.

SINGLES

116.5

HOLE CONDITION

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (m)

WT. OF D.C.

26

WT. OF STRING

33

1

6" DC

153

8.72

1

STAB

160

1.65

7

6" DC

152

62.86

1

X.O.

122

.81

6

4 3/4 COLLAR

122

56.43

1

JAR

123

4.99

12

4 3/4 COLLAR

122

55.41

6

H.W.D.P.

102

57.10

1

X.O.

122

.22

MUD TYPE

FLOC

WATER BASED

X

OIL BASED

TIME

800

1300

1600

435

DENSITY (kg/m3)

1000

1000

1000

FUNNEL VISCOSITY

28

28

28

FLUID LOSS (cm3)

pH

8

8

8

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

STAFLO

3

SX

DESCO

2

SX

SAWDUST

20

SX

ALKAPAM 1103

7

SX

CALCIUM NITRATE

14

SX

SOLIDS CONTROL

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

0

152

0

0

0

REDUCED PUMP SPEED

0

@

0

@

0

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

BOILERS

1

2

HRS RUN

8

HRS RUN

0

BOILER pH

10

BOILER pH

0

STACK TEMP

495

STACK TEMP

0

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

0

115

1.25

22

CUT CASING WELD ON BOWL.

115

130

0.25

21

SAFETY MEETING (NIPPLE UP)

130

800

6.50

14

NIPPLE UP B.O.P.

800

DAILY WALKAROUND PERFORMED VISUALLY INSPECT ACCMULATOR, BOP

CHOKE MANIFOLOD,FLARELINES, DEGASSER AND LINES, TONGS,SAFETY DEVICES.

NOTES :

CHECKED CROWN SAVER,BRAKE LINKAGES AND PINS,TONGS AND LINES

EATON BRAKE GLYCOL LEVEL AND PRESSURE GAUGE,BOP SLINGS,

TUGGER LINES AND HOOKS,DEAD MAN BOLTS,DRAW WORKS BOLTS

RIG SERVICE DONE WHILE WOC

DRILLER SIGNATURE

SPECIAL EVENT

DEAN PODOLSKI

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

NIPPLE UP

9

0

DAY

[illegible]

EVENING

COINCENCE NO.		WELL NAME & NO.												DAILY CHECKS										O.P.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		2006/02/28		TIME		16:30																							
1125		PARA ET AL CAMERON J-74										CONTRACTOR NAME										PRECISION DRILLING, DIV OF PLP										NR		MS		RIG NO.		129				219.1		205.66		35.71		IPSCO		J-55		33		435.56		3.94		435		RIG RELEASE				TIME																	
OPERATOR		PARAMOUNT RESOURCES LTD.										SURFACE LOCATION										J-74 60-10-117-15										NR		MS		RIG		11800		BOILER		2200														WELL TYPE		VERT.		RE-ENTRY		NO																			
SIGNATURE OF OPERATOR'S REPRESENTATIVE		Neil Rundell										SIGNATURE OF CONTRACTOR'S RIG MANAGER										MIKE SZABO										NR		MS		TEMPERATURE		-11		CURRENT CONDITIONS		clear		WIND DIRECTION		NORTH		ROAD CONDITION		ICE		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		O5N-610061					
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																	
MORN		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.		DRILL STEM TEST		PLUG BACK		SQUEEZE CEMENT		FISHING		DIR. WORK		SAFETY MEETING		WELD										8.00		NO. TYPE		TYPE		IT38G LOADER		8		8		8															
DAY														0.25														6.5		3.75										0.25		1.25								8.00		QUEENHOOK BRANDT		6 HWT DP 101mm 3 1/2 IF																											
EVE								4.5		0.25																		3.0										0.25										8.00		SCREENS CHANGED		NEW USED		2 203mm DC 6 5/8 REG																											
TOTAL								4.50		0.50																10.00		6.75										1.00		1.25								24.00		215		255																													
NO.		DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH		BIT RECORD										EVENING TOUR										MUD RECORD										METRES DRILLED										TIME LOG																																			
1		BIT		O.D.		.29		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																																					
1		TORQUE SUB		160		2.30		SIZE		200				TIME												1600		1615		0.25		7		RIG SERVICE(SERVICE DRAW WORK)																																															
1		6" DC		153		8.72		IADC CODE						DENSITY (kg/m3)												1615		1745		1.50		15		FINNISH PRESSURE TEST B.O.P.																																															
1		STAB		160		1.65		MANUFACTURER		VAREL				FUNNEL VISCOSITY												1745		2215		4.50		6		RIH(ALL DRILL STRINGS 367.28m) INSTALL UPPER AND LOWER KELLY COCK.																																															
7		6" DC		152		62.86		TYPE		MKSS55				FLUID LOSS (cm3)												2215		2230		0.25		21		SAFETY MEETING (USE OF TONGS)																																															
1		X.O.		122		.81		SERIAL NO.		2426				pH												2230		2400		1.50		15		TEST B.O.P. 12000KPA HIGH 1500KPA LOW 15MIN EACK UPPER AND LOWER KELLY COCK																																															
5		4 3/4 COLLAR		122		56.43		JETS		7X		9.5		MUD MATERIALS ADDED				SOLIDS CONTROL						CIRCULATION PRESSURE KPa		PUMP NO. 1		PUMP NO. 2																																																					

Drilling log form for well PARA ET AL CAMERON J-74. The form includes sections for well data, daily checks, rig specifications, and detailed drilling logs for Morning, Day, and Evening tours. It tracks parameters like depth, torque, pump pressure, and fluid loss. The logs are organized into columns for different stages of the drilling process, including mud record, mud materials added, solids control, and circulation pressure. The form also includes a section for crew safety days and a signature block for the driller and rig manager.

