

MORNING

LICENCE NO.

WELL NAME & NO.

Para et al Cameron J-04

OPERATOR

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION

UNIQUE ID

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S RIG MANAGER

Neil RundellTYLER ELL

DAILY CHECKS

OPR

R

M

NR

TE

NR

TE

NR

TE

NR

TE

NR

TE

NR

TE

(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/crawl/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

24

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

TIME

RIG RELEASE

TIME

WELL TYPE

VERT.

RE-ENTRY

NO

OPERATOR'S SAFE

KELLY BSHG

33

OP FUEL

CONTRACTOR'S JOB NUM

TOUR SHEET SERIAL NUM

PREC129_20070124_2B

VENDOR SOFTWARE VERSION

EDR_3-24 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																
TIME OF DAY	MORN																				0.25	7.75					8.00	NO. 1	TYPE BRANDT	TYPE	IT38 LOADER						
	DAY																				0.25	11.75					12.00	SCREENS CHANGED	YES	NEW/ USED	USED	CREW VEHICLE					
	EVE																				0.25	3.75					4.00	TOP		TOP							
																												MIDDLE		MIDDLE							
	TOTAL																					0.75	23.25					24.00	215	BOTTOM	BOTTOM						

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

MORNING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

BIT

O.D.

BIT NO.

SIZE

IADC CODE

MANUFACTURER

TYPE

SERIAL NO.

JETS

DEPTH OUT (m)

DEPTH IN (m)

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

TI

Te

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/Hr

D.P.

STANDS

D.P.

SINGLES

KELLY DOWN

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (m)

MUD TYPE

WATER BASED

X

OIL BASED

TIME

DENSITY (kg/m3)

FUNNEL VISCOSITY

FLUID LOSS (cm3)

pH

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

HOURS RUN

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

BOILERS

1

2

HRS RUN

4

HRS RUN

0

BOILER pH

12

BOILER pH

STACK TEMP

375

STACK TEMP

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

0000

15

0.25

21

SAFETY MEETING

15

800

7.75

22

PREP RIG FOR THURSDAYS MORNING MOVE

REDUCED PUMP SPEED

@

@

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

NOTES

CHECK WELL HEAD

DRILLER SIGNATURE

DEAN PODOLSKI

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

BOILER SAFETY

EVENING

LICENCE 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				TIME																	
		Para et al Cameron J-04												(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/crow/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										NR		TE		RIG NO.		129		FUEL @ 08:00 HRS		219.1		205.9		35.72		IPSCO		J55		27		353.36		3.97		353		RIG RELEASE				TIME																	
OPERATOR				CONTRACTOR NAME										PRECISION DRILLING, DIV OF PDC										NR		TE		RIG		4000		BOILER		1400														WELL TYPE		VERT.		RE-ENTRY		NO																			
SURFACE LOCATION				UNIQUE ID																				WEATHER																				OPERATOR'S SAFE																													
SIGNATURE OF OPERATOR'S REPRESENTATIVE				SIGNATURE OF CONTRACTOR'S RIG MANAGER										TYLER ELL										TEMPERATURE																						KELLY BSHG		.33		OP FUEL																							
Neil Rundell																								-17		CURRENT CONDITIONS		DC/ DP		DC / DP SIZE		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH		CONTRACTOR'S JOB NUM		PREC129_20070124_2B																					
																								LIGHT BREEZE		DC		152		122		STD		58		150		4" H90 4		BPMMP		EMSCO		229		TOUR SHEET SERIAL NUM		EDR 3-2-4 ETS 2.2																									
																								S.W. ROAD CONDITION		DC		121		69.5				57		123		3" 1/2 IF16		F-800																																	
																								ICE		DP		101		21.4		E		66		127		4" FH 154																																			
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		IT38 LOADER											
MORN																																																						8.00		SCREENS CHANGED		YES		NEW USED		USED		CREW VEHICLE									
DAY																																																						12.00		TOP		TOP															
EVE																																																				4.00		MIDDLE		MIDDLE																	
TOTAL																																																				24.00		BOTTOM		BOTTOM																	
NO.		DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH		BIT RECORD								EVENING TOUR				MUD RECORD				METRES DRILLED				TIME LOG																																															
		BIT		O.D.		BIT NO.								MUD TYPE				WATER BASED				OIL BASED				FROM				TO				D-R-C				RPM				WOB				FROM				TO				ELAPSED TIME				CODE				DETAILS OF OPERATIONS IN SEQUENCE & REMARKS											
						SIZE																																																																			

MORNING

[illegible]

DAY

LICENCE NO.		WELL NAME & NO.												DAILY CHECKS										OPR	R/M	YEAR	MONTH	DAY	LAST CASING TUBING OR LINER	O.D. (m.m.)	MIN I.D. (mm)	MASS (kg/m3)	MAKE	GRADE	NO. of JOINTS	TOTAL LENGTH	KB TO CSG HEAD	SET AT (m)	SPUD DATE	TIME																			
1159		Para Et Al Cameron J-04																						NR	TE	2007	1	25		219.1	205.9	35.72	IPSCO	J55	27	353.36	3.97	353																					
OPERATOR				CONTRACTOR NAME																				NR	TE	RIG NO.	129	FUEL @ 08:00 HRS													RIG RELEASE																		
PARAMOUNT RESOURCES LTD.				PRECISION DRILLING, DIV OF PDC																				NR	TE	RIG	4000	BOILER	1400													WELL TYPE	VERT.		RE-ENTRY	NO													
SURFACE LOCATION				UNIQUE ID																				NR	TE	TEMPERATURE															OPERATOR'S SAFE	07N710028																	
60:03:31.30 N 117:30:47.80 W				100/60 3 31.3 N--117 30 47.8 W																				NR	TE	CURRENT CONDITIONS	DC/ DP	DC / DP SIZE																KELLY BSHG	.33		OP. FUEL												
SIGNATURE OF OPERATOR'S REPRESENTATIVE				SIGNATURE OF CONTRACTOR'S RIG MANAGER																				NR	TE	WIND CHILL	DC	152	122	STD	58	150	4"	H90	4	BPMMP	EMSCO		229				CONTRACTOR'S JOB NUM	749															
Neil Rundell				TYLER ELL																				NR	TE	WIND DIRECTION	DC	121	69.5		57	123	3"	1/2 IF16	F-800									TOUR SHEET SERIAL NUM	PREC129_20070125_1B														
																								NR	TE	S.W	DC	101	21.4	E	66	127	4"	FH	154									VENDOR SOFTWARE VERSION	EDR_3-24 ETS 2.2														
																								NR	TE	ROAD CONDITION	DP	101	21.4	E	66	127	4"	FH	154																								
																								NR	TE	ICE	DP	101	21.4	E	66	127	4"	FH	154																								
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	DIRL WORK	SAFETY MEETING													
																										MORN																				0.25	7.75							8.00					
																										DAY																				0.5	11.5							12.00					
																										EVE	2.75																			1.25													

EVENING

LICENCE NO.		WELL NAME & NO.												DAILY CHECKS										YEAR		MONTH		DAY		LAST CASING TUBING OR LINER		O.D. (mm)		MIN I.D. (mm)		MASS (kg/m3)		MAKE		GRADE		NO. of JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)		SPUD DATE		TIME			
1159		Para Et Al Cameron J-04												(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										2007		1		25				219.1		205.9		35.72		IPSCO		J55		27		353.36		3.97		353		RIG RELEASE		TIME			
OPERATOR				CONTRACTOR NAME																				RIG NO.		129		FUEL @ 08:00 HRS		139.7		127.3		20.83		IPSCO		J55		110		1469.48		3.97		1469.30		WELL TYPE		VERT.		RE-ENTRY		NO	
PARAMOUNT RESOURCES LTD.				PRECISION DRILLING, DIV OF PDC																				RIG		4000		BOILER		1400														OPERATOR'S SAFE		07N710028									
SURFACE LOCATION				UNIQUE ID																				TEMPERATURE																				KELLY BSHG		.33		OP FUEL							
60:03:31.30 N 117:30:47.80 W				100/60 3 31.3 N--117 30 47.8 W																				-30 CURRENT CONDITIONS		DC/ DP		DC/ DP SIZE		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH		CONTRACTOR'S JOB NUM		749					
SIGNATURE OF OPERATOR'S REPRESENTATIVE				SIGNATURE OF CONTRACTOR'S RIG MANAGER																				WIND CHILL		DC		152		122		STD		58		150		4" H90		4		BPMMP		EMSCO		229		TOUR SHEET SERIAL NUM		PREC129_20070125_1B					
Neil Rundell				TYLER ELL																				WIND DIRECTION		DC		121		69.5				57		123		3" 1/2 IF16		F-800						VENDOR SOFTWARE VERSION		EDR_3-2-4 ETS 2.2							
(3.) Mast Inspection before Raising or Lowering																								S.W. ROAD CONDITION		DC		101		21.4		E		66		127		4" FH		154															
(4.) Crown Saver Checked																								ICE		DP		101		21.4		E		66		127		4" FH		154															
(5.) Motor Kills Checked																																																							

