Daily Drilling - Detail (legal size)

Report Start Date: 2/21/2007
Report #: 14.0, DFS: 11.67
Depth Progress: 0.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-28	SLIPPERY	GOOD

Operation at 6am	Operations Next Report Period
WAIT ON DAYLIGHT TO MOVE	MOVE THE RIG

Operations Summary
TEAR OUT THE RIG AND EQUIPMENT. RIG RELEASED AT 24:00 HRS FEB 21/07

Remarks

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	8.00	8.00	08:00	1	RIGUP & TEARDOWN				TEAR DOWN
08:00	8.00	16.00	16:00	1	RIGUP & TEARDOWN				TEAR DOWN VISUALY INSPECT DERICK AND LAY OVER DC.
16:00	8.00	24.00	00:00	1	RIGUP & TEARDOWN				TEAR DOWN RIG RELEASED FEB 21 2007 24:00HRS

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
Gel 10 sec (Pa)	Gel 10 min (Pa)	Gel 30 min (Pa)	Filtrate (mL/30min)	Filter Cake (mm)	pH	Solids (%)
MBT (kg/m³)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
46,007	1,162,675
Daily Mud Cost	**Mud Additive Cost To Date**
	13,435
Depth Start (mKB)	**Depth End (mKB)**
1,589.0	1,589.0
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Daily Contacts

Job Contact	Mobile
DAVE CROWLEY	
BRIAN NEIGUM	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	2/20/2007

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
	No		

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
	No		

Mud Additive Amounts

Description	Cost (/unit)	Consumed

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Daily Drilling - Detail (legal size)

Report Start Date: 2/20/2007
Report #: 13.0, DFS: 10.67
Depth Progress: 0.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-28	SLIPPERY	GOOD
Operation at 6am		**Operations Next Report Period**	
TEAR OUT THE RIG		TEAR OUT RIG	

Operations Summary

LAY DOWN THE DRILL STRING. THE RIG RAT GIVE A FULSE ALARM. FINISH LAYING DOWN THE DRILL STRING. hOLD A SAFETY MEETING AND RUN CASING. WE RAN 121 JTS OF 139.7MM x 23.07 KG/M J-55 8RD LT&C CASING THE CASING IS LANDED AT 1589.59MKB. CIRCULATE THE CASING AND CONDITION THE MUD. HOLD A SAFETY MEETING AND RIG IN THE CEMENTERS. WE CEMENTED THE CASING WITH 22 TONNE OF THIXLITE + 1% SMS & 15 TONNE OF EXPANDOMIX LWL +1% CFL-3, .2% LTR,.2% SPC-II. WE NEVER BUMPED THE PLUG. THE FLOAT HELD WHEN WE RELEASED THE PRESSURE, WE STOPPED PUMPING AT 21:22 HRS FEB 20/07. TEAR OUT THE BOP'S AND SET THE SLIP'S WITH 33 DaN

Remarks

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	2.50	2.50	02:30	6	TRIPS				LAY OUT PIPE FLOW CHECK @ 1578,1482
02:30	0.25	2.75	02:45	22					FALSE H2S ALARM
02:45	4.75	7.50	07:30	6	TRIPS				FINISH LAY DWN PIPE FLOW @755,209,0
07:30	0.50	8.00	08:00	12	RUN CASING AND CEMENT				RIG UP TONG HAND GET READY FOR CASING
08:00	0.25	8.25	08:15	21	SAFETY MEETING				SAFETY MEETING WITH TONG HAND-ELEVATORS-55578
08:15	7.75	16.00	16:00	12	RUN CASING AND CEMENT				RUN CASING
16:00	1.75	17.75	17:45	12	RUN CASING AND CEMENT				RUN CASING
17:45	1.50	19.25	19:15	5	COND MUD & CIRC				CONDITION MUD & CIRCULATE
19:15	0.25	19.50	19:30	21	SAFETY MEETING				SAFETY MEETING WITH CEMENTERS
19:30	2.00	21.50	21:30	12	RUN CASING AND CEMENT				CEMENT CASING
21:30	2.00	23.50	23:30	14	NIPPLE UP B.O.P.				NIPPLE DOWN SLIPS SET AT 33,000 DAN
23:30	0.50	24.00	00:00	22					SET SLIPS @ 33,000 DaN CEMENT THE PRODUCTION CASING WITH 22 TONNE OF THIXLITE + 1%SMS & 15 TONNE OF EXPANDOMIX LWL +.1% CFL-3 + .2%LTR >2% SPC-II. WE NEVER BUMPED PLUG, THE FLOAT HELD WHEN WE RELEASED THE PRESS. STOPPED PUMPING AT 21:22 HRS FEB 20/07 BJN