MORNING

LICENCE NO.						WELL NAME & NO.																																				
1125						PARA ET AL CAMERON J-74																																				
OPERATOR						CONTRACTOR NAME																																				
PARAMOUNT RESOURCES LTD.						PRECISION DRILLING, DIV OF PLP																																				
SURFACE LOCATION						UNIQUE ID																																				
J-74 60-10-117-15						300J746010117150																																				
SIGNATURE OF OPERATOR'S REPRESENTATIVE						SIGNATURE OF CONTRACTOR'S RIG MANAGER																																				
Neil Rundell						MIKE SZABO																																				
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																																										
YEAR MONTH DAY 2006 3 5 RIG NO. 129 FUEL @ 08:00 HRS RIG BOILER 10500 2800 TEMPERATURE -10 CURRENT CONDITIONS DCI DP MASS GRADE MINIMUM I.D. T. JNT. O.D. TYPE THREAD NO. of JOINTS PUMP TYPE PUMP MANUFACTURER STROKE LENGTH clear WIND DIRECTION DC 152 122 STD 58 150 4"H-90 8 F-800 EMSCO 229 NORTH ROAD CONDITION DC 121 69.5 57 123 3 1/2 IF 18 ICE DP 101 40.5 RG2 58 125 3 1/2 IF 23																																										
O.D. (mm) MIN I.D. (mm) MASS (kg/m3) MAKE GRADE NO. of JOINTS TOTAL LENGTH KB TO CSG HEAD SET AT (m) 219.1 205.66 35.71 IPSCO J-55 33 435.56 3.94 435																																										
SPUD DATE 2006/02/28 TIME 16:30 RIG RELEASE TIME WELL TYPE VERT. RE-ENTRY NO OPERATOR'S AFE OSN-610061 KELLY BSHG .33 OP FUEL CONTRACTOR'S JOB NUM 742 TOUR SHEET SERIAL NUM PREC129_20060305_1B VENDOR SOFTWARE VERSION EDR_3-1-7_HF1 ETS 2.2																																										
CODE NO.																										SHALE SHAKER(S)				RENTALS / SERVICES				MORN			DAY			EVE		
																										NO. TYPE TYPE IT38G LOADER 8 8 8																
MORN																										QUEENHOOK BRANDT 6 HWT DP 101mm 3 1/2 IF																
DAY																										SCREENS CHANGED NO NEW USED 2 203mm DC 6 5/8 REG																
EVE																										TOP TOP 330 255																
TOTAL																										MIDDLE MIDDLE 255																
BOTTOM BOTTOM 215																																										
TOTALS 8.00 8.00 8.00 24.00																																										
NO. DRILLING ASSEMBLY (AT END OF TOUR) LENGTH BIT RECORD MORNING TOUR MUD RECORD METRES DRILLED TIME LOG																																										
BIT TORQUE SUB 160 2.30 SIZE 200 TIME 200 400 600 435 564 D 85 5 0 15 0.25 7 RIG SERVICE (F/T ANNULAR CL 12 SEC OP 13 SEC)																																										
6' DC 153 8.72 IADC CODE 1000 1000 1000 15 100 0.75 21 BOP DRILL AND EMERGENCY RESPONSE PLAN WITH CREW,PUSH,CONSULANT																																										
STAB 160 1.65 FUNNEL VISCOSITY 29 29 29 100 200 1.00 22 DRILL OUT FLOAT AND SHOE																																										
6' DC 152 62.86 MANUFACTURER VAREL FLUID LOSS (cm3) 200 230 0.50 2 DRILL ACTUAL FROM 435m TO 445m																																										
X.O. 122 .81 TYPE MKS55 pH 10.5 10.5 10 230 330 1.00 15 FORMATION LEAK OFF TEST																																										
4 3/4 COLLAR 122 56.43 SERIAL NO. 2426 330 700 3.50 2 DRILL ACTUAL FROM 445m TO 564.50m																																										
JAR 123 4.99 JETS 7X 9.5 MUD MATERIALS ADDED SOLIDS CONTROL CIRCULATION PRESSURE kPa PUMP NO. 1 PUMP NO. 2 700 800 1.00 10 DEVIATION SURVEY(ACCUM)																																										
4 3/4 COLLAR 122 55.41 PRODUCT AMOUNT UNIT CENTRIFUGE LINDER SIZE SPM LINDER SIZE SPM 800																																										
H.W.D.P. 102 57.10 CALCIUM NITRATE 6 SX HOURS RUN INTAKE DENSITY OVER FLOW DENSITY UNDER FLOW DENSITY 4250 152 115 0																																										
X.O. 122 .22 ALKAPAM 1103 2 SX 8 1040 1000 1380 1100 @ 68 @ 554																																										
DEPTH OUT (m) 435 REDUCED PUMP SPEED SIDPP PRESSURE GUAGE 500KPA HIGHER																																										
DEPTH IN (m) 129 DEVIATION SURVEYS THEN PRESSURE GUAGE																																										
TOTAL DRILLED (m) 4 WALKAROUND PERFORMED VISUALLY INSPECT ACCUMULATOR, BOP, CHOKE MANIFOLD, FLARE																																										
TOTAL HRS RUN CUTTING STRUCTURE TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/Hr LINE,, DEGASSER AND LINE, TONGS AND SAFETY DEVICES,																																										
D.P. STANDS 32.2 BOILERS 1 2																																										
D.P. SINGLES 301.37 HOLE CONDITION HRS RUN 8 HRS RUN 0																																										
KELLY DOWN 12.35 HOLE DRAG 1 UP 1 DOWN BOILER pH 10.5 BOILER pH																																										
TOTAL 564.50 TORQUE AT BOTTOM 0 STACK TEMP 525 STACK TEMP																																										
WT. OF D.C. 20 DRILLER SIGNATURE SPECIAL EVENT TAGED CEMENT SAFETY TOPIC MEHL MACP																																										
WT. OF STRING 28 DEAN PODOLSKI TIME / DEPTH 0130 431 BOP DRILL 3606																																										

DAY

LICENCE NO.

1125

WELL NAME & NO.

PARA ET AL CAMERON J-74

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PLP

SURFACE LOCATION

J-74 60-10-117-15

UNIQUE ID

300J746010117150

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Neil Rundell

SIGNATURE OF CONTRACTOR'S RIG MANAGER

MIKE SZABO

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.

NRMS

NRMS

NRMS

NRMS

NRMS

NRMS

NRMS

MS

MS

MS

YEAR

2006

MONTH

3

DAY

5

LAST CASING TUBING OR LINER

O.D. (mm)

219.1

MIN I.D. (mm)

205.66

MASS (kg/m3)

35.71

MAKE

IPSCO

GRADE

J-55

NO. of JOINTS

33

TOTAL LENGTH

435.56

KB TO CSG HEAD

3.94

SET AT (m)

435

SPUD DATE

2006/02/28

TIME

16:30

RIG NO.

129

FUEL @ 08:00 HRS

RIG

10500

BOILER

2800

TEMPERATURE

-10

CURRENT CONDITIONS

clear

WIND DIRECTION

NORTH

ROAD CONDITION

ICE

DC / DP

DC / DP

DC / DP SIZE

152

MASS

122

GRADE

STD

MINIMUM I.D.

58

T. JNT. O.D.

150

TYPE THREAD

4"H-90

NO. of JOINTS

8

PUMP TYPE

F-800

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

229

DC

121

MASS

69.5

GRADE

57

T. JNT. O.D.

123

TYPE THREAD

3 1/2 IF

NO. of JOINTS

18

DP

101

MASS

40.5

GRADE

RG2

T. JNT. O.D.

58

TYPE THREAD

125

NO. of JOINTS

3 1/2 IF

23

CODE NO.

1

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)

NO. TYPE TYPE

RENTALS / SERVICES

IT38G LOADER

MORN

8

DAY

8

EVE

8

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

DRILL OUT

NO. TYPE TYPE

QUEENHOOK BRANDT

SCREENS CHANGED

NO

NEW / USED

USED

TOP

330

TOP

255

MIDDLE

255

MIDDLE

255

BOTTOM

215

BOTTOM

215

MORN

DAY

EVE

TOTAL

13.50

4.50

0.75

1.75

1.00

1.00

1.50

1.00

8.00

8.00

8.00

24.00

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

1

BIT

O.D.

29

BIT NO.

1

MUD TYPE

FLOC

WATER BASED

X

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1

TORQUE SUB

160

2.30

SIZE

200

TIME

800

1200

1600

564

651

D

90

8

800

815

0.25

7

RIG SERVICE (F/T PIPE RAMS CL 2 SEC / OP 2 SEC)

1

6" DC

153

8.72

IADC CODE

DENSITY (kg/m3)

1010

1010

1010

815

845

0.50

21

SAFETY MEETING (BOP DRILL AND EMERGENCY PLAN)

1

STAB

160

1.65

MANUFACTURER

VAREL

FUNNEL VISCOSITY

29

29

29

845

1045

2.00

5

LOSS CIRCULATION @ 564m (MIXE LCM)

7

6" DC

152

62.86

TYPE

MKS55

FLUID LOSS (cm3)

1045

1145

1.00

2

DRILL ACTUAL 564m TO 584m

1

X.O.

122

.81

pH

10

10

10

1145

1215

0.50

5

LOSS CIRCULATION @ 584m (MIXE LCM)

6

4 3/4 COLLAR

122

56.43

SERIAL NO.

2426

1215

1545

3.50

2

DRILL ACTUAL 584m TO 651m

1

JAR

123

4.99

JETS

7X

9.5

1545

1600

0.25

10

DEVIATION SURVEY

6

4 3/4 COLLAR

122

55.41

PRODUCT

AMOUNT

UNIT

CENTRIFUGE

CIRCULATION PRESSURE kPa

PUMP NO. 1

PUMP NO. 2

1600

6

H.W.D.P.

102

57.10

CALCIUM NITRATE

4

SX

HOURS RUN

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

4290

152

115

0

1

X.O.

122

.22

DEPTH OUT (m)

435

SODA ASH

3

SX

8

1010

1000

1590

REDUCED PUMP SPEED

40

D.P.

STANDS

388.82

TOTAL DRILLED (m)

216

PRIMA SEAL M

30

SX

8

1010

1000

1600

DEVIATION SURVEYS

40

D.P.

SINGLES

388.82

TOTAL HRS RUN

8.50

SAWDUST

35

SX

8

1010

1000

1600

DEPTH (m)

DEVIATION

DIRECTION

40

D.P.

SINGLES

388.82

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/HR

LIMESTONE GROUND

5

SX

545.08

1

40

D.P.

SINGLES

388.82

HOLE CONDITION

HRS RUN

8

HRS RUN

0

NOTES : CHECKED CROWN SAVER BRAKE LINKAGE PINS TONGS AND TONGS LINES

40

D.P.

SINGLES

388.82

HOLE DRAG

1 UP 1 DOWN

BOILER pH

10.5

BOILER pH

AIR HORN ,ACCUMULATOR HYD LVL AND BOP SET UP

40

D.P.

SINGLES

388.82

TORQUE AT BOTTOM

0

STACK TEMP

490

STACK TEMP

MANIFOLD CONFIG... FLARE AND DEGASSER LINES

40

D.P.

SINGLES

388.82

FILL ON BOTTOM (m)

0

DRILLER SIGNATURE

SPECIAL EVENT

MANIFOLD CONFIG... FLARE AND DEGASSER LINES

40

D.P.