MORNING

[illegible]

EVENING

[illegible]

[illegible]

EVENING

[illegible]

MORNING

[illegible]

DAY

[illegible]

EVENING

[illegible]

MORNING

[illegible]

DAY

[illegible]

EVENING

[illegible]

MORNING

[illegible]

DAY

[illegible]

EVENING

[illegible]

MORNING

[illegible]

DAY

LICENCE NO.	WELL NAME & NO.	DAILY CHECKS	OPR./M. NR	YEAR 2007	MONTH 1	DAY 31	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																						
1159	Para Et Al Cameron J-04	(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	NR	RIG NO. 129	FUEL @ 08:00 HRS	LAST CASING TUBING OR LINER	219.1	205.9	35.72	IPSCO	J55	32	431.11	4	430	2007/01/26	16:15																						
OPERATOR	CONTRACTOR NAME	(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	NR	RIG	BOILER											RIG RELEASE	TIME																						
PARAMOUNT RESOURCES LTD.	PRECISION DRILLING, DIV OF PDC		NR	TEMPERATURE												WELL TYPE	RE-ENTRY																						
SURFACE LOCATION	UNIQUE ID		NR	-14 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 SAFE																							
60:03:31.30 N 117:30:47.80 W	100/60 3 31.3 N--117 30 47.8 W		TE	WINDY	DC	152	122	STD	58	150	4" H90	4	BPMMP	EMSCO	229	KELLY BSHG	.33																						
SIGNATURE OF OPERATOR'S REPRESENTATIVE	SIGNATURE OF CONTRACTOR'S RIG MANAGER		TE	ROAD CONDITION	DC	121	89.5		57	123	3" 1/2 IF16		F-800			CONTRACTOR'S JOB NUM	749																						
Neil Rundell	TYLER ELL		TE	ICE	DP	101	21.4	E	66	127	4" FH	154				TOUR SHEET SERIAL NUM	PREC129_20070131_1B																						
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	REAMNG	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		KELLY																
MORN														1.25	4.0						0.25	2.5					8.00	NO. 1 BRANDT	IT38 LOADER										
DAY							0.25		1.0						1.75	6.25					0.25		2.5				12.00	SCREENS CHANGED TOP	NEW/ USED TOP	CREW VEHICLE									
EVE		1.25			0.25	2.0															0.5						4.00	MIDDLE	MIDDLE										
TOTAL		1.25			0.25	2.00	0.25		1.00					1.25	5.75	6.25					1.00	2.50	2.50			24.00	89	BOTTOM	BOTTOM										
NO.	DRILLING ASSEMBLY (AT END OF TOUR)	LENGTH	BIT RECORD				DAY TOUR		MUD RECORD				METRES DRILLED				TIME LOG																						
1	BIT	O.D.	.28	BIT NO.		3		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	156	2.80	SIZE		200		TIME								800	945	1.75	14	NIPPLE UP B.O.P.																			
4	6" DC	152	36.09	IADC CODE				DENSITY (kg/m3)								945	1600	6.25	15	TEST B.O.P. WITH RAINBOW PRESSURE TESTERS																			
1	X.O.	151	.64	MANUFACTURER		VAREL		FUNNEL VISCOSITY								1600	1615	0.25	21	SAFETY MEETING SLIP AND CUT																			
4	4 3/4 COLLAR	121	37.47	TYPE		MKS65		FLUID LOSS (cm3)								1615	1715	1.00	9	CUT OFF DRILLING LINE 10.20m)																			
1	JAR	122	4.92	SERIAL NO		Z399B		pH								1715	1730	0.25	7	RIG SERVICE DRAWWORKS																			
12	4 3/4 COLLAR	121	111.82	JETS		5X 11.1		MUD MATERIALS ADDED				SOLIDS CONTROL		CIRCULATION PRESSURE KPa		PUMP NO. 1		PUMP NO. 2																					
8	H.W.D.P.	102	57.14	DEPTH OUT (m)				PRODUCT		AMOUNT		UNIT		CENTRIFUGE		LINER SIZE		SPM		LINER SIZE		SPM																	
1	X.O.	102	.26	DEPTH IN (m)		430		HOURS RUN		INTAKE DENSITY (kg/m3)		OVER FLOW DENSITY		UNDER FLOW DENSITY		REDUCED PUMP SPEED		@		@																			
				TOTAL DRILLED (m)				HOURS RUN		INTAKE DENSITY																													

EVENING

[illegible]

MORNING

LICENCE 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/m ³)		MAKE		GRADE		NO. of JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)		SPUD DATE		2007/01/26		TIME		16:15	
1159		Para Et Al Cameron J-04		(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										NR		129		FUEL @ 08:00 HRS		219.1		205.9		35.72		IPSCO		J55		32		431.11		4		430		RIG RELEASE				TIME							
OPERATOR		CONTRACTOR NAME		(1.) Rig Site Health & Safety Meeting (one/crew/month) (2.) CAODC Rig Safety Inspection Checklist (one/rig/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Kills Checked										NR		12000		2500																		OPERATOR'S SAFE		07N710028											
PARAMOUNT RESOURCES LTD.		PRECISION DRILLING, DIV OF PDC		UNIQUE ID										NR		12000		2500																		KELLY BSHG		.33		OP FUEL									
SURFACE LOCATION		UNIQUE ID		60:03:31.30 N 117:30:47.80 W										100/60 3 31.3 N--117 30 47.8 W																				CONTRACTOR'S JOB NUM		749													
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER		Neil Rundell										TYLER ELL																				TOUR SHEET SERIAL NUM		PREC129_20070201_1C													
																																		VENDOR SOFTWARE VERSION		EDR_3-2-4 ETS 2.2													

DAY

[illegible]

EVENING

[illegible]

[illegible]

DAY

[illegible]

[illegible]

MORNING

LICENCE NO.

1159

WELL NAME & NO.

Para Et Al Cameron J-04

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION

60:03:31.30 N 117:30:47.80 W

UNIQUE ID

100/60 3 31.3 N--117 30 47.8 W

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/crow/month)
(2.) CA ODC Rig Safet Inspection Checklist (one/night/month)
(3.) Mast Inspection before Raising or Lowering
(4.) Crown Saver Checked
(5.) Motor Kills Checked

OPR R.M.

NRTE

YEAR

2007

MONTH

2

DAY

3

LAST CASING TUBING OR LINER

C.D. (mm.)

219.1

MIN I.D. (mm.)

205.9

MASS (kg/m3)

35.72

MAKE

IPSCO

GRADE

J55

NO. of JOINTS

32

TOTAL LENGTH

431.11

KB TO CSG HEAD

4

SET AT (m)

430

TEMPERATURE

38

CURRENT CONDITIONS

DC

DC / DP SIZE

152

MASS

122

GRADE

STD

MINIMUM I.D.

58

T. JNT. O.D.

150

TYPE THREAD

4" H90

NO. of JOINTS

4

PUMP TYPE

BPMMP

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

229

W.CALM WIND DIRECTION

DC

12169.5571233" 1/2 IF16F-800

NORTH ROAD CONDITION

DP

10121.4E661274" FH154

ICE

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

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

TOTALS

MORN

DAY

EVE

TOTAL

SHALE SHAKER(S)

IT38 LOADER

RENTALS / SERVICES

CREW VEHICLE

MORN

DAY

EVE

NO.

1

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

LENGTH

28

BIT NO.

3

MORNING TOUR

MUD TYPE

H2O

MUD RECORD

WATER BASED

X

OIL BASED

METRES DRILLED

FROMTOD-R-CRPMWOB

TIME LOG

FROMTOELAPSED TIMECODEDETAILS OF OPERATIONS IN SEQUENCE & REMARKS

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

TORQUE SUB

155

2.80

SIZE

200

TIME

200

400

600

DENSITY (kg/m3)

1010

1010

1010

FUNNEL VISCOSITY

30

30

30

FLUID LOSS (cm3)

pH

10.5

10.5

10.5

X.O.

151

.64

IADC CODE

FUNNEL VISCOSITY

30

30

30

FLUID LOSS (cm3)

pH

10.5

10.5

10.5

4 3/4 COLLAR

121

37.47

MANUFACTURER

VAREL

FUNNEL VISCOSITY

30

30

30

FLUID LOSS (cm3)

pH

10.5

10.5

10.5

JAR

122

4.92

TYPE

MKS65

FUNNEL VISCOSITY

30

30

30

FLUID LOSS (cm3)

pH

10.5

10.5

10.5

4 3/4 COLLAR

121

111.82

SERIAL NO.