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
	18:30		1060.0	50		
Gel 10 sec (Pa)	**Gel 10 min (Pa)**	**Gel 30 min (Pa)**	**Filtrate (mL/30min)**	**Filter Cake (mm)**	**pH**	**Solids (%)**
			12.0		10.5	
MBT (kg/m³)	**Percent Oil (%)**	**Percent Water (%)**	**Chlorides (mg/L)**	**Calcium (mg/L)**	**Potassium (mg/L)**	**Electric Stab (V)**

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
WOB (daN)	**RPM (rpm)**	**SPP (kPa)**	**Rot HL (daN)**	**PU HL (daN)**	**SO HL (daN)**	**Drilling Torque**	**Off Btm Tq**
Q (g inj) (m³/min)	**T (Inj) (°C)**	**P (BH Ann) (kPa)**	**T (bh) (°C)**	**P(Surf Ann) (kPa)**	**T (surf ann) (°C)**	**Q (liq rtrn) (m³/...**	**Q (g return) (m³...**

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
108,228	1,116,668
Daily Mud Cost	**Mud Additive Cost To Date**
504	13,435
Depth Start (mKB)	**Depth End (mKB)**
1,589.0	1,589.0
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Daily Contacts

Job Contact	Mobile
DAVE CROWLEY	
BRIAN NEIGUM	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	2/20/2007

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
	No		

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
	No		

Mud Additive Amounts

Description	Cost (/unit)	Consumed
DESCO	90.00	1.0
BARITE	18.00	23.0

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Well Name: PARA ET AL CAMERON A-03

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

Daily Drilling - Detail (legal size)

Report Start Date: 2/19/2007
Report #: 12.0, DFS: 9.67
Depth Progress: 0.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-29	SLIPPERY	GOOD

Operation at 6am	Operations Next Report Period
LAY DOWN THE DRILL COLLARS	RUN CASING,CEMENT TEAR OUT.

Operations Summary

WIPER TRIP BACK TO 1200 MKB, WE HAD SOME TIGHT HOLE AT 1406 MKB. RUN BACK IN AND CONDITION THE HOLE AND MUD. PULL OUT OF THE HOLE TO LOG. SAFETY MEETING WITH THE LOGGERS AND LOG THE WELL WITH MAI,MSS,MPD,MDN,MML,MGS,MTC,MFE,MCG FROM 1589.4 TO SURFACE. RUN IN THE HOLE TO LAY DOWN THE DRILL STRING. CIRCULATE AND CONDITION THE HOLE.