SINGLES

388.82

WT. OF D.C.

20

TIME / DEPTH

BOP DRILL F/T ANNUAL CL 11 SEC /OP 12 SEC ,

40

D.P.

SINGLES

388.82

WT. OF STRING

29

SAFETY TOPIC

MEHL

MACP

F/T MANIFOLD CHOKE CL 30 SEC / OP 31 SEC

40

D.P.

SINGLES

388.82

TIME / DEPTH

BOP DRILL

30

6999

EVENING

[illegible]

LICENCE NO. 1125 WELL NAME & NO. PARA ET AL CAMERON J-74 OPERATOR PARAMOUNT RESOURCES LTD. CONTRACTOR NAME PRECISION DRILLING, DIV OF PLP SURFACE LOCATION J-74 60-10-117-15 SIGNATURE OF OPERATOR'S REPRESENTATIVE Neil Rundell SIGNATURE OF CONTRACTOR'S RIG MANAGER MIKE SZABO

DAILY CHECKS 1. Daily Walk Around Inspection 2. (Drilled) Inspect - Visually (Using Check List) 3. H2S Signs/Fumes (If Required) 4. VMI Licence & Stock Diagram Filled 5. Flare Line Checked 6. BOP Drills Performed 7. Visually Inspect BOP - Flare Line & Degasser Lines 8. (CADD) Rig Safe Inspection Checklist (once/month) 9. Main Inspection before Raising or Lowering 10. Crown Saver Checked 11. MWD Logs Checked

YEAR 2006 MONTH 3 DAY 6 LAST CASING TUBING OR LINER 21.91 205.66 35.71 IPSCO GRADE J-55 NO. OF JOINTS 33 TOTAL LENGTH 435.56 KB TO CSG HEAD 3.94 SET AT (m) 435

SPUD DATE 2006/02/28 TIME 16:30 RIG RELEASE TIME VERT. PREENTRY NO OPERATOR'S A/E 05N-61 0081 KELLY B/HS .33 DP FUEL 742 CONTRACTOR'S JOB NUM 742 PRECISION DRILLING, DIV OF PLP TOUR SHEET SERIAL NUM PREC129_20060306_1C VENDOR SOFTWARE VERSION EDR 3-1-7 HF1 ETS 2.2



PASON DATAHUB

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
NO	RIGUP & TENDOWN	DRILL ACTUAL	REAMING	CORING	CONO MUD & CIRC	TRIPS	RIG SERVICE	REPAIR RIG	CUT OFF DRILL LINE	DEV SURVEY	WIRELINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NEEDLE UP B.G.P.	TEST B.G.P.	DRILL TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DR. WORK	SAFETY MEETING						
TIME	7.0				0.25		0.25			0.5											0.25						8.00
DAY	7.0						0.25			0.5											0.25						8.00
WEL	4.5				3.0		0.25														0.25						8.00
NO					3.25		0.75			1.00											0.50						24.00

DRILLING CREW PAYROLL DATA									
WELL NAME & NO.	PARA ET AL CAMERON J-74	YEAR	2006	MONTH	3	DAY	6		
OPERATOR	PARAMOUNT RESOURCES LTD.	CONTRACTOR NAME	PRECISION DRILLING, DIV OF PLP						
RIG MANAGER	MIKE SZABO	RIG NO.	129						
PROVINCE	N.W.T.	CAMP	X	YES					

BIT RECORD MORNING TOUR MUD RECORD METRES DRILLED TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1. RIG SERVICE (F/T ANNUAL CL 13 SEC OP 12 SEC)

2. MIX LCM PILL TO DISPLACE DOWN HOLE

3. DRILL ACTUAL FROM 726m TO 846m

4. DEVIATION SURVEY (ACCUM)

5. BLEWDOWN BOILER 2 TIMES

6. WALKAROUND PERFORMED VISUALLY INSPECT ACCUMULATOR, BOP, CHOKE MANIFOLD, FLARE LINE, DEGASSER AND LINE TONGS AND ALL SAFETY DEVICES.

MORNING TOUR									
CREW	SOC INS. NO.	NAME	HRS	YES	NO				
DRILLER		DEAN PODOLSKI	8.00		OP				
DERRICK HAND		RYAN BUTLER	8.00		RB				
MOTOR HAND		JOSH INSLEY	8.00		JL				
FLOOR HAND		JESSE BRATZER	8.00		JB				
FLOOR HAND		MARK SULIVAN	8.00		MS				
RIG MANAGER									
		MIKE SZABO	1.00	DAY	MS				

BIT RECORD DAY TOUR MUD RECORD METRES DRILLED TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1. RIG SERVICE (F/T PIPE RAMS CL 2 SEC OP 2 SEC)

2. SAFETY MEETING (SUSPENDED LOAD)

3. DRILL ACTUAL 846m TO 963m

4. DEVIATION SURVEY (ACCUM)

5. BLEWDOWN BOILER 2 TIMES

6. SIDDP GAUGE 500 KPA HIGHER IN MANIFOLD

DAY TOUR									
CREW	SOC INS. NO.	NAME	HRS	YES	NO				
DRILLER		MAGELLA MAINGUY	12.00		MM				
DERRICK HAND		PETER MATUSKA	8.00		PM				
MOTOR HAND		BRANDON WILK	8.00		BW				
FLOOR HAND		IVAN CINDRIC	8.00		IC				
FLOOR HAND		TREVOR WANDLER	8.00		TW				
RIG MANAGER									
		MIKE SZABO	1.00	DAY	MS				

BIT RECORD EVENING TOUR MUD RECORD METRES DRILLED TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1. RIG SERVICE (F/T HOR OP 2 SEC / CL 2 SEC)

2. SAFETY MEETING (BOILER, STEAM)

3. DRILL ACTUAL 963m TO 1020m

4. LOSS CIRC @ 1020m BUILD VOLUME MIX UP LCM PILL

5. BLEWDOWN BOILER 2 TIMES

6. SIDDP GAUGE 500 KPA HIGHER IN MANIFOLD

EVENING TOUR									
CREW	SOC INS. NO.	NAME	HRS	YES	NO				
DRILLER		DEAN PODOLSKI	4.00		OP				
DERRICK HAND		RYAN BUTLER	8.00		RB				
MOTOR HAND		JOSH INSLEY	8.00		JL				
FLOOR HAND		JESSE BRATZER	8.00		JB				
FLOOR HAND		MARK SULIVAN	8.00		MS				
RIG MANAGER									
		DEAN PODOLSKI							

MORNING

[illegible]

DAY

[illegible]

EVENING

[illegible]

[illegible]

[illegible]

DAY

[illegible]

EVENING

LICENCE NO.

1125

WELL NAME & NO.

PARA ET AL CAMERON J-74

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PLP

SURFACE LOCATION

J-74 60-10-117-15

UNIQUE ID

300J746010117150

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Neil Rundell

SIGNATURE OF CONTRACTOR'S RIG MANAGER

TYLER ELL

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.

NR MS

NR TE

NR MS

NR MS

NR MS

TE

MS

YEAR

2006

MONTH

3

DAY

7

LAST CASING TUBING OR LINER

FUEL @ 08:00 HRS

RIG

16500

BOILER

2500

TEMPERATURE

-12

CURRENT CONDITIONS

DC

CLEAR

DC

WIND DIRECTION

DC

NORTH ROAD CONDITION

DC

ICE

DP

O.D. (mm)

219.1

MIN I.D. (mm)

205.66

MASS (kg/m3)

35.71

MAKE

IPSCO

GRADE

J-55

NO. of JOINTS

33

TOTAL LENGTH

435.56

KB TO CSG HEAD

3.94

SET AT (m)

435

SPUD DATE

2006/02/28

TIME

16:30

RIG RELEASE

TIME

WELL TYPE

VERT.

RE-ENTRY

NO

OPERATOR'S AFE

05N-610061

KELLY BSHG

.33

OP FUEL

CONTRACTOR'S JOB NUM

742

TOUR SHEET SERIAL NUM

PREC129_20060307_1B

VENDOR SOFTWARE VERSION

EDR_3-1-7_HF1 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

IT38G LOADER

8

8

8

MORN

DAY

EVE

TOTAL

8.00

8.00

8.00

24.00

QUEENHOOK

BRANDT

6 HWT DP 101mm 3 1/2 IF

2 203mm DC 6 5/8 REG

TIME

HRS

SCREENS CHANGED

NO

NEW USED

TOP

MIDDLE

BOTTOM

215

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

1

BIT

O.D.