2399B

FUNNEL VISCOSITY

30

30

30

FLUID LOSS (cm3)

pH

10.5

10.5

10.5

H.W.D.P.

102

57.14

JETS

5X

11.1

FUNNEL VISCOSITY

30

30

30

FLUID LOSS (cm3)

pH

10.5

10.5

10.5

X.O.

102

.26

JETS

1X

10

FUNNEL VISCOSITY

30

30

30

FLUID LOSS (cm3)

pH

10.5

10.5

10.5

DEPTH OUT (m)

430

299

15

CUTTING STRUCTURE

TIT₀MDCLOCBRGGAGEODCREASON PULLEDTOTAL RUN m/HR

HOLE CONDITION

HOLE DRAG

0

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

D.P.

STANDS

466.36

HOLE CONDITION

HOLE DRAG

0

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

D.P.

SINGLES

466.36

HOLE CONDITION

HOLE DRAG

0

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

KELLY DOWN

11.30

729.08

HOLE CONDITION

HOLE DRAG

0

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

19

729.08

HOLE CONDITION

HOLE DRAG

0

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF STRING

30

729.08

HOLE CONDITION

HOLE DRAG

0

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

DRILLER SIGNATURE

RYAN OXNER

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

CEMENTING

MEHL

24

MACP

8802

DAY

[illegible]

EVENING

[illegible]

MORNING

[illegible]

DAY

LICENCE NO. 1159		WELL NAME & NO. Para Et Al Cameron J-04										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/crow/month) (2.) CA ODC Rig Safet Inspection Checklist (one/rig/month) (3.) Mast Inspection before Raising or Lowering (4.) Crown Saver Checked (5.) Motor Killis Checked										OFR R.M. NR TE NR TE NR TE NR TE NR TE NR TE		YEAR 2007		MONTH 2		DAY 4		LAST CASING TUBING OR LINER		O.D. (m.m) 219.1		MIN I.D. (mm) 205.9		MASS (kg/m3) 35.72		MAKE IPSCO		GRADE J55		NO. of JOINTS 32		TOTAL LENGTH 431.11		KB TO CSG HEAD 4		SET AT (m) 430		SPUD DATE 2007/01/26		TIME 16:15	
OPERATOR PARAMOUNT RESOURCES LTD.												CONTRACTOR NAME PRECISION DRILLING, DIV OF PDC										RIG NO. 129		FUEL @ 08:00 HRS		RIG 17700		BOILER 2300												RIG RELEASE TIME		WELL TYPE VERT.		RE-ENTRY NO									
SURFACE LOCATION 60:03:31.30 N 117:30:47.80 W												UNIQUE ID 100/60 3 31.3 N--117 30 47.8 W										TEMPERATURE 28		DC / DP DC / DP		MASS 152		GRADE 122		MINIMUM I.D. STD		T. JNT O.D. 58		TYPE THREAD 4" H90		NO. of JOINTS 4		PUMP TYPE BPMMP		PUMP MANUFACTURER EMSCO		STROKE LENGTH 229		OPERATOR'S SAFE 07N710028		KELLY BSHG 33		OP FUEL					
SIGNATURE OF OPERATOR'S REPRESENTATIVE Neil Rundell												SIGNATURE OF CONTRACTOR'S RIG MANAGER TYLER ELL										WIND DIRECTION WCALM		DC 152		MASS 122		GRADE STD		MINIMUM I.D. 58		T. JNT O.D. 150		TYPE THREAD 4" H90		NO. of JOINTS 4		PUMP TYPE BPMMP		PUMP MANUFACTURER EMSCO		STROKE LENGTH 229		CONTRACTOR'S JOB NUM 749		TOUR SHEET SERIAL NUM PREC129_20070204_1C		VENDOR SOFTWARE VERSION EDR_3-24 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) NO. TYPE TYPE 1 BRANDT IT38 LOADER				RENTALS / SERVICES		MORN		DAY		EVE																	
MORN																										SCREENS CHANGED NO NEW/USED TOP TOP				CREW VEHICLE																							
DAY																										180 MIDDLE MIDDLE																											
EVE																										180 BOTTOM BOTTOM																											
TOTAL																										89																											
NO. DRILLING ASSEMBLY (AT END OF TOUR) LENGTH BIT RECORD DAY TOUR MUD RECORD METRES DRILLED TIME LOG																																																					
1 BIT O.D. 28 BIT NO. 3 MUD TYPE H2O 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 166 2.80 SIZE 200 TIME 800 815 0.25 18 SQUEEZE CEMENT @ 524m																																																					
4 6" DC 162 36.09 IADC CODE DENSITY (kg/m3) 815 1230 4.25 13 WAIT ON CEMENT																																																					
1 X.O. 161 .64 FUNNEL VISCOSITY 1230 1245 0.25 7 RIG SERVICE (F/T ANNULAR CL 13 SEC OP 13 SEC)																																																					
4 4 3/4 COLLAR 121 37.47 MANUFACTURER VAREL FLUID LOSS (cm3) 1245 1315 0.50 6 RIH TO FEEL PLUG @ 618m																																																					
1 JAR 122 4.92 TYPE MKS65 pH 1315 1330 0.25 21 SAFETY MEETING WITH SANJEL AND CREW																																																					
12 4 3/4 COLLAR 121 111.82 SERIAL NO. 2399B 1330 1430 1.00 12 CEMENT PLUG #4 @ 616m																																																					
6 H.W.D.P. 102 57.14 JETS 5X 11.1 MUD MATERIALS ADDED SOLIDS CONTROL CIRCULATION PRESSURE kPa PUMP NO. 1 PUMP NO. 2																																																					
1 X.O. 102 .26 1X 10 SODIUM BICARB 2 SX HOURS RUN INTAKE DENSITY (kg/m3) OVER FLOW DENSITY UNDER FLOW DENSITY 1380 140 95																																																					
DEPTH OUT (m) REDUCED PUMP SPEED 548 @ 68 @ 457																																																					
DEPTH IN (m) 430 DEVIATION SURVEYS																																																					
TOTAL DRILLED (m) 328 DEPTH (m) DEVIATION DIRECTION																																																					
TOTAL HRS RUN 15.75 BOILERS																																																					
CUTTING STRUCTURE 1 2																																																					
TI T6 MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/HR HRS RUN 12 HRS RUN 0																																																					
D.P. STANDS HOLE CONDITION																																																					
51 D.P. SINGLES 495.71 HOLE DRAG																																																					
KELLY DOWN 11.30 TORQUE AT BOTTOM																																																					
TOTAL 758.43																																																					
WT. OF D.C. 19 FILL ON BOTTOM (m)																																																					
WT. OF STRING 32																																																					
DRILLER SIGNATURE DEAN PODOLSKI SPECIAL EVENT TIME / DEPTH SAFETY TOPIC MEHL MACP																																																					
CEMENTING 22 8802																																																					

EVENING

[illegible]

[illegible]

DAY

[illegible]

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	CSG HEAD	SET AT (m)	DATE	TIME																				
1159	Para Et Al Cameron J-04	(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						NR TE NR TE NR TE NR TE NR TE NR TE		2007	2	5			219.1	205.9	35.72	IPSCO	J55	32	431.11	4	430		2007/01/26	16:15																			
OPERATOR		CONTRACTOR NAME						RIG NO.		FUEL @ 08:00 HRS		RIG BOILER												RIG RELEASE	TIME																				
PARAMOUNT RESOURCES LTD.		PRECISION DRILLING, DIV OF PDC						129		FUEL @ 08:00 HRS		16800 1200												VERT.	RE-ENTRY																				
SURFACE LOCATION		UNIQUE ID						TEMPERATURE		CURRENT CONDITIONS		WIND DIRECTION		NORTH ROAD CONDITION		ICE		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 SAFE																					
60:03:31.30 N 117:30:47.80 W		100/60 3 31.3 N--117 30 47.8 W						20		WCALM		DC		DC		DP		152 122 STD 58 150 4" H90 4		BPMMP EMSCO		229		07N710028																					
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER						TE		TE		TE		TE		TE		TE		TE		TE		KELLY BSHG .33 OP FUEL																					
Neil Rundell		TYLER ELL						TE		TE		TE		TE		TE		TE		TE		TE		CONTRACTOR'S JOB NUM 749																					
								TE		TE		TE		TE		TE		TE		TE		TE		TOUR SHEET SERIAL NUM PREC129_20070205_1B																					
								TE		TE		TE		TE		TE		TE		TE		TE		VENDOR SOFTWARE VERSION EDR_3-24 ETS 2.2																					
								TE		TE		TE		TE		TE		TE		TE		TE																							
CODING 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	SHALES 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	WIREFINE LOGS	RUN CSG & CEMENT	WAIT ON CEMENT	NIPPLE UP B.O.P.	TEST B.O.P.	DRILLSTEM TEST	PLUG BACK	SQUEEZE CEMENT	FISHING	DIR. WORK	SAFETY MEETING																								
MORN		1.25					0.25														0.5			6.0			8.00	IT38 LOADER																	
DAY		7.25					0.25			0.75											0.25				3.5		12.00	CREW VEHICLE																	
EVE		3.5					0.25														0.25						4.00																		
TOTAL		12.00					0.75			0.75											1.00			6.00		3.50	24.00																		
DRILLING ASSEMBLY (AT END OF TOUR)		LENGTH		BIT RECORD				EVENING TOUR		MUD RECORD				METRES DRILLED				TIME LOG																											
BIT		O.D.	.28	BIT NO.		3		MUD TYPE GEL/CHEMJ		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		155	2.80	SIZE		200		TIME		2100		2200		2400		883		904		D		100		6		2000		2015		0.25		7		RIG SERVICE (F/T PIPE RAMS CL 2 SEC OP 2 SEC)											
6' DC		152	36.09	IADC CODE				DENSITY (kg/m3)				1040														2015		2030		0.25		21		SAFETY MEETING (HOUSE KEEPING)											
X.O.		151	.64	MANUFACTURER		VAREL		FUNNEL VISCOSITY				50														2030		2400		3.50		2		DRILL ACTUAL FROM 883M TO 904M											
4 3/4 COLLAR		121	37.47	TYPE		MKS65		FLUID LOSS (cm3)																		2400																			
JAR		122	4.92	SERIAL NO.		2399B		PH				10.5																																	
H.W.D.P.		102	57.14	JETS		5X 11.1		MUD MATERIALS ADDED		SOLIDS CONTROL				CIRCULATION PRESS																															