Remarks

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
180,637	1,008,440
Daily Mud Cost	**Mud Additive Cost To Date**
3,605	12,931
Depth Start (mKB)	**Depth End (mKB)**
1,589.0	1,589.0
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	0.50	0.50	00:30	5	COND MUD & CIRC				PUMP OUT OF TIGHT SPOT @1406
00:30	1.75	2.25	02:15	6	TRIPS				FINISH WIPER TRIP FLOW CHECK @ 1200 M
02:15	2.25	4.50	04:30	5	COND MUD & CIRC				CONDITION MUD & CIRCULATE
04:30	3.50	8.00	08:00	6	TRIPS				POOH FLOW CHECK @1583,1477,750
08:00	1.25	9.25	09:15	6	TRIPS				POOH-FLOW CHECK AT 160 AND OUT OF HOLE
09:15	0.25	9.50	09:30	7	RIG SERVICE				RIG SERVICE-FUNCTION BLIND RAMS-3SECS TO CLOSE , F/PIPE RAMS-3SECS TO CLOSE
09:30	0.25	9.75	09:45	21	SAFETY MEETING				SAFETY MEETING WITH LOGGERS
09:45	6.25	16.00	16:00	11	WIRELINE LOGS				WIRELINE LOGS-MAI,MSS,MPD,MDN,MML,...
16:00	3.00	19.00	19:00	11	WIRELINE LOGS				WIRELINE LOGS
19:00	2.25	21.25	21:15	6	TRIPS				RIH
21:15	0.25	21.50	21:30	5	COND MUD & CIRC				FILL PIPE
21:30	1.50	23.00	23:00	6	TRIPS				FINISH RIH
23:00	1.00	24.00	00:00	5	COND MUD & CIRC				CONDITION MUD & CIRCULATE

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
	10:00		1220.0	70		
Gel 10 sec (Pa)	**Gel 10 min (Pa)**	**Gel 30 min (Pa)**	**Filtrate (mL/30min)**	**Filter Cake (mm)**	**pH**	**Solids (%)**
			10.0		10.5	
MBT (kg/m³)	**Percent Oil (%)**	**Percent Water (%)**	**Chlorides (mg/L)**	**Calcium (mg/L)**	**Potassium (mg/L)**	**Electric Stab (V)**

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
WOB (daN)	**RPM (rpm)**	**SPP (kPa)**	**Rot HL (daN)**	**PU HL (daN)**	**SO HL (daN)**	**Drilling Torque**	**Off Btm Tq**
Q (g inj) (m³/min)	**T (Inj) (°C)**	**P (BH Ann) (kPa)**	**T (bh) (°C)**	**P(Surf Ann) (kPa)**	**T (surf ann) (°C)**	**Q (liq rtrn) (m³/...**	**Q (g return) (m³...**

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	**Max Open Hole AV (m/min)**	**Min Casing AV (m/min)**	**Min Open Hole AV (m/min)**	**ECD End (kg/m³)**

Error

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Daily Contacts

Job Contact	Mobile
DAVE CROWLEY	
BRIAN NEIGUM	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	2/19/2007

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
3,428	Yes	63	

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
3,512	Yes	63	

Mud Additive Amounts

Description	Cost (/unit)	Consumed
ALKAPAM 1103D	239.00	3.0
HUMALITE	14.00	3.0
SAWDUST	5.00	12.0
ENVIROFLOC	47.00	12.0
BARITE	18.00	55.0
GEL	14.00	88.0

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Well Name: PARA ET AL CAMERON A-03

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

Daily Drilling - Detail (legal size)

Report Start Date: 2/18/2007
Report #: 11.0, DFS: 8.67
Depth Progress: 209.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-26	SLIPPERY	GOOD
Operation at 6am		**Operations Next Report Period**	
PULL OUT TO LOG		LOG ,LDDS,RUN CASING	

Operations Summary
FINISH RUNNING IN FROM PLUGGED JETS. DRILL AND SURVEY FROM 1380-1589 MKB. HOLD A BOP DRILL AND RIG SERVICE. CIRULATE THE SAMPLE AND WIPER TRIP BACK TO 1200 MKB.