.29

BIT NO.

1

MUD TYPE

GEL

WATER BASED

X

OIL BASED

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1

TORQUE SUB

160

2.30

SIZE

200

TIME

1800

2200

2400

1117

1214

D

100

5

1600

1615

0.25

7

RIG SERVICE (F/T HCR OP 2 SEC / CL 2 SEC)

1

6" DC

153

8.72

IADC CODE

DENSITY (kg/m3)

1030

1030

1030

1615

1630

0.25

21

SAFETY MEETING (BOP DRILL WITH CREW FROM LONG CHANGE)

1

STAB

160

1.65

MANUFACTURER

VAREL

FUNNEL VISCOSITY

89

90

100

1630

2315

6.75

2

DRILL ACTUAL 1117m TO 1214m

7

6" DC

152

62.86

TYPE

MKS55

FLUID LOSS (cm3)

11

11

11

2315

2400

0.75

10

DEVIATION SURVEY (ACCUM)

1

X.O.

122

.81

SERIAL NO.

2426

pH

9.5

9.0

9

2400

NOTES : CHECKED CROWN SAVER BRAKE LINKAGE PINS TONGS AND TONGS LINES

6

4 3/4 COLLAR

122

56.43

JETS

7X

9.5

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa

PUMP NO. 1

PUMP NO. 2

AIR HORN MANIFOLD COMFIG.. FLARE AND DEGASSER LINES

1

JAR

123

4.99

PRODUCT

AMOUNT

UNIT

CENTRIFUGE

LINEAR SIZE

SPM

LINEAR SIZE

SPM

ACCUMULATOR HYD LVL BOP SET UP , GLYCOL LVL

6

4 3/4 COLLAR

122

55.41

GEL

83

SX

HOURS RUN

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

9220

152

100

0

REDUCED PUMP SPEED

6

H.W.D.P.

102

57.10

DEPTH OUT (m)

435

DRISPAC

1

SX

0

3240

@

68

@

1127

BLEW DOWN BOILER 2 TIMES

1

X.O.

122

.22

DEPTH IN (m)

779

HUMULITE

1

SX

HOURS RUN

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

DEVIATION SURVEYS

1

D.P.

STANDS

951.51

CUTTING STRUCTURE

TI

To

MDC

LOC

BRG

QAGE

ODC

REASON PULLED

TOTAL RUN m/HR

1136.97

1

DEPTH (m)

DEVIATION

DIRECTION

98

D.P.

SINGLES

1214.64

TOTAL HRS RUN

41

0

0

0

0

DEVIATION SURVEYS

WT. OF D.C.

20

1

2

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

WT. OF STRING

41

1

2

DEAN PODOLSKI

TIME / DEPTH

BOP DRILL

41

6871

1125

PARA ET AL CAMERON J-74

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PLP

SURFACE LOCATION

J-74 60-10-117-15

SIGNATURE OF OPERATOR'S REPRESENTATIVE

NEIL RUNDLE

UNIQUE ID

300J746010117150

SIGNATURE OF CONTRACTOR'S RIG MANAGER

TYLER ELL

DAILY CHECKS

1) Daily Walk Around Inspection

2) Drilled Inspection - Weekly (Using Check List)

3) H2S Signs Posted (If Required)

4) Well License & Risk Diagram Posted

5) Flare Line Status

6) BOP Drills Performed

7) Monthly Inspect BOP's, Flare Lines & Degasser Lines

1) Rig Site Health & Safety Meeting (See Attachment)

2) CADDIS Rig Safety Inspection Checklist (See Attachment)

3) Must inspect before raising or lowering

4) Crown Saver Checked

5) Monitor Kicks Checked

YEAR

2006

MONTH

3

DAY

8

LAST CASING

TUBING

OD (mm)

219.1

MM ID (mm)

205.66

MASS (kg/m)

35.71

GRADE

J-55

NO. OF JOINTS

33

TOTAL LENGTH

435.56

KB TO CSG HEAD

3.94

SET AT (m)

435

TEMPERATURE

15

CURRENT CONDITIONS

DC

152

122

STD

58

150

4TH-90

8

F-800

EMSCO

229

SHALE SHAKER

IT38G LOADER

6 HWT DP 101mm 31/2 IF

2203mm DC 6 5/8 REG

DRILLING CREW PAYROLL DATA

WELL NAME & NO.

PARA ET AL CAMERON J-74

YEAR

2006

MONTH

3

DAY

8

OPERATOR

PRECISION DRILLING, DIV OF PLP

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PLP

RIG NO.

TYLER ELL

RIG NO.

1125

PROVINCE

N.W.T.

CAMP

X

YES

NO

RIG SAFETY DAYS

43

RATE SCHEDULE

X

REGULAR

REPAIR

INVERT

CREW SAFETY DAYS

DRIVERS

BRANDON WALK

DEAN PODOLSKI

DAY TOUR

FROM

800

TO

1600

INJURIES

CREW

SOC INS. NO.

NAME

HRS

YES

NO

DRILLER

DEAN PODOLSKI

8.00

DP

DERRICK HAND

CRAIG MANTOANI

8.00

CM

MOTOR HAND

ADAM OAKE

8.00

AO

FLOOR HAND

TREVOR WANDLER

8.00

TW

FLOOR HAND

BRANDON WILK

8.00

BW

DRILLING ASSEMBLY

LENGTH

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

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

NO

TYPE

QUENCHED

YES

NEW

USED

IT38G LOADER

6 HWT DP 101mm 31/2 IF

SCREEN

CHANGED

TOP

255

MIDDLE

255

BOTTOM

255

DEPTH (m)

DEVIATION

DIRECTION

BLEW BOILER DOWN 2 TIMES

NOTES

CHECKED CROWN SAVER, BRAKE LINKAGES AND PINS, TONGS AND LINES

PVT FOR PROPER ACCURACY AIR HORN ACCUM. CONTROLS AND HYD LEVEL

DEAD MAN BOLTS, TUGGER LINES AND HOOKS

DRILLER SIGNATURE

DEAN PODOLSKI

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

KICK WARNING SINGS

45

6871

DRILLING ASSEMBLY

LENGTH

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

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

NO

TYPE

QUENCHED

YES

NEW

USED

IT38G LOADER

6 HWT DP 101mm 31/2 IF

SCREEN

CHANGED

TOP

255

MIDDLE

255

BOTTOM

255

DEPTH (m)

DEVIATION

DIRECTION

HOISTED BADLY BALLED BIT

NOTES

CHECKED CROWN SAVER BRAKE LINKAGE TONGS AND TONGS LINES

AIR HORN MANIFOLD CONFIG. - FLARE AND DEGASSER LINES

ACCUM. - HYD LVL - BOP SET UP AND RIG HYD LVL

DRILLER SIGNATURE

MAGELLA MANGUY

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

BOP DRILL

45

6871

DRILLING ASSEMBLY

LENGTH

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

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

NO

TYPE

QUENCHED

YES

NEW

USED

IT38G LOADER

6 HWT DP 101mm 31/2 IF

SCREEN

CHANGED

TOP

255

MIDDLE

255

BOTTOM

255

DEPTH (m)

DEVIATION

DIRECTION

NOTES

CHECKED CROWN SAVER BRAKE LINKAGE PINS TONGS AND TONGS LINES

AIR HORN ACCUMULATOR HYD LVL BOP SET UP AND BOP BOLTS

MANIFOLD CONFIG. - FLARE AND DEGASSER LINES

DRILLER SIGNATURE

DEAN PODOLSKI

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

TRIPPING

45

6871



PASON DATAHUB

MORNING

[illegible]