LICENCE 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		2007/01/26		TIME		16:15	
1159		Para Et Al Cameron J-04		(1.) Daily Walk Around Inspection		NR		2007		2		6		129		219.1		205.9		35.72		IPSCO		J55		32		431.11		4		430		RIG RELEASE				TIME			
OPERATOR		CONTRACTOR NAME		(2.) Detailed Inspection - Weekly (Using Check List)		NR		FUEL @ 08:00 HRS																								WELL TYPE		VERT.		RE-ENTRY		NO			
PARAMOUNT RESOURCES LTD.		PRECISION DRILLING, DIV OF PDC		(3.) H2S Signs Posted if Required		NR		RIG		BOILER																						OPERATOR'S SAFE		07N710028							
SURFACE LOCATION		UNIQUE ID		(4.) Well Licence & Stick Diagram Posted		NR		15000		1700																						KELLY BSHG		33		OP FUEL					
60:03:31.30 N 117:30:47.80 W		100/60 3 31.3 N--117 30 47.8 W		(5.) Flare Lines Staked		NR		TEMPERATURE																										CONTRACTOR'S JOB NUM		749					
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S RIG MANAGER		(6.) BOP Drills Performed		NR		CURRENT CONDITIONS																										TOUR SHEET SERIAL NUM		PREC129_20070206_1C					
Neil Rundell		Neil Rundell		(7.) Visually Inspect BOPs-Flare Lines & Degasser Lines		NR		WCALM																										VENDOR SOFTWARE VERSION		EDR_3-24 ETS 2.2					
				(1.) Rlg Site Health & Safety Meeting (one/crow/month)		TE		WIND DIRECTION																																	
				(2.) CAODC Rlg Safet Inspection Checklist (one/rlg/month)		TE		NORTH																																	
				(3.) Mast Inspection before Raising or Lowering		TE		ROAD CONDITION																																	
				(4.) Crown Saver Checked		TE		ICE																																	
				(5.) Motor Kills Checked		TE																																			
				</																																					

DAY

[illegible]

EVENING

[illegible]

MORNING

LICENCE NO.

1159

WELL NAME & NO.

Para Et Al Cameron J-04

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION

60:03:31.30 N 117:30:47.80 W

UNIQUE ID

100/60 3 31.3 N--117 30 47.8 W

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

OPR R.M.

NR

TE

NR

TE

NR

TE

NR

TE

NR

TE

WEATHER

TE

TE

TE

YEAR

2007

MONTH

2

DAY

7

LAST CASING TUBING OR LINER

FUEL @ 08:00 HRS

O.D. (mm)

219.1

MIN I.D. (mm)

205.9

MASS (kg/m3)

35.72

MAKE

IPSCO

GRADE

J55

NO. of JOINTS

32

TOTAL LENGTH

431.11

KB TO CSG HEAD

4

SET AT (m)

430

RIG NO.

129

RIG

13000

BOILER

1700

TEMPERATURE

20

CURRENT CONDITIONS

WCALM

WIND DIRECTION

NORTH

ROAD CONDITION

ICE

DC/ DP

DP

DC / DP SIZE

101

MASS

21.4

GRADE

E

MINIMUM I.D.

66

T. JNT O.D.

127

TYPE THREAD

4" FH

NO. of JOINTS

154

PUMP TYPE

BPMMP

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

229

SPUD DATE

2007/01/26

TIME

16:15

RIG RELEASE

WELL TYPE

VERT.

RE-ENTRY

NO

OPERATOR'S SAFE

07N710028

KELLY BSHG

33

OP FUEL

CONTRACTOR'S JOB NUM

749

TOUR SHEET SERIAL NUM

PREC129_20070207_1B

VENDOR SOFTWARE VERSION

EDR_3-24 ETS 2.2

CODE NO.

1

2

3

4

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17

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21

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23

24

25

26

TOTALS

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.

DRILLS TEM TEST

PLUG BACK

SQUEEZE CEMENT

FISHING

DIR. WORK

SAFETY MEETING

MORN

DAY

EVE

TOTAL

8.50

0.75

0.50

0.25

0.25

0.25

0.75

1.0

10.5

2.0

13.50

8.00

12.00

4.00

24.00

SHALES SHAKER(S)

IT38 LOADER

RENTALS / SERVICES

CREW VEHICLE

MORN

DAY

EVE

NO.

1

DRILLING ASSEMBLY (AT END OF TOUR)

BIT

LENGTH

D.D. 28

BIT RECORD

BIT NO. 3

MORNING TOUR

MUD TYPE GEL/CHEM

MUD RECORD

WATER BASED X OIL BASED

METRES DRILLED

FROM 1050 TO 1069

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

1

TORQUE SUB

156

2.80

SIZE 200

TIME 200 400 600

1050 1069

D 100 3

0 015 0.25 7

RIG SERVICE (F/T ANNULAR CL 12 SEC / OP 12 SEC)

4

6" DC

152

36.09

IADC CODE

DENSITY (kg/m3) 1080 1100 1100

015 030 0.25 21

SAFETY MEETING (BOP DRILL WITH NEW CREW)

1

X.O.

151

64

MANUFACTURER VAREL

FUNNEL VISCOSITY 60 60 65

030 700 6.50 2

DRILL ACTUAL FROM 1050m TO 1069m

4

4 3/4 COLLAR

121

37.47

TYPE MKS65

FLUID LOSS (cm3)

700 800 1.00 22

MIX LCM PLUG AND DISS PLACE DOWN HOLE

1

JAR

122

4.92

SERIAL NO. 2399B

pH 9.5 9.5 9.5

800

12

4 3/4 COLLAR

121

111.82

JETS 5X 11.1 1X 10

MUD MATERIALS ADDED

SOLIDS CONTROL

CIRCULATION PRESSURE kPa 4100 140 100

PUMP NO. 1 PUMP NO. 2

REDUCED PUMP SPEED

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 8 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

6

H.W.D.P.

102

57.14

DEPTH OUT (m)

SAWDUST

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

1

X.O.

102

26

DEPTH IN (m) 430

DRISPAC

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

1

X.O.

102

26

TOTAL DRILLED (m) 639

HUMALITE

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

1

X.O.

102

26

TOTAL HRS RUN 48.5

CAUSTIC

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

1

X.O.

102

26

CUTTING STRUCTURE

CAUSTIC

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

1

X.O.

102

26

TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/Hr 12.9

CAUSTIC

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

1

X.O.

102

26

STANDS

CAUSTIC

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

1

X.O.

102

26

SINGLES

CAUSTIC

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

1

X.O.

102

26

807.11

CAUSTIC

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

1

X.O.

102

26

11.30

CAUSTIC

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

1

X.O.

102

26

1069.83

CAUSTIC

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

1

X.O.

102

26

19

CAUSTIC

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

1

X.O.