Remarks

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
45,265	827,803
Daily Mud Cost	**Mud Additive Cost To Date**
2,352	9,326
Depth Start (mKB)	**Depth End (mKB)**
1,380.0	1,589.0
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
1,379.95	
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	0.50	0.50	00:30	6	TRIPS				FINISH RIH
00:30	0.25	0.75	00:45	5	COND MUD & CIRC				FILL PIPE
00:45	0.25	1.00	01:00	7	RIG SERVICE				RIG SERVICE FUNCTION TEST ANNULAR 12 SECS TO CLOSE
01:00	6.50	7.50	07:30	2	DRILL ACTUAL				DRILL F/1380 TO 1436
07:30	0.50	8.00	08:00	10	DEV. SURVEY				DEVIATION SURVEY
08:00	0.25	8.25	08:15	22					BOP DRILL- WELL SECURE IN 95 SECS.
08:15	7.50	15.75	15:45	2	DRILL ACTUAL				DRILL 1436 TO 1521
15:45	0.25	16.00	16:00	7	RIG SERVICE				RIG SERVICE-FUNCTION PIPE RAMS-3SECS. TO CLOSE-FUNCTION MOTOR KILLS
16:00	5.25	21.25	21:15	2	DRILL ACTUAL				DRILL 1521 TO 1589
21:15	0.25	21.50	21:30	22					BOP DRILL 95 SECS TO SECURE WELL
21:30	0.25	21.75	21:45	7	RIG SERVICE				RIG SERVICE FUNCTION TEST ANNULAR 12 SECS TO CLOSE
21:45	0.50	22.25	22:15	10	DEV. SURVEY				DEVIATION SURVEY
22:15	1.75	24.00	00:00	6	TRIPS				WIPER TRIP FLOW CHECK @1584 1506 1200

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
	16:30		1125.0	50		
Gel 10 sec (Pa)	**Gel 10 min (Pa)**	**Gel 30 min (Pa)**	**Filtrate (mL/30min)**	**Filter Cake (mm)**	**pH**	**Solids (%)**
			10.0		11.0	
MBT (kg/m³)	**Percent Oil (%)**	**Percent Water (%)**	**Chlorides (mg/L)**	**Calcium (mg/L)**	**Potassium (mg/L)**	**Electric Stab (V)**

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

Drill Strings

BHA #5, Drilling Assembly

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)
2	200.0mm, MKS55, 3174	1-1-NO-A-X-1-NO-TD	583

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...
10.3/10.3/10.3/10.3/10.3/10.3/10.3	1,584.46		10.9

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread
Drill pipe - Singles	1			9.39	
Drill pipe - Stands	71			1,337.85	
H.W.D.P.	8	101.0		74.97	
X/O		163.0		0.69	
D.C.	4	159.0		37.53	
JAR		163.0		4.95	
D.C.	11	161.0		103.72	
SHOCK SUB		161.0		2.12	
STAB		191.0		1.61	
D.C.	1	161.0		9.38	
TORQUE SUB		160.0		1.97	

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	1,380.00	1,436.00	56.00	6.50	6.50	8.6	
WOB (daN)	**RPM (rpm)**	**SPP (kPa)**	**Rot HL (daN)**	**PU HL (daN)**	**SO HL (daN)**	**Drilling Torque**	**Off Btm Tq**
7	80	8,760					
Q (g inj) (m³/min)	**T (Inj) (°C)**	**P (BH Ann) (kPa)**	**T (bh) (°C)**	**P(Surf Ann) (kPa)**	**T (surf ann) (°C)**	**Q (liq rtrn) (m³/...**	**Q (g return) (m³...**

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	**Max Open Hole AV (m/min)**	**Min Casing AV (m/min)**	**Min Open Hole AV (m/min)**	**ECD End (kg/m³)**

Error
A casing component contains a null value in ID

Daily Contacts

Job Contact	Mobile
BRIAN NEIGUM	
DAVE CROWLEY	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	2/18/2007

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
4,130	Yes	58	

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
3,610	Yes	60	

Mud Additive Amounts

Description	Cost (/unit)	Consumed
CAUSTIC	65.00	1.0
DRISPAC REG	300.00	2.0
HUMALITE	14.00	4.0
DESCO	90.00	2.0
CAUSTIC	65.00	3.0
DRISPAC REG	300.00	4.0
HUMALITE	14.00	4.0

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)
1,584.00	0.34		1,583.94

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Well Name: PARA ET AL CAMERON A-03

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	1,436.00	1,521.00	141.00	7.50	14.00	11.3	
WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
7	80	9,000					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error
A casing component contains a null value in ID

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	1,521.00	1,589.00	209.00	5.25	19.25	13.0	
WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
8	80	9,000					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error
A casing component contains a null value in ID