DAY

LICENSE NO.						WELL NAME & NO.																																																																																															
1125						PARA ET AL CAMERON J-74																																																																																															
OPERATOR								CONTRACTOR NAME																																																																																													
PARAMOUNT RESOURCES LTD.								PRECISION DRILLING, DIV OF PLP																																																																																													
SURFACE LOCATION								UNIQUE ID																																																																																													
J-74 60-10-117-15								300J746010117150																																																																																													
SIGNATURE OF OPERATOR'S REPRESENTATIVE								SIGNATURE OF CONTRACTOR'S RIG MANAGER																																																																																													
Neil Rundell								TYLER ELL																																																																																													
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 Line (1 .) Rig Site Health & Safety Meeting (one/crew/month) (2 .) CAAOC 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. NR TE NR TE NR TE NR TE NR TE NR TE		YEAR MONTH DAY 2006 3 8 RIG NO. 129 FUEL @ 08:00 HRS RIG BOILER 16500 2500 TEMPERATURE -12 CURRENT CONDITIONS DC/ DP CLEAR WIND DIRECTION DC NORTH ROAD CONDITION DP ICE 101 20.8 E 70 127 4" FH 174																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		2006/02/28		TIME		16:30																																									
																		219.1		205.66		35.71		IPSCO		J-55		33		435.56		3.94		435		RIG RELEASE				TIME																																																													
																																VERT.		RE-ENTRY		NO																																																																	
																																OPERATOR'S AFE		OSN-610061																																																																			
																																KELLY BSHG		.33		OP FUEL																																																																	
																																CONTRACTOR'S JOB NUM		742																																																																			
																																TOUR SHEET SERIAL NUM		PREC129_20060308_1B																																																																			
																																VENDOR SOFTWARE VERSION		EDR_3-1-7_HF1 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																																																											
																																		NO. TYPE TYPE		IT38G LOADER		8		8		8																																																											
																																		QUEENHOOK BRANDT		6 HWT DP 101mm 3 1/2 IF																																																																	
																																		SCREENS CHANGED YES NEW USED		2 203mm DC 6 5/8 REG																																																																	
																																		TOP TOP																																																																			
																																		330 255																																																																			
																																		MIDDLE MIDDLE																																																																			
																																		255																																																																			
																																		BOTTOM BOTTOM																																																																			
																																		215																																																																			
NO.																DRILLING ASSEMBLY (AT END OF TOUR)																LENGTH		BIT RECORD																DAY TOUR				MUD RECORD																METRES DRILLED																TIME LOG															
																BIT O.D.																29		BIT NO. 1																MUD TYPE GEL WATER BASED X OIL BASED				FROM TO D-R-C RPM WOB		FROM TO ELAPSED TIME CODE		DETAILS OF OPERATIONS IN SEQUENCE & REMARKS																																											
																TORQUE SUB 160 2.30																SIZE 200		TIME 800 1200 1600				1272 1287 D 100 6		800 815 0.25 7		RIG SERVICE (F/T PIPE RAMS CL 2 SEC / OP 2 SEC)																																																											
																6' DC 153 8.72																IADC CODE				DENSITY (kg/m3) 1050 1050 1050				815 830 0.25 21		SAFETY MEETING (BOP DRILL KICKS WARNINGS)																																																											
																STAB 160 1.65																FUNNEL VISCOSITY 98 98 98				830 930 1.00 2		DRILL ACTUAL 1272m TO 1287m																																																															
																6' DC 152 62.86																FLUID LOSS (cm3)				930 1030 1.00 5		CONDITION MUD & CIRC.																																																															
																X.O. 122 .81																PH 10 10 10				1030 1600 5.50 6		POOH BIT TRIP 15 MIN F/C @ 1287m,1217m,																																																															
																4 3/4 COLLAR 122 56.43																SERIAL NO. 2426				1600																																																																	
																JAR 123 4.99																MUD MATERIALS ADDED				CIRCUATION PRESSURE kPa				PUMP NO. 1 PUMP NO. 2																																																													
																4 3/4 COLLAR 122 55.41																SOLIDS CONTROL				LINER SIZE SPM LINER SIZE SPH																																																																	
																H.W.D.P. 102 57.10																CENTRIFUGE																																																																					
																X.O. 122 .22																GEL 93 SX				REDUCED PUMP SPEED																																																																	
																																HOURS RUN INTAKE DENSITY OVER FLOW DENSITY UNDER FLOW DENSITY				@ 68 @ 1302																																																																	
																																DRISPAC 1 SX				DEVIATION SURVEYS																																																																	
																																CELLOPHANE 10 SX				DEPTH (m) DEVIATION DIRECTION																																																																	
																																SAWDUST 10 SX																																																																					
																																BARITE 20 SX																																																																					
																																BARITE 12 SX																																																																					
																																BOILERS																																																																					
																																1 2																																																																					
																																HRS RUN 8 HRS RUN 0																																																																					
																																BOILER pH 10.5																																																																					

EVENING

[illegible]

1125 PARA ET AL CAMERON J-74

PARAMOUNT RESOURCES LTD. PRECISION DRILLING, DIV OF PLP

J-74 60-10-117-15

NEIL RUNDLE TYLER ELL

1 DAILY WORK ORDER INSPECTION

2 DETAILED INSPECTION - VISUAL (Using Check List)

3 H2S SIGNIFIED IF REQUIRED

4 WELL LINES & RIGS DIAGRAM PLOTTED

5 FLARE LINES STAGED

6 BOP DRILL PERFORMANCE

7 VISUAL INSPECTION OF FLARE LINES & DEPRESSURE LINES

8 RIG SITE HEALTH & SAFETY MEETING (see attachment)

9 CAODC RIG SAFETY INSPECTION CHECKLIST (see attachment)

10 MAINT INSPECTION BEFORE RIGGING OR LOWERING

11 COVER SEWER DEVIATION

12 MAJOR KILLS CHECKED

13 DAILY CHECKS

14 DAILY WORK ORDER INSPECTION

15 DETAILED INSPECTION - VISUAL (Using Check List)

16 H2S SIGNIFIED IF REQUIRED

17 WELL LINES & RIGS DIAGRAM PLOTTED

18 FLARE LINES STAGED

19 BOP DRILL PERFORMANCE

20 VISUAL INSPECTION OF FLARE LINES & DEPRESSURE LINES

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30 WELL LINES & RIGS DIAGRAM PLOTTED

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33 VISUAL INSPECTION OF FLARE LINES & DEPRESSURE LINES

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40 DAILY WORK ORDER INSPECTION

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42 H2S SIGNIFIED IF REQUIRED

43 WELL LINES & RIGS DIAGRAM PLOTTED

44 FLARE LINES STAGED

45 BOP DRILL PERFORMANCE

46 VISUAL INSPECTION OF FLARE LINES & DEPRESSURE LINES

47 RIG SITE HEALTH & SAFETY MEETING (see attachment)

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54 DETAILED INSPECTION - VISUAL (Using Check List)

55 H2S SIGNIFIED IF REQUIRED

56 WELL LINES & RIGS DIAGRAM PLOTTED

57 FLARE LINES STAGED

58 BOP DRILL PERFORMANCE

59 VISUAL INSPECTION OF FLARE LINES & DEPRESSURE LINES

60 RIG SITE HEALTH & SAFETY MEETING (see attachment)

61 CAODC RIG SAFETY INSPECTION CHECKLIST (see attachment)

62 MAINT INSPECTION BEFORE RIGGING OR LOWERING

63 COVER SEWER DEVIATION

64 MAJOR KILLS CHECKED

65 DAILY CHECKS

66 DAILY WORK ORDER INSPECTION

67 DETAILED INSPECTION - VISUAL (Using Check List)

68 H2S SIGNIFIED IF REQUIRED

69 WELL LINES & RIGS DIAGRAM PLOTTED

70 FLARE LINES STAGED

71 BOP DRILL PERFORMANCE

72 VISUAL INSPECTION OF FLARE LINES & DEPRESSURE LINES

73 RIG SITE HEALTH & SAFETY MEETING (see attachment)

74 CAODC RIG SAFETY INSPECTION CHECKLIST (see attachment)

75 MAINT INSPECTION BEFORE RIGGING OR LOWERING

76 COVER SEWER DEVIATION

77 MAJOR KILLS CHECKED

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79 DAILY WORK ORDER INSPECTION

80 DETAILED INSPECTION - VISUAL (Using Check List)

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83 FLARE LINES STAGED

84 BOP DRILL PERFORMANCE

85 VISUAL INSPECTION OF FLARE LINES & DEPRESSURE LINES

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120 H2S SIGNIFIED IF REQUIRED

121 WELL LINES & RIGS DIAGRAM PLOTTED

122 FLARE LINES STAGED

123 BOP DRILL PERFORMANCE

124 VISUAL INSPECTION OF FLARE LINES & DEPRESSURE LINES

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144 DAILY WORK ORDER INSPECTION

145 DETAILED INSPECTION - VISUAL (Using Check List)

146 H2S SIGNIFIED IF REQUIRED

147 WELL LINES & RIGS DIAGRAM PLOTTED

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157 DAILY WORK ORDER INSPECTION

158 DETAILED INSPECTION - VISUAL (Using Check List)

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160 WELL LINES & RIGS DIAGRAM PLOTTED