102

26

34

CAUSTIC

8 1080 1070 1560

2850 @ 68 @ 1069

DEVIATION SURVEYS

DEPTH (m) DEVIATION DIRECTION

BOILERS

HRS RUN 12 HRS RUN 0

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

NOTES :

CHECKED CROWN SAVER BRAKE LINKAGES,PINS,TONGS AND TONGS LINES
AIR HORN,MOTOR KILL,BOP AND MANIFOLD SET UP ,FLARE AND DEGASSER LINES
RIG AND ACCUMULATOR HYD LVL

DRILLER SIGNATURE

MAGELLA MAINGUY

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

BOP DRILL

MEHL

36

MACP

8465

[illegible]

EVENING

[illegible]

MORNING

LICENCE NO.

1159

WELL NAME & NO.

Para Et Al Cameron J-04

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION

60:03:31.30 N 117:30:47.80 W

UNIQUE ID

100/60 3 31.3 N--117 30 47.8 W

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.) CA ODC 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

YEAR

2007

 MONTH

2

 DAY

8

LAST CASING TUBING OR LINER

O.D. (mm)

219.1

 MIN I.D. (mm)

205.9

 MASS (kg/m3)

35.72

 MAKE

IPSCO

 GRADE

J55

 NO. of JOINTS

32

 TOTAL LENGTH

431.11

 KB TO CSG HEAD

4

 SET AT (m)

430

RIG NO.

129

 FUEL @ 08:00 HRS RIG

10000

 BOILER

1600

TEMPERATURE

31

 CURRENT CONDITIONS

DC / DP

 DC / DP SIZE

152

 MASS

122

 GRADE

STD

 MINIMUM I.D.

58

 T. JNT. O.D.

150

 TYPE THREAD

4" H90 4

 NO. of JOINTS

4

 PUMP TYPE

BPMMP

 PUMP MANUFACTURER

EMSCO

 STROKE LENGTH

229

COLD WIND DIRECTION

DC

 152 122 STD 58 150 4" H90 4 BPMMP EMSCO 229

CALM ROAD CONDITION

DC

 121 69.5 57 123 3" 1/2 IF16 F-800

ICE

DP

 101 21.4 E 66 127 4" FH 154

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

RIGUP & TEARDOWN DRILL ACTUAL

2.0

 REAMING CORING COND MUD & CIRC TRIPS RIG SERVICE

0.25

 REPAIR RIG CUT OFF DRILL LINE DEV. SURVEY WIRELINE LOGS RUN CS/G & CEMENT WAIT ON CEMENT NIPPLE UP B.O.P. TEST B.O.P. DRILLSTEM TEST PLUG BACK SQUEEZE CEMENT FISHING DIR. WORK SAFETY MEETING

0.25

 5.5

MORN DAY EVE TOTAL

2.00

 2.50 5.00 0.75

SHALE SHAKER(S)

NO. TYPE TYPE IT38 LOADER

RENTALS / SERVICES

SCREENS CHANGED NO NEW/USED USED CREW VEHICLE

MORN DAY EVE TOTAL

8.00

 12.00 4.00 24.00

180 89 180 89

89

NO.

1

 DRILLING ASSEMBLY (AT END OF TOUR)

BIT

 LENGTH

28

 BIT NO.

3

 MORNING TOUR

MUD TYPE GEL/CHEM WATER BASED X OIL BASED

 MUD RECORD

WATER BASED X OIL BASED

 METRES DRILLED

FROM TO D-R-C RPM WOB

 TIME LOG

FROM TO ELAPSED TIME CODE

1 TORQUE SUB 155 2.80 SIZE 200 TIME 200 400 600 1095 1118 D 100 3

4 6" DC 152 36.09 IADC CODE DENSITY (kg/m3) 1030 1030 1030 015 030 0.25 21

1 X.O. 151 .64 IADC CODE FUNNEL VISCOSITY 80 80 80 030 600 5.50 22

4 4 3/4 COLLAR 121 37.47 MANUFACTURER VAREL FLUID LOSS (cm3) 600 800 2.00 2

1 JAR 122 4.92 TYPE MKS65 pH 9.5 9.5 9.5 800

12 4 3/4 COLLAR 121 111.82 SERIAL NO. 2399B

8 H.W.D.P. 102 57.14 JETS 5X 11.1 MUD MATERIALS ADDED SOLIDS CONTROL CIRCULATION PRESSURE kPa PUMP NO. 1 PUMP NO. 2

1 X.O. 102 .26 JETS 1X 10

DEPTH OUT (m) GEL 170 SX HOURS RUN INTAKE DENSITY (kg/m3) OVER FLOW DENSITY UNDER FLOW DENSITY 4850 140 95

DEPTH IN (m) 430 SAWDUST 160 SX REDUCED PUMP SPEED 2310 @ 68 @ 1095

TOTAL DRILLED (m) 688 CAUSTIC 2 SX 0 DEVIATION SURVEYS

TOTAL HRS RUN 52.5 CELLOPHANE 20 SX HOURS RUN INTAKE DENSITY (kg/m3) OVER FLOW DENSITY UNDER FLOW DENSITY

CUTTING STRUCTURE PRIMA SEAL C 40 SX DEPTH (m) DEVIATION DIRECTION

TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/HR PRIMA SEAL M 30 SX

DRISPAC 1 SX

1 2

HRS RUN 8 HRS RUN 0

BOILER PH 12 BOILER PH

STACK TEMP 580 STACK TEMP

DRILLER SIGNATURE MAGELLA MAINGUY SPECIAL EVENT TIME / DEPTH

SAFETY TOPIC MEHL MACP

COLD WEATHER 37 8676

DAY

[illegible]

EVENING

LICENCE NO.

1159

WELL NAME & NO.

Para Et Al Cameron J-04

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION

60:03:31.30 N 117:30:47.80 W

UNIQUE ID

100/60 3 31.3 N--117 30 47.8 W

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TYLER ELL

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(6.) BOP Drills Performed
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(2.) CAODC Rig Safety 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

YEAR

2007

MONTH

2

DAY

8

RIG NO.

129

FUEL @ 08:00 HRS

RIG

10000

BOILER

1600

TEMPERATURE

31

CURRENT CONDITIONS

DC/DP

DC / DP SIZE

DC

MASS

152

GRADE

122

MINIMUM I.D.

STD

T. JNT. O.D.

150

TYPE THREAD

4"

NO. of JOINTS

4

PUMP TYPE

BPMMP

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

229

COLD WIND DIRECTION

DC

15269.5571233" 1/2 IF 16F-800

CALM ROAD CONDITION

DC

12169.5571233" 1/2 IF 16F-800

ICE

DP

10121.4E661274" FH154

O.D. (mm)

219.1

MIN I.D. (mm)

205.9

MASS (kg/m3)

35.72

MAKE

IPSCO

GRADE

J55

NO. of JOINTS

32

TOTAL LENGTH

431.11

KB TO CSG HEAD

4

SET AT (m)

430

SPUD DATE

2007/01/26

TIME

16:15

RIG RELEASE

WELL TYPE

VERT.

RE-ENTRY

NO

OPERATOR'S SAFE

07N710028

KELLY BSHG

.33

OP FUEL

CONTRACTOR'S JOB NUM

749

TOUR SHEET SERIAL NUM

PREC129_20070208_1C

VENDOR SOFTWARE VERSION

EDR_3-2-4 ETS 2.2

CODE NO.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

TOTALS

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

DIRL WORK

SAFETY MEETING

MORN

DAY

EVE

TOTAL

2.0

0.25

8.00

2.0

2.50

5.00

0.75

24.00

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

IT38 LOADER

CREW VEHICLE

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

BIT

O.D.

28

BIT NO.

3

MUD TYPE

GEL/CHEM

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

165

2.80

SIZE

200

TIME

2000

2200

2400

DENSITY (kg/m3)

1100

1100

1100

2015

2030

0.25

21

SAFETY MEETING (SLIPPERY CONDITION)

6" DC

162

36.09

IADC CODE

FUNNEL VISCOSITY

50

60

70

2030

2130

1.00

22

MIXED AND PUMP LCM DOWN HOLE

X.O.

161

.64

MANUFACTURER

VAREL

FLUID LOSS (cm3)

2130

2400

2.50

5

CONDITION MUD & CIRCULATE

4 3/4 COLLAR

121

37.47

TYPE

MKS65

pH

10

10

10

2400

JAR

122

4.92

SERIAL NO.

Z399B

4 3/4 COLLAR

121

111.82

JETS

5X

11.1

1X

10

DEPT

OUT (m)

DEPTH IN (m)

430

TOTAL DRILLED (m)

688

TOTAL HRS RUN

52.5

CUTTING STRUCTURE

TI

T6

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/Hr

D.P.

STANDS

D.P.