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

Daily Drilling - Detail (legal size)

Report Start Date: 2/17/2007
Report #: 10.0, DFS: 7.67
Depth Progress: 111.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-26	SLIPPERY	GOOD
Operation at 6am		**Operations Next Report Period**	
DRILL MAIN HOLE AT 1427		FINISH DRILLING MAIN HOLE AND PERPARE TO LOG	

Operations Summary
TRIP FOR PLUGGED JETS. DRILL FROM 1269-1380 WITH PARTIAL PLUGGED JETS, THE PRESSURE GOT TO HIGH AND WE HAD TO TRIP FOR JETS. I PREPARED THE NEW BIT WITH HOME MADE JET SEALS AND RUN BACK IN TO PREVENT THEM FROM PLUGGING. FINISH RUNNING IN.

Remarks

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
38,365	782,538
Daily Mud Cost	**Mud Additive Cost To Date**
1,756	6,974
Depth Start (mKB)	**Depth End (mKB)**
1,269.0	1,380.0
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
1,268.95	1,379.95
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	0.25	0.25	00:15	7	RIG SERVICE				RIG SERVICE FUNCTION TEST PIPE RAMS 3 SECS TO CLOSE
00:15	0.50	0.75	00:45	5	COND MUD & CIRC				CIRCULATE
00:45	4.25	5.00	05:00	6	TRIPS				POOH PLUGED JET-FLOW CHECK AT 1263, 1177,631,237,0-F/BLIND RAMS-3SECS TO CLOSE
05:00	3.00	8.00	08:00	6	TRIPS				TRIPS RIH
08:00	0.25	8.25	08:15	6	TRIPS				RIH
08:15	0.50	8.75	08:45	5	COND MUD & CIRC				CIRC-PUMP WATER SWEEPS
08:45	4.00	12.75	12:45	2	DRILL ACTUAL				DRILL 1269 TO 1342
12:45	0.25	13.00	13:00	10	DEV. SURVEY				DEVIATION SURVEY AT 1329
13:00	0.25	13.25	13:15	7	RIG SERVICE				RIG SERVICE- FUNCTION ANNULAR -12SECS. TO CLOSE
13:15	2.75	16.00	16:00	2	DRILL ACTUAL				DRILL 1342 TO 1376
16:00	0.50	16.50	16:30	2	DRILL ACTUAL				DRILL 1376 TO 1380
16:30	0.50	17.00	17:00	5	COND MUD & CIRC				CONDITION MUD & CIRCULATE
17:00	3.50	20.50	20:30	6	TRIPS				POOH-FLOW CHECK AT 1365,AT 1288, AT 695,238,0
20:30	0.25	20.75	20:45	7	RIG SERVICE				RIG SERVICE FUNCTION TEST BLIND RAMS 3 SECS TO CLOSE
20:45	1.25	22.00	22:00	6	TRIPS				RIH
22:00	0.75	22.75	22:45	9	CUT OFF DRILLING LINE				CUT OFF DRILLING LINE
22:45	1.25	24.00	00:00	6	TRIPS				CONTINUE RIH

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
	17:00		1150.0	45		
Gel 10 sec (Pa)	**Gel 10 min (Pa)**	**Gel 30 min (Pa)**	**Filtrate (mL/30min)**	**Filter Cake (mm)**	**pH**	**Solids (%)**
			10.0		10.5	
MBT (kg/m³)	**Percent Oil (%)**	**Percent Water (%)**	**Chlorides (mg/L)**	**Calcium (mg/L)**	**Potassium (mg/L)**	**Electric Stab (V)**

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

Drill Strings

BHA #4, Drilling Assembly

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)
1RR	200.0mm, MKS55, 2722	4-4-CT-A-X-1-LT-PP	583

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...
10.3/10.3/10.3/10.3/10.3/10.3/10.3	1,367.38		21.1