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167 COVER SEWER DEVIATION

168 MAJOR KILLS CHECKED

169 DAILY CHECKS

170 DAILY WORK ORDER INSPECTION

171 DETAILED INSPECTION - VISUAL (Using Check List)

172 H2S SIGNIFIED IF REQUIRED

173 WELL LINES & RIGS DIAGRAM PLOTTED

174 FLARE LINES STAGED

175 BOP DRILL PERFORMANCE

176 VISUAL INSPECTION OF FLARE LINES & DEPRESSURE LINES

177 RIG SITE HEALTH & SAFETY MEETING (see attachment)

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186 WELL LINES & RIGS DIAGRAM PLOTTED

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194 MAJOR KILLS CHECKED

195 DAILY CHECKS

196 DAILY WORK ORDER INSPECTION

197 DETAILED INSPECTION - VISUAL (Using Check List)

198 H2S SIGNIFIED IF REQUIRED

199 WELL LINES & RIGS DIAGRAM PLOTTED

200 FLARE LINES STAGED

201 BOP DRILL PERFORMANCE

202 VISUAL INSPECTION OF FLARE LINES & DEPRESSURE LINES

203 RIG SITE HEALTH & SAFETY MEETING (see attachment)

204 CAODC RIG SAFETY INSPECTION CHECKLIST (see attachment)

205 MAINT INSPECTION BEFORE RIGGING OR LOWERING

206 COVER SEWER DEVIATION

207 MAJOR KILLS CHECKED

208 DAILY CHECKS

209 DAILY WORK ORDER INSPECTION

210 DETAILED INSPECTION - VISUAL (Using Check List)

211 H2S SIGNIFIED IF REQUIRED

212 WELL LINES & RIGS DIAGRAM PLOTTED

213 FLARE LINES STAGED

214 BOP DRILL PERFORMANCE

215 VISUAL INSPECTION OF FLARE LINES & DEPRESSURE LINES

216 RIG SITE HEALTH & SAFETY MEETING (see attachment)

217 CAODC RIG SAFETY INSPECTION CHECKLIST (see attachment)

218 MAINT INSPECTION BEFORE RIGGING OR LOWERING

219 COVER SEWER DEVIATION

220 MAJOR KILLS CHECKED

221 DAILY CHECKS

222 DAILY WORK ORDER INSPECTION

223 DETAILED INSPECTION - VISUAL (Using Check List)

224 H2S SIGNIFIED IF REQUIRED

225 WELL LINES & RIGS DIAGRAM PLOTTED

226 FLARE LINES STAGED

227 BOP DRILL PERFORMANCE

228 VISUAL INSPECTION OF FLARE LINES & DEPRESSURE LINES

229 RIG SITE HEALTH & SAFETY MEETING (see attachment)

230 CAODC RIG SAFETY

[illegible]

DAY

[illegible]

[illegible]

1125 PARA ET AL CAMERON J-74

CONTRACTOR NAME: PRECISION DRILLING, DIV OF PLP

UNIQUE ID: 300J746010117150

TYLER ELL

DRILLING CREW PAYROLL DATA

WELL NAME & NO: PARA ET AL CAMERON J-74

OPERATOR: PARAMOUNT RESOURCES LTD.

RIG NO: 129

PROVINCE: N.W.T.

CAMP: X

YES

NO

RIG SAFETY DAYS: 45

DATE: 2006/02/28

TIME: 16:30

WELL TYPE: VERT

RE-ENTRY: NO

OPERATOR'S A/E: ODN-610061

KELLY BSHG: 33

OR FUEL: 742

CONTRACTOR'S JOB NO: 742

TOUR SHEET SERIAL NO: PREC129_20060310_1B

VENDOR SOFTWARE VERSION: EDR 3-1-7 HF1 ETS 2.2

DRILLING CREW PAYROLL DATA

WELL NAME & NO: PARA ET AL CAMERON J-74

OPERATOR: PARAMOUNT RESOURCES LTD.

RIG NO: 129

PROVINCE: N.W.T.

CAMP: X

YES

NO

RIG SAFETY DAYS: 45

DATE: 2006/02/28

TIME: 16:30

WELL TYPE: VERT

RE-ENTRY: NO

OPERATOR'S A/E: ODN-610061

KELLY BSHG: 33

OR FUEL: 742

CONTRACTOR'S JOB NO: 742

TOUR SHEET SERIAL NO: PREC129_20060310_1B

VENDOR SOFTWARE VERSION: EDR 3-1-7 HF1 ETS 2.2

[illegible]

DAY

[illegible]

EVENING

[illegible]

Drilling log form for Para Et Al Cameron J-74, detailing operations, mud records, and crew safety.

MORNING

LICENCE NO.	WELL NAME & NO.																																				
1125	PARA ET AL CAMERON J-74																																				
OPERATOR						CONTRACTOR NAME																															
PARAMOUNT RESOURCES LTD.						PRECISION DRILLING, DIV OF PLP																															
SURFACE LOCATION						UNIQUE ID																															
J-74 60-10-117-15						300J746010117150																															
SIGNATURE OF OPERATOR'S REPRESENTATIVE						SIGNATURE OF CONTRACTOR'S RIG MANAGER																															
Neil Rundell						TYLER ELL																															
DAILY CHECKS	OPR. R.M.	N.R.	T.E.	RIG NO.	FUEL @ 08:00 HRS	RIG	BOILER	TEMPERATURE	CURRENT CONDITIONS	DC / DP	DC / DP SIZE	MASS	GRADE	MINIMUM I.D.	T. INT. O.D.	TYPE THREAD	NO. OF JOINTS	PUMP TYPE	PUMP MANUFACTURER	STROKE LENGTH																	
(1.) Daily Walk Around Inspection				129		8000	1300	-22	WINDY	DC	152	122	STD	58	150	4"H-90	8	F-800	EMSCO	229																	
(2.) Detailed Inspection - Weekly (Using Check List)								WIND DIRECTION	DC	121	69.5			57	123	3 1/2 IF	18																				
(3.) H2S Signs Posted if Required								NORTH ROAD CONDITION	DP	101	20.8	E	66	127	4" FH	174																					
(4.) Well Licence & Stick Diagram Posted								ICE																													
(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																																					
YEAR MONTH DAY	2006	3	11			O.D. (mm)	M.I.D. (mm)	MASS (kg/m ³)	MAKE		GRADE	NO. OF JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPOD DATE	2006/02/28	TIME	16:30																		
																RIG RELEASE					RE-ENTRY	NO															
																VERT. WELL TYPE					OP FUEL																
																OPERATOR'S AFE	O5N-610061																				
																KELLY BSHG	.33			OP FUEL																	
																CONTRACTOR'S JOB NUM	742																				
																TOUR SHEET SERIAL NUM	PREC129_20060311_ID																				
																VENDOR SOFTWARE VERSION	EDR_3-1-7_HF1 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	WIREFLINE LOGS	RUN CS& & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIRL WORK	SAFETY MEETING																
TIME - HRS	MORN					1.25					6.5										0.25					8.00	IT38G LOADER		8	8	8						
	DAY				1.75	4.75	0.25		1.0												0.25					8.00	6 HWT DP 101mm 3 1/2 IF										
	EVE					2.25	0.25					5.25									0.25					8.00	2 203mm DC 6 5/8 REG										
	TOTAL				1.75	8.25	0.50		1.00			6.50	5.25								0.75					24.00											
NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD					MORNING TOUR			MUD RECORD				METRES DRILLED				TIME LOG																	
1	BITS	O.D.	.29	BIT NO.	2					MUD TYPE	GEL	WATER BASED	X	OIL BASED		FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS												
1	TORQUE SUB	160	2.30	SIZE	200					TIME	200				400	600						0	630	6.50	11	WIRE LINE LOGS WITH PRECISION WIRE LINE											
0	6' DC	153	8.72	IADC CODE					DENSITY (kg/m³)	1080				1080	1080						630	745	1.25	6	RIH WITH BHA F/C @0m,435m,												
1	STAB	160	1.65	MANUFACTURER	RERUN					FUNNEL VISCOSITY	106				105	107																					