SINGLES

855.67

HOLE CONDITION

HOLE DRAG

1 UP 1 DOWN

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

PRIMA SEAL C

20

SX

PRIMA SEAL M

10

SX

BOILERS

1

2

HRS RUN

4

HRS RUN

0

BOILER PH

12

BOILER PH

STACK TEMP

580

STACK TEMP

DRILLER SIGNATURE

MAGELLA MAINGUY

SPECIAL EVENT

TIME / DEPTH

NOTES

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

AIR HORN BOPAND MANIFOLD SET UP,FLARE AND DEGASSER LINES

HYDRAULIC LEVEL RIG AND ACCUMULATOR

SAFETY TOPIC

MEHL

MACP

SLIPPERY CONDITION

35

8507

MORNING

[illegible]

[illegible]

EVENING

LICENCE NO.

1159

WELL NAME & NO.

Para Et Al Cameron J-04

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION

60:03:31.30 N 117:30:47.80 W

UNIQUE ID

100/60 3 31.3 N--117 30 47.8 W

SIGNATURE OF OPERATOR'S REPRESENTATIVE

MARK SEYMOUR

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 BOP's- Flare Lines & Degasser Lines
(1.) Rig Site Health & Safety Meeting (one/crew/month)
(2.) CAGOC Rig Safety Inspection Checklist (one/rig/month)
(3.) Mast Inspection before Raising or Lowering
(4.) Crown Saver Checked
(5.) Motor Kills Checked

OPR.R.M.

MS TE

MS TE

MS TE

MS TE

TE

TE

YEAR

2007

MONTH

2

DAY

9

LAST CASING TUBING OR LINER

O.D. (mm)

219.1

MIN I.D. (mm)

205.9

MASS (kg/m3)

35.72

MAKE

IPSCO

GRADE

J55

NO. of JOINTS

32

TOTAL LENGTH

431.11

KB TO CSG HEAD

4

SET AT (m)

430

RIG NO.

129

FUEL @ 03:00 HRS

RIG

6000

BOILER

1000

TEMPERATURE

31

CURRENT CONDITIONS

COLD

WIND DIRECTION

WIND

CALM ROAD CONDITION

CALM

ICE

ICE

DC/DP

DC

DC/DP SIZE

152

MASS

122

GRADE

STD

MINIMUM I.D.

58

T. JNT. O.D.

150

TYPE THREAD

4" H90 4

NO. of JOINTS

4

PUMP TYPE

BPMMP

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

229

DC

DC

DC

121

69.5

57

123

3" 1/2 IF16

F-800

DP

DP

101

21.4

E

66

127

4" FH

154

SPUD DATE

2007/01/26

TIME

16:15

RIG RELEASE

TIME

WELL TYPE

VERT.

RE-ENTRY

NO

OPERATOR'S SAFE

07N710028

KELLY BSHG

33

OP FUEL

CONTRACTOR'S JOB NUM

749

TOUR SHEET SERIAL NUM

PREC129_20070209_1B

VENDOR SOFTWARE VERSION

EDR_3-24 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

RIGUP & TEARDOWN

DRILL ACTUAL

REAMING

CORING

COND MUD & CIRC

TRIPS

RIG SERVICE

REPAIR RIG

CUT OFF DRILL LINE

DEV. SURVEY

WIRELINE LOGS

RUN CSG & CEMENT

WAIT ON CEMENT

NIPPLE UP B.O.P.

TEST B.O.P.

DRILLSTEM TEST

PLUG BACK

SQUEEZE CEMENT

FISHING

DIR. WORK

SAFETY MEETING

MORN

DAY

EVE

TOTAL

3.00

1.50

5.25

4.75

0.75

SHAPE SHAKER(S)

RENTALS / SERVICES

MORN

DAY

EVE

NO.

TYPE

TYPE

IT38 LOADER

CREW VEHICLE

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

EVENING TOUR

MUD RECORD

METRES DRILLED

TIME LOG

1

TORQUE SUB

155

2.80

SIZE

200

TIME

2000

2200

2400

0

4

6" DC

162

36.09

IADC CODE

DENSITY (kg/m3)

1050

1050

1050

1

X.O.

161

.64

MANUFACTURER

VAREL

FUNNEL VISCOSITY

80

80

100

4

4 3/4 COLLAR

121

37.47

MANUFACTURER

VAREL

FLUID LOSS (cm3)

1

JAR

122

4.92

TYPE

MKS55

pH

10

10

10

12

4 3/4 COLLAR

121

111.82

SERIAL NO.

SIN2426

5

H.W.D.P.

102

57.14

1

X.O.

102

.26

JETS

7X

9.5

DEPTH OUT (m)

DEPTH IN (m)

1122

TOTAL DRILLED (m)

TOTAL HRS RUN

CUTTING STRUCTURE

TI

Te

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/HR

D.P.

STANDS

88

D.P.

SINGLES

865.41

HOLE CONDITION

HOLE DRAG

0

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

WT. OF D.C.

19

WT. OF STRING

36

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

SOLIDS CONTROL

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

0

REDUCED PUMP SPEED

0

@

@

DEVIATION SURVEYS

DEPTH (m)

DEVIATION

DIRECTION

BOILERS

1

2

HRS RUN

4

HRS RUN

0

BOILER pH

12

BOILER pH

STACK TEMP

580

STACK TEMP

CIRCULATION PRESSURE KPa

0

140

0

@

@

DEPTH (m)

DEVIATION

DIRECTION

BOILERS

1

2

HRS RUN

4

HRS RUN

0

BOILER pH

12

BOILER pH

STACK TEMP

580

STACK TEMP

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

2000

2015

0.25

7

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

2015

2030

0.25

21

SAFETY MEETING (SET UP PREMIX TANK)

2030

2300

2.50

24

SET UP PREMIX TANK AND MUD UP

2300

2400

1.00

6

RIH F/C @ 0m,430m 561m,1122m

2400

NOTES

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

BOP AND MANIFOLD SET UP,FLARE AND DEGASSER LINES

RIG AND ACCUMULATOR HYD LVL

DRILLER SIGNATURE

MAGELLA MAINGUY

SPECIAL EVENT

TIME / DEPTH

SAFETY TOPIC

MEHL

MACP

SET UP TANK

32

8591

[illegible]

DAY

LICENCE NO.		WELL NAME & NO.												DAILY CHECKS		YEAR		MONTH		DAY		LAST CASING TUBING OR LINER		O.D. (mm)		MIN I.D. (mm)		MASS (kg/m3)		MAKE		GRADE		NO. of JOINTS		TOTAL LENGTH		KB TO CSG HEAD		SET AT (m)		SPUD DATE		2007/01/26		TIME		16:15	
1159		Para Et Al Cameron J-04												(1.) Daily Walk Around Inspection		2007		2		10				219.1		205.9		35.72		IPSCO		J55		32		431.11		4		430		RIG RELEASE				TIME			
OPERATOR				CONTRACTOR NAME										(2.) Detailed Inspection - Weekly (Using Check List)		RIG NO.		129				FUEL @ 08:00 HRS																WELL TYPE		VERT.		RE-ENTRY		NO					
PARAMOUNT RESOURCES LTD.				PRECISION DRILLING, DIV OF PDC										(3.) H2S Signs Posted if Required		RIG		18000		2000																		OPERATOR'S SAFE		07N710028									
SURFACE LOCATION				UNIQUE ID										(4.) Well Licence & Stick Diagram Posted		TEMPERATURE		18000		2000																		KELLY BSHG		.33		OP FUEL							
60:03:31.30 N 117:30:47.80 W				100/60 3 31.3 N--117 30 47.8 W										(5.) Flare Lines Staked		CURRENT CONDITIONS		DC/ DP		DC/ DP		MASS		GRADE		MINIMUM I.D.		T. JNT. O.D.		TYPE THREAD		NO. of JOINTS		PUMP TYPE		PUMP MANUFACTURER		STROKE LENGTH		CONTRACTOR'S JOB NUM		749							
SIGNATURE OF OPERATOR'S REPRESENTATIVE				SIGNATURE OF CONTRACTOR'S RIG MANAGER										(6.) BOP Drills Performed		COLD		DC		152		122		STD		58		150		4" H90 4		BPMMP		EMSCO		229		TOUR SHEET SERIAL NUM		PREC129_20070210_1B									
MARK SEYMOUR				TYLER ELL										(7.) Visually Inspect BOPs, Flare Lines & Degasser Lines		WIND DIRECTION		DC		121		69.5				57		123		3" 1/2 F16		F-800						VENDOR SOFTWARE VERSION		EDR_3-2-4 ETS 2.2									
														(1.) Rlg Site Health & Safety Meeting (one/crew/month)		CALM		DC		121		69.5				57		123		3" 1/2 F16		F-800																	
														(2.) CAODC Rig Safet Inspection Checklist (one/rig/month)		ROAD CONDITION		DP		101		21.4		E		66		127		4" FH 154																			
														(3.) Mast Inspection before Raising or Lowering		ICE																																	
														(4.) Crown Saver Checked																																			
														(5.) Motor Kills Checked																																			
																				</																													

EVENING

[illegible]

[illegible]

[illegible]

EVENING

[illegible]

MORNING

[illegible]

DAY

[illegible]

EVENING

LICENCE NO.