DAY

PERMIT NO.						WELL NAME & NO.						DAILY CHECKS								YEAR		MONTH		DAY		LAST CASING TUBING OR LINER		O.D. (mm)	MIN I.D. (mm)	MASS (kg/m ³)	MAKE		GRADE	NO. of JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPUD DATE	TIME							
1125						PARA ET AL CAMERON J-74						(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								2006		3		11				219.1	205.66	35.71	IPSCO		J-55	33	435.56	3.94	435	2006/02/28	16:30							
OPERATOR						CONTRACTOR NAME						RIG NO. 129								FUEL @ 08:00 HRS		RIG		BOILER												RIG RELEASE	TIME									
PARAMOUNT RESOURCES LTD.						PRECISION DRILLING, DIV OF PLP						8000								1300																WELL TYPE	RE-ENTRY									
SURFACE LOCATION						UNIQUE ID						TEMPERATURE								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	O5N-610061	
J-74 60-10-117-15						300J746010117150						WINDY								WIND DIRECTION		DC		152		122		STD		58		150		4"H-90 8		F-800		EMSCO		229		KELLY BSHG	OP FUEL			
SIGNATURE OF OPERATOR'S REPRESENTATIVE						SIGNATURE OF CONTRACTOR'S RIG MANAGER						NORTH ROAD CONDITION								ICE		DP		101		20.8		E		66		127		4" FH 174						CONTRACTOR'S JOB NUM	742					
Neil Rundell						TYLER ELL																																TOUR SHEET SERIAL NUM	PREC129_20060311_ID							
VENDOR SOFTWARE VERSION						EDR_3-1-7_HF1 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	IT38G LOADER			8	8	8									
MORN							1.25					6.5										0.25						8.00	SCREENS CHANGED	NO	NEW USED	6 HWT DP 101mm 3 1/2 IF														
DAY						1.75	4.75	0.25		1.0												0.25						8.00	TOP	TOP	2 203mm DC 6 5/8 REG															
EVE							2.25	0.25					5.25									0.25						8.00	MIDDLE	MIDDLE																
TOTAL						1.75	8.25	0.50		1.00		6.50	5.25									0.75						24.00	BOTTOM	BOTTOM																
NO.	DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH	BIT RECORD				DAY TOUR		MUD RECORD				METRES DRILLED				TIME LOG																												
1	BIT		O.D.	.29	BIT NO.		2		MUD TYPE		GEL	WATER BASED		X	OIL BASED			FROM	TO	D-R-C	RPM	WOB	FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATIONS IN SEQUENCE & REMARKS																			
1	TORQUE SUB		160	2.30	SIZE				TIME		800		1200		1600		0						800	815	0.25	7	RIG SERVICE (F/T PIPE RAMS CL 2 SEC / OP 2 SEC)																			
0	6' DC		153	8.72	IADC CODE				DENSITY (kg/m3)		1080		1070		1070								815	830	0.25	21	SAFETY MEETING (TRIPPING)																			
1	STAB		160	1.65	MANUFACTURER				FUNNEL VISCOSITY		100		63		60								830	930	1.00	9	CUT OFF DRILL LINE (20.4)																			
7	6' DC		152	62.86	FLUID LOSS (cm3)		7.5		8		8												930	1130	2.00	6	RIH 15 MIN F/C @ 0m,280m, 732m,1465m																			
1	X.O.		122	.81	PH		10.5		10		10												1130	1315	1.75	5	CONDITION MUD & CIRC.																			

EVENING

[illegible]

LICENCE NO. 1125		WELL NAME & NO. PARA ET AL CAMERON J-74		CONTRACTOR NAME PRECISION DRILLING, DIV OF PLP		UNIQUE ID 300J746010117150		SIGNATURE OF CONTRACTOR'S RIG MANAGER TYLER ELL		SIGNATURE OF OPERATOR'S REPRESENTATIVE Neil Rundell		DAILY CHECKS (1) Daily Well Around Inspection (2) Outlets Inspection - Weekly (Using Check List) (3) J-Box Signs Posted (If Required) (4) Well Licence & Back Diagram Posted (5) Flow Lines Checked (6) BOP Check Performed (7) Visually Inspect BOP+ Flow Lines & Degasser Lines (8) Rig Site Health & Safety Meeting (once a week) (9) CAODC Rig Safety Inspection Checklist (once a month) (10) Mast Inspection before Raising or Lowering (11) Crown Saver Checked (12) Motor Ribs Checked		YEAR 2006 MONTH 3 DAY 12 LAST CASING TUBING OR LINER RIG NO. 129 PUMP NO. 4800 TEMPERATURE CURRENT CONDITIONS WIND DIRECTION WIND SPEED WAVE CONDITION ICE		OD (mm) 219.1 139.7 125.73 23.07 IPSCO J-55 J55 110 1465.73 3.94 1465		IRV (mm) 205.66 125.73 23.07 IPSCO J-55 J55 110 1465.73 3.94 1465		MASS (kg/m) 35.71 1800 1800 IPSCO J-55 J55 110 1465.73 3.94 1465		GRADE J-55 J55 110 1465.73 3.94 1465		NO. OF JOINTS 33 110 1465.73 3.94 1465		TOTAL LENGTH 435 1465.73 3.94 1465		SET AT (m) 435 1465.73 3.94 1465		RIG DATE 2006/02/28 TIME 16:30		RIG RELEASE 2006/03/12 TIME 11:00		WELL TYPE VERT. RE-ENTRY NO		OPERATOR'S SITE OSN-610061		KELLY BUSH 33 OF PUMP 742		CONTRACTOR'S JOB NO. 742		TOUR SHEET SERIAL NO. PREC129_20060312_1B		VENDOR SOFTWARE VERSION EDR-3-1-7 HF1 ETS 2.2		CAODC PASON DATAHUB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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		NO. 1		NO. 2		NO. 3		NO. 4		NO. 5		NO. 6		NO. 7		NO. 8		NO. 9		NO. 10		NO. 11		NO. 12		NO. 13		NO. 14		NO. 15		NO. 16		NO. 17		NO. 18		NO. 19		NO. 20		NO. 21		NO. 22		NO. 23		NO. 24		NO. 25		NO. 26		NO. 27		NO. 28		NO. 29		NO. 30		NO. 31		NO. 32		NO. 33		NO. 34		NO. 35		NO. 36		NO. 37		NO. 38		NO. 39		NO. 40		NO. 41		NO. 42		NO. 43		NO. 44		NO. 45		NO. 46		NO. 47		NO. 48		NO. 49		NO. 50		NO. 51		NO. 52		NO. 53		NO. 54		NO. 55		NO. 56		NO. 57		NO. 58		NO. 59		NO. 60		NO. 61		NO. 62		NO. 63		NO. 64		NO. 65		NO. 66		NO. 67		NO. 68		NO. 69		NO. 70		NO. 71		NO. 72		NO. 73		NO. 74		NO. 75		NO. 76		NO. 77		NO. 78		NO. 79		NO. 80		NO. 81		NO. 82		NO. 83		NO. 84		NO. 85		NO. 86		NO. 87		NO. 88		NO. 89		NO. 90		NO. 91		NO. 92		NO. 93		NO. 94		NO. 95		NO. 96		NO. 97		NO. 98		NO. 99		NO. 100		NO. 101		NO. 102		NO. 103		NO. 104		NO. 105		NO. 106		NO. 107		NO. 108		NO. 109		NO. 110		NO. 111		NO. 112		NO. 113		NO. 114		NO. 115		NO. 116		NO. 117		NO. 118		NO. 119		NO. 120		NO. 121		NO. 122		NO. 123		NO. 124		NO. 125		NO. 126		NO. 127		NO. 128		NO. 129		NO. 130		NO. 131		NO. 132		NO. 133		NO. 134		NO. 135		NO. 136		NO. 137		NO. 138		NO. 139		NO. 140		NO. 141		NO. 142		NO. 143		NO. 144		NO. 145		NO. 146		NO. 147		NO. 148		NO. 149		NO. 150		NO. 151		NO. 152		NO. 153		NO. 154		NO. 155		NO. 156		NO. 157		NO. 158		NO. 159		NO. 160		NO. 161		NO. 162		NO. 163		NO. 164		NO. 165		NO. 166		NO. 167		NO. 168		NO. 169		NO. 170		NO. 171		NO. 172		NO. 173		NO. 174		NO. 175		NO. 176		NO. 177		NO. 178		NO. 179		NO. 180		NO. 181		NO. 182		NO. 183		NO. 184		NO. 185		NO. 186		NO. 187		NO. 188		NO. 189		NO. 190		NO. 191		NO. 192		NO. 193		NO. 194		NO. 195		NO. 196		NO. 197		NO. 198		NO. 199		NO. 200		NO. 201		NO. 202		NO. 203		NO. 204		NO. 205		NO. 206		NO. 207		NO. 208		NO. 209		NO. 210		NO. 211		NO. 212		NO. 213		NO. 214		NO. 215		NO. 216		NO. 217		NO. 218		NO. 219		NO. 220		NO. 221		NO. 222		NO. 223		NO. 224		NO. 225		NO. 226		NO. 227		NO. 228		NO. 229		NO. 230		NO. 231		NO. 232		NO. 233		NO. 234		NO. 235		NO. 236		NO. 237		NO. 238		NO. 239		NO. 240		NO. 241		NO. 242		NO. 243		NO. 244		NO. 245		NO. 246		NO. 247		NO. 248		NO. 249		NO. 250		NO. 251		NO. 252		NO. 253		NO. 254		NO. 255		NO. 256		NO. 257		NO. 258		NO. 259		NO. 260		NO. 261		NO. 262		NO. 263		NO. 264		NO. 265		NO. 266		NO. 267		NO. 268		NO. 269		NO. 270		NO. 271		NO. 272		NO. 273		NO. 274		NO. 275		NO. 276		NO. 277		NO. 278		NO. 279		NO. 280		NO. 281		NO. 282		NO. 283		NO. 284		NO. 285		NO. 286		NO. 287		NO. 288		NO. 289		NO. 290		NO. 291		NO. 292		NO. 293		NO. 294		NO. 295		NO. 296		NO. 297		NO. 298		NO. 299		NO. 300		NO. 301		NO. 302		NO. 303		NO. 304		NO. 305		NO. 306		NO. 307		NO. 308		NO. 309		NO. 310		NO. 311		NO. 312		NO. 313		NO. 314		NO. 315		NO. 316		NO. 317		NO. 318		NO. 319		NO. 320		NO. 321		NO. 322		NO. 323		NO. 324		NO. 325		NO. 326		NO. 327		NO. 328		NO. 329		NO. 330		NO. 331		NO. 332		NO. 333		NO. 334		NO. 335		NO. 336		NO. 337		NO. 338		NO. 339		NO. 340		NO. 341		NO. 342		NO. 343		NO. 344		NO. 345		NO. 346		NO. 347		NO. 348		NO. 349		NO. 350		NO. 351		NO. 352		NO. 353		NO. 354		NO. 355		NO. 356		NO. 357		NO. 358		NO. 359		NO. 360		NO. 361		NO. 362		NO. 363		NO. 364		NO. 365		NO. 366		NO. 367		NO. 368		NO. 369		NO. 370		NO. 371		NO. 372		NO. 373		NO. 374		NO. 375		NO. 376		NO. 377		NO. 378		NO. 379		NO. 380		NO. 381		NO. 382		NO. 383		NO. 384		NO. 385		NO. 386		NO. 387		NO. 388		NO. 389		NO. 390		NO. 391		NO. 392		NO. 393		NO. 394		NO. 395		NO. 396		NO. 397		NO. 398		NO. 399		NO. 400		NO. 401		NO. 402		NO. 403		NO. 404		NO. 405		NO. 406		NO. 407		NO. 408		NO. 409		NO. 410		NO. 411		NO. 412		NO. 413		NO. 414		NO. 415		NO. 416		NO. 417		NO. 418		NO. 419		NO. 420		NO. 421		NO. 422		NO. 423		NO. 424		NO. 425		NO. 426		NO. 427		NO. 428		NO. 429		NO. 430		NO. 431		NO. 432		NO. 433		NO. 434		NO. 435		NO. 436		NO. 437		NO. 438		NO. 439		NO. 440		NO. 441		NO. 442		NO. 443		NO. 444		NO. 445		NO. 446		NO. 447		NO. 448		NO. 449		NO. 450		NO. 451		NO. 452		NO. 453		NO. 454		NO. 455		NO. 456		NO. 457		NO. 458		NO. 459		NO. 460		NO. 461		NO. 462		NO. 463		NO. 464		NO. 465		NO. 466		NO. 467		NO. 468		NO. 469		NO. 470		NO. 471		NO. 472		NO. 473		NO. 474		NO. 475		NO. 476		NO. 477		NO. 478		NO. 479		NO. 480		NO. 481		NO. 482		NO. 483		NO. 484		NO. 485		NO. 486		NO. 487		NO. 488		NO. 489		NO. 490		NO. 491		NO. 492		NO. 493		NO. 494		NO. 495		NO. 496		NO. 497		NO. 498		NO. 499		NO. 500		NO. 501		NO. 502		NO. 503		NO. 504		NO. 505		NO. 506		NO. 507		NO. 508		NO. 509		NO. 510		NO. 511		NO. 512		NO. 513		NO. 514		NO. 515		NO. 516		NO. 517		NO. 518		NO. 519		NO. 520		NO. 521		NO. 522		NO. 523		NO. 524		NO. 525		NO. 526		NO. 527		NO. 528		NO. 529		NO. 530		NO. 531		NO. 532		NO. 533		NO. 534		NO. 535		NO. 536		NO. 537		NO. 538		NO. 539		NO. 540		NO. 541		NO. 542		NO. 543		NO. 544		NO. 545		NO. 546		NO. 547		NO. 548		NO. 549		NO. 550		NO. 551		NO. 552		NO. 553		NO. 554		NO. 555		NO. 556		NO. 557		NO. 558		NO. 559		NO. 560		NO. 561		NO. 562		NO. 563		NO. 564		NO. 565		NO. 566		NO. 567		NO. 568		NO. 569		NO. 570		NO. 571		NO. 572		NO. 573		NO. 574		NO. 575		NO. 576		NO. 577		NO. 578		NO. 579		NO. 580		NO. 581		NO. 582		NO. 583		NO. 584		NO. 585		NO. 586		NO. 587		NO. 588		NO. 589		NO. 590		NO. 591		NO. 592		NO. 593		NO. 594		NO. 595		NO. 596		NO. 597		NO. 598		NO. 599		NO. 600		NO. 601		NO. 602		NO. 603		NO. 604		NO. 605		NO. 606		NO. 607		NO. 608		NO. 609		NO. 610		NO. 611		NO. 612		NO. 613		NO. 614		NO. 615		NO. 616		NO. 617		NO. 618		NO. 619		NO. 620		NO. 621		NO. 622		NO. 623		NO. 624		NO. 625		NO. 626		NO. 627		NO. 628		NO. 629		NO. 630		NO. 631		NO. 632		NO. 633		NO. 634		NO. 635		NO. 636		NO. 637		NO. 638		NO. 639		NO. 640		NO. 641		NO. 642		NO. 643		NO. 644		NO. 645		NO. 646		NO. 647		NO. 648		NO. 649		NO. 650		NO. 651		NO. 652		NO. 653		NO. 654		NO. 655		NO. 656		NO. 657		NO. 658		NO. 659		NO. 660		NO. 661		NO. 662		NO. 663		NO. 664		NO. 665		NO. 666		NO. 667		NO. 668		NO. 669		NO. 670		NO. 671		NO. 672		NO. 673		NO. 674		NO. 675		NO. 676		NO. 677		NO. 678		NO. 679		NO. 680		NO. 681		NO. 682		NO. 683		NO. 684		NO. 685		NO. 686		NO. 687		NO. 688		NO. 689		NO. 690		NO. 691		NO. 692		NO. 693		NO. 694		NO. 695		NO. 696		NO. 697		NO. 698		NO. 699		NO. 700		NO. 701		NO. 702		NO. 703		NO. 704		NO. 705		NO. 706		NO. 707		NO. 708		NO. 709		NO. 710		NO. 711		NO. 712		NO. 713		NO. 714		NO. 715		NO. 716		NO. 717		NO. 718		NO. 719		NO. 720		NO. 721		NO. 722		NO. 723		NO. 724		NO. 725		NO. 726		NO. 727		NO. 728		NO. 729		NO. 730		NO. 731		NO. 732		NO. 733		NO. 734		NO. 735		NO. 736		NO. 737		NO. 738		NO. 739		NO. 740		NO. 741		NO. 742		NO. 743		NO. 744		NO. 745		NO. 746		NO. 747		NO. 748		NO. 749		NO. 750		NO. 751		NO. 752		NO. 753		NO. 754		NO. 755		NO. 756		NO. 757		NO. 758		NO. 759		NO. 760		NO. 761		NO. 762		NO. 763		NO. 764		NO. 765		NO. 766		NO. 767		NO. 768		NO. 769		NO. 770		NO. 771		NO. 772		NO. 773		NO. 774		NO. 775		NO. 776		NO. 777		NO. 778		NO. 779		NO. 780		NO. 781		NO. 782		NO. 783		NO. 784		NO. 785		NO. 786		NO. 787		NO. 788		NO. 789		NO. 790		NO. 791		NO. 792		NO. 793		NO. 794		NO. 795	

MORNING

[illegible]

DAY

[illegible]

EVENING

[illegible]