1159

WELL NAME & NO.

Para Et Al Cameron J-04

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION

60:03:31.30 N 117:30:47.80 W

UNIQUE ID

100/60 3 31.3 N--117 30 47.8 W

SIGNATURE OF OPERATOR'S REPRESENTATIVE

MARK SEYMOUR

SIGNATURE OF CONTRACTOR'S RIG MANAGER

TYLER ELL

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(2.) Detailed Inspection - Weekly (Using Check List)
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(7.) Visually Inspect BOPs, Flare Lines & Degasser Lines
(1.) Rig Site Health & Safety Meeting (one/crew/month)
(2.) CAODC Rig Safety Inspection Checklist (one/rig/month)
(3.) Mast Inspection before Raising or Lowering
(4.) Crown Saver Checked
(5.) Motor Kills Checked

OPR/RM
MS TE
MS TE
MS TE
MS TE
MS TE
MS TE
WEATHER
TE
TE

YEAR
2007
MONTH
2
DAY
12
RIG NO.
129
FUEL @ 08:00 HRS
RIG
14000
BOILER
1500
TEMPERATURE
-29
CURRENT CONDITIONS
COLD
WIND DIRECTION
NORTH
ROAD CONDITION
SLIPPERY

O.D. (mm)
219.1
MIN I.D. (mm)
205.9
MASS (kg/m3)
35.72
MAKE
IPSCO
GRADE
J55
NO. of JOINTS
32
TOTAL LENGTH
431.11
KB TO CSG HEAD
4
SET AT (m)
430

MASS
GRADE
MINIMUM I.D.
T. JNT. Q.D.
TYPE THREAD
NO. of JOINTS
PUMP TYPE
PUMP MANUFACTURER
STROKE LENGTH

DC/ DP
DC/ DP
DC
DC
DP

SIZE
152
122
69.5
21.4

STD
58
57
66

4" H90
3" 1/2 IF16
4" FH

4
154

SPUD DATE
2007/01/26
TIME
16:15
RIG RELEASE
WELL TYPE
VERT.
RE-ENTRY
NO
OPERATOR'S SAFE
07N710028
KELLY BSHG
33
OP FUEL
CONTRACTOR'S JOB NUM
749
TOUR SHEET SERIAL NUM
PREC129_20070212_1B
VENDOR SOFTWARE VERSION
EDR_3-24 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

RIGUP & TEARDOWN
DRILL ACTUAL
REAMING
CORING
COND MUD & CIRC
TRIPS
RIG SERVICE
REPAIR RIG
CUT OFF DRILL LINE
DEV. SURVEY
WIRELINE LOGS
RUN CSG & CEMENT
WAIT ON CEMENT
NIPPLE UP B.O.P.
TEST B.O.P.
DRILLSTEM TEST
PLUG BACK
SQUEEZE CEMENT
FISHING
DIR. WORK
SAFETY MEETING

MORN
DAY
EVE
TOTAL

1.25
1.0
3.5
1.25

0.5
0.25
0.25
0.50

3.0
7.25
0.25
10.25

0.25
0.25
0.25
0.75

SHALES SHAKER(S)
RENTALS / SERVICES
MORN
DAY
EVE

NO. TYPE
1 BRANDT
SCREENS CHANGED
NO NEW/USED
USED
TOP TOP
180 89
MIDDLE MIDDLE
180
BOTTOM BOTTOM
89

IT38 LOADER
CREW VEHICLE

NO.
1
2
1
1
1
4
1
4
12
6
1
117
KELLY DOWN
TOTAL
WT. OF D.C.
WT. OF STRING

DRILLING ASSEMBLY (AT END OF TOUR)
BIT
CORE BARREL
JAR
X.O.
BIT SUB
6" DC
X.O.
4 3/4 COLLAR
4 3/4 COLLAR
H.W.D.P.
X.O.

D.D.
159
159
150
156
162
151
121
121
102
102

.33
19.65
2.07
.25
.95
36.09
.64
37.47
111.82
57.14
.26

LENGTH
BIT NO.
5
SIZE
171
IADC CODE
MANUFACTURER
BHC
TYPE
BHC 406
SERIAL NO.
7302765
JETS
1X .52
DEPTH OUT (m)
DEPTH IN (m)
1406
TOTAL DRILLED (m)
7
TOTAL HRS RUN
3.5
CUTTING STRUCTURE
TI To MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/HR
D.P. STANDS
D.P. SINGLES
HOLE CONDITION
HOLE DRAG
2 UP 1 DOWN
TORQUE AT BOTTOM
0
FILL ON BOTTOM (m)
0

BIT RECORD
EVENING TOUR
MUD RECORD
MUD TYPE
GEL/CHEM
WATER BASED
X
OIL BASED
MUD MATERIALS ADDED
PRODUCT AMOUNT UNIT
GEL 65 SX
SAWDUST 10 SX
SODA ASH 8 SX
CENTRIFUGE
HOURS RUN INTAKE DENSITY (kg/m3) OVER FLOW DENSITY UNDER FLOW DENSITY
0
BOILERS
1 2
HRS RUN 4 HRS RUN 0
BOILER pH 12 BOILER pH
STACK TEMP 590 STACK TEMP

FROM TO D-R-C RPM WOB
1406 1413 R 60 2
2000 2015 0.25 7
2015 2030 0.25 21
2030 2400 3.50 4

FROM TO ELAPSED TIME CODE
2000 2015 0.25 7
2015 2030 0.25 21
2030 2400 3.50 4

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS
RIG SERVICE (F/T PIPE RAMS CL 2 SEC/ OP 2 SEC)
SAFETY MEETING (CORING)
CORING FROM 1406m TO 1413M

METRES DRILLED
TIME LOG
NOTES
CHECKED CROWN SAVER BRAKE LINKAGES,PINS,TONGS AND TONGS LINES
AIR HORN,BOP AND MANIFOLD SET UP,FLARE AND DEGASSER LINES
RIG AND ACCUMULATOR HYD LVL
DRILLER SIGNATURE
MAGELLA MAINGUY
SPECIAL EVENT
TIME /DEPTH
SAFETY TOPIC
CORING
MEHL
MACP
45
8507

[illegible]

DAY

[illegible]

[illegible]

MORNING

[illegible]

DAY

[illegible]

EVENING

LICENCE NO.

1159

WELL NAME & NO.

Para Et Al Cameron J-04

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION

60:03:31.30 N 117:30:47.80 W

UNIQUE ID

100/60 3 31.3 N--117 30 47.8 W

SIGNATURE OF OPERATOR'S REPRESENTATIVE

MARK SEYMOUR

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
MS TE
MS TE
MS TE
MS TE
MS TE
MS TE
WEATHER
TE
TE
TE

YEAR

2007

MONTH

2

DAY

14

LAST CASING TUBING OR LINER

O.D. (mm)

219.1

MIN I.D. (mm)

205.9

MASS (kg/m3)

35.72

MAKE

IPSCO

GRADE

J55

NO. of JOINTS

32

TOTAL LENGTH

431.11

KB TO CSG HEAD

4

SET AT (m)

430

RIG NO.

129

FUEL @ 08:00 HRS

8500

BOILER

1500

TEMPERATURE

32

CURRENT CONDITIONS

COLD

WIND DIRECTION

WEST

ROCK CONDITION

ICE

DC / DP

152

DC / DP SIZE

122

MASS

STD

GRADE

58

MINIMUM I.D.

150

T. JNT. O.D.

4"

TYPE THREAD

H90

NO. of JOINTS

4

PUMP TYPE

BPMMP

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

229

DC

121

MASS

69.5

57

123

3" 1/2 IF16

F-800

DP

101

21.4

E

66

127

4" FH

154

SPUD DATE

2007/01/26

TIME

16:15

RIG RELEASE

TIME

WELL TYPE

VERT.

RE-ENTRY

NO

OPERATOR'S SAFE

07N710028

KELLY BSHG

33

OP FUEL

CONTRACTOR'S JOB NUM

749

TOUR SHEET SERIAL NUM

PREC129_20070214_1B

VENDOR SOFTWARE VERSION

EDR_3-24 ETS 2.2

CODE NO.

1

2

3

4

5

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8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

TOTALS

RIGUP & TEARDOWN
DRILL ACTUAL
REAMING
CORING
COND MUD & CIRC
TRIPS
RIG SERVICE
REPAIR RIG
CUT OFF DRILL LINE
DEV. SURVEY
WIRELINE LOGS
RUN CSG & CEMENT
WAIT ON CEMENT
NIPPLE UP B.O.P.
TEST B.O.P.
DRILLSTEM TEST
PLUG BACK
SQUEEZE CEMENT
FISHING
DIR. WORK
SAFETY MEETING

MORN
DAY
EVE
TOTAL

8.00
12.00
4.00
24.00

SHALES SHAKER(S)

NO. TYPE TYPE

1 BRANDT

SCREENS CHANGED

NO

NEW/ USED

TOP TOP

MIDDLE MIDDLE

BOTTOM BOTTOM

RENTALS / SERVICES

IT38 LOADER

CREW VEHICLE

MORN
DAY
EVE

NO.

1

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

.28

BIT RECORD

BIT NO.

5

SIZE

200

IADC CODE

MANUFACTURER

VAREL

TYPE

MKS55

SERIAL NO.

SIN2426

JETS

7X 9.5

DEPTH OUT (m)

DEPTH IN (m)

1406

TOTAL DRILLED (m)

43

TOTAL HRS RUN

9.25

CUTTING STRUCTURE

TI Tc MDC LOC BRG GAGE ODC REASON PULLED TOTAL RUN m/HR

HOLE CONDITION

HOLE DRAG

1 UP 2 DOWN

TORQUE AT BOTTOM

0

FILL ON BOTTOM (m)

0

EVENING TOUR

MUD TYPE

GEL/CHEM

WATER BASED

X

OIL BASED

TIME

2000

2200

2400

DENSITY (kg/m3)

1060

1060

1060

FUNNEL VISCOSITY

150

120

100

FLUID LOSS (cm3)

11

11

11

pH

11

9

11

MUD RECORD

MUD MATERIALS ADDED

PRODUCT AMOUNT UNIT

CAUSTIC

1 SX

HUMALITE

4 SX

SODA ASH

1 SX

SAWDUST

10 SX

SOLIDS CONTROL

CENTRIFUGE

HOURS RUN INTAKE DENSITY (kg/m3) OVER FLOW DENSITY UNDER FLOW DENSITY

0

0

0

BOILERS

1 2

HRS RUN

4

HRS RUN

0

BOILER pH

12

BOILER pH

STACK TEMP

680

STACK TEMP

METRES DRILLED

FROM TO D-R-C RPM WOB

1436 1449 D 80 5

FROM TO ELAPSED TIME CODE

2000 2015 0.25 7

2015 2030 0.25 21

2030 2400 3.50 2

TIME LOG

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

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

SAFETY MEETING (HOUSE KEEPING)

DRILL ACTUAL FROM 1436m TO 1449m

D.P. STANDS

D.P. SINGLES

KELLY DOWN

TOTAL

WT. OF D.C.

WT. OF STRING

1194.95
4.26
1449.00
19
41

NOTES

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

SIDPP GUAGE,AIR HORN,PVT FOR PROPER ACCURACY,PIPE SLIPS

ACCUM CONTROLS AND HYD. LEVEL

DRILLER SIGNATURE

DEAN PODOLSKI

SPECIAL EVENT

TIME /DEPTH

SAFETY TOPIC

HOUSE KEEPING

MEHL

42

MACP

8591

MORNING

[illegible]

DAY

[illegible]

EVENING

DAY

LICENCE NO.

1159

WELL NAME & NO.

Para Et Al Cameron J-04

OPERATOR

PARAMOUNT RESOURCES LTD.

CONTRACTOR NAME

PRECISION DRILLING, DIV OF PDC

SURFACE LOCATION

60:03:31.30 N 117:30:47.80 W

UNIQUE ID

100/60 3 31.3 N--117 30 47.8 W

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

OPR / R.M.

NRTE

YEAR

2007

MONTH

2

DAY

16

LAST CASING TUBING OR LINER

O.D. (mm)

219.1

MIN I.D. (mm)

205.9

MASS (kg/m3)

35.72

MAKE

IPSCO

GRADE

J55

NO. of JOINTS

32

TOTAL LENGTH

431.11

KB TO CSG HEAD

4

SET AT (m)

430

RIG NO.

129

FUEL @ 08:00 HRS

RIG

3900

BOILER

1000

TEMPERATURE

J21

CURRENT CONDITIONS

COLD

WIND DIRECTION

DC

CALM

DC

ROAD CONDITION

DP

ICE

DP

DC / DP SIZE

152

MASS

122

GRADE

STD

MINIMUM I.D.

58

T. JNT. O.D.

150

TYPE THREAD

4" H90

NO. of JOINTS

4

PUMP TYPE

BPMP

PUMP MANUFACTURER

EMSCO

STROKE LENGTH

229

F-800

SPUD DATE

2007/01/26

TIME

16:15

RIG RELEASE DATE

2007/02/16

TIME

11:59

WELL TYPE

VERT.

RE-ENTRY

NO

OPERATOR'S SAFE

07N710028

KELLY BSHG

.33

OP. FUEL

CONTRACTOR'S JOB NUM

749

TOUR SHEET SERIAL NUM

PREC129_20070216_1C

VENDOR SOFTWARE VERSION

EDR_3-24 ETS 2.2

CODE NO.

1

2

3

4

5

6

7

8

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12

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14

15

16

17

18

19

20

21

22

23

24

25

26

TOTALS

RIGUP & TEARDOWN

DRILL ACTUAL

REAMING

CORING

COND MUD & CIRC

TRIPS

RIG SERVICE

REPAIR RIG

CUT OFF DRILL LINE

DEV. SURVEY

WIRELINE LOGS

RUN CSG & CEMENT

WAIT ON CEMENT

NIPPLE UP B.O.P.

TEST B.O.P.

DRILLSTEM TEST

PLUG BACK

SQUEEZE CEMENT

FISHING

DIR. WORK

SAFETY MEETING

MORN

DAY

EVE

TOTAL

1.25

0.75

0.25

2.00

0.25

9.50

3.75

1.25

SHALES SHAKER(S)

RENTALS / SERVICES

MORN

DAY

EVE

NO. TYPE TYPE

IT38 LOADER

SCREENS CHANGED NO NEW/ USED

CREW VEHICLE

180 89

180 89

89

NO.

DRILLING ASSEMBLY (AT END OF TOUR)

LENGTH

BIT RECORD

DAY TOUR

MUD RECORD

METRES DRILLED

TIME LOG

BIT

O.D.

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

Te

MDC

LOC

BRG

GAGE

ODC

REASON PULLED

TOTAL RUN m/Hr

HOLE CONDITION

HOLE DRAG

TORQUE AT BOTTOM

FILL ON BOTTOM (m)

MUD TYPE

GEL/CHEM

WATER BASED

X

OIL BASED

TIME

1000

1400

1800

DENSITY (kg/m3)

1050

1050

1050

FUNNEL VISCOSITY

50

50

50

FLUID LOSS (cm3)

pH

10

10

10

MUD MATERIALS ADDED

PRODUCT

AMOUNT

UNIT

CENTRIFUGE

HOURS RUN

INTAKE DENSITY (kg/m3)

OVER FLOW DENSITY

UNDER FLOW DENSITY

4

1050

1000

1730

4

1050

1000

1720

BOILERS

1

2

HRS RUN

12

HRS RUN

0

BOILER pH

12

BOILER pH

STACK TEMP

590

STACK TEMP

FROM

TO

D-R-C

RPM

WOB

FROM

TO

ELAPSED TIME

CODE

DETAILS OF OPERATIONS IN SEQUENCE & REMARKS

0

800

815

0.25

7

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

815

830

0.25

21

SAFETY MEETING (CEMENTING)

830

915

0.75

5

CONDITION MUD & CIRCULATE

915

930

0.25

21

SAFETY MEETING WITH SANJEL

930

1230

3.00

12

CEMENTING 2 STAGE CEMENT JOB WITH PACKER TOOL

1230

1245

0.25

21

SAFETY MEETING NIPPLE DOWN

1245

1630

3.75

14

NIPPLE DOWN B.O.P. SET CAISING SLIP, CUT CAISING

1630

2000

3.50

1

TEAR DOWN RIG EQUIPMENT

2000

IPSCO J55 LTC PRODUCTION CASING. LANDED AT 1449 KMB.

TWO STAGE CEMENT JOB WITH PACKER SET AT 566 MKB.

STAGE ONE; CEMENTED W/6 TONNES LEAD, THIXLITE + 1% SMS.

TAIL, 13 TONNES EXPANDOMIX LWL + 1% CFL-3 + .2% LTR + .2%

SPC-II. PLUG DOWN 11:14 WITH 2 M3 SCAVANGER CEMENT.

NOTES :

CHECKED CROWN BRAKE LINKAGES,PINS,TONGS AND TONGS LINES

MOTOR KILL,AIR HORN,BOP AND MANIFOLD SET UP,FLARE AND DEGASSER LINES

DRILLER SIGNATURE

SPECIAL EVENT

SAFETY TOPIC

MEHL

MACP

MAGELLA MAINGUY

TIME/DEPTH

CEMENTING

30

8591

EVENING