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread
Drill pipe - Stands	60			1,130.16	
H.W.D.P.	8	101.0		74.97	
X/O		163.0		0.69	
D.C.	4	159.0		37.53	
JAR		163.0		4.95	
D.C.	11	161.0		103.72	
SHOCK SUB		161.0		2.12	
STAB		191.0		1.61	
D.C.	1	161.0		9.38	
TORQUE SUB		160.0		1.97	

Daily Contacts

Job Contact	Mobile
DAVE CROWLEY	
BRIAN NEIGUM	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	2/17/2007

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
3,893	Yes	62	

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
3,650	Yes	61	

Mud Additive Amounts

Description	Cost (/unit)	Consumed
SAWDUST	5.00	15.0
BARITE	18.00	20.0
DESCO	90.00	1.0
CAUSTIC	65.00	1.0
DRISPAC REG	300.00	2.0
HUMALITE	14.00	4.0
BARITE	18.00	20.0
SAWDUST	5.00	30.0

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)
1,329.00	0.18		1,328.95
1,424.00	0.50		1,423.95

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Daily Drilling - Detail (legal size)

Report Start Date: 2/17/2007
Report #: 10.0, DFS: 7.67
Depth Progress: 111.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	1,269.00	1,376.00	646.00	6.75	30.25	15.9	
WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
8	95	10,900					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error
A casing component contains a null value in ID

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	1,376.00	1,380.00	650.00	0.50	30.75	8.0	
WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
8	95	0					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error
A casing component contains a null value in ID

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

Daily Drilling - Detail (legal size)

Report Start Date: 2/16/2007
Report #: 9.0, DFS: 6.67
Depth Progress: 294.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-26	SLIPPERY	GOOD
Operation at 6am		**Operations Next Report Period**	
FINISH RUNNING BACK IN		DRILL MAIN HOLE	

Operations Summary

DRILL AND SURVEY FROM 975-1265 MKB. WE HAD A JET PLIG AT 1250 MKB AND TRIED TO UNPLUG IT WHILE DRILLING 1 SINGLE. TRIP THE BIT FOR A PLUGGED JET. THERE WAS A SURVEY BARREL FEATHER STUCK IN THE JET. RUN BACK IN AND THE JETS WERE PLUGGED AGAIN. WE COULDN'T GET THEM UNPLUG SO WE HAD TO TRIP OUT AGAIN.

Remarks

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	2.50	2.50	02:30	2	DRILL ACTUAL				DRILL F/975 TO 1041
02:30	0.25	2.75	02:45	10	DEV. SURVEY				DEVIATION SURVEY
02:45	0.25	3.00	03:00	7	RIG SERVICE				RIG SERVICE FUNCTION TEST ANNULAR 12 SECS TO CLOSE
03:00	4.00	7.00	07:00	2	DRILL ACTUAL				DRILL F/1041 TO 1135
07:00	0.25	7.25	07:15	10	DEV. SURVEY				DEVIATION SURVEY
07:15	0.75	8.00	08:00	2	DRILL ACTUAL				DRILL F/1135 TO 1163
08:00	3.75	11.75	11:45	2	DRILL ACTUAL				DRILL 1163 to 1238
11:45	0.25	12.00	12:00	10	DEV. SURVEY				DEVIATION SURVEY AT 1225
12:00	1.00	13.00	13:00	2	DRILL ACTUAL				DRILL 1238 TO 1250
13:00	1.25	14.25	14:15	5	COND MUD & CIRC				CIRC-TRY TO UNPLUG JET
14:15	0.50	14.75	14:45	2	DRILL ACTUAL				DRILL 1250 TO 1265
14:45	0.25	15.00	15:00	7	RIG SERVICE				RIG SERVICE-FUNCTION PIPE RAMS-3SECS. TO CLOSE
15:00	1.00	16.00	16:00	6	TRIPS				POOH-FLOW CHECK AT 1253, AT 1175
16:00	3.00	19.00	19:00	6	TRIPS				POOH - FLOW CHECK AT 639, AT 196, AND OUT OF HOLE-SURVEY TOOL FEATHER STUCK IN JET
19:00	3.00	22.00	22:00	6	TRIPS				RIH
22:00	0.25	22.25	22:15	3	REAMING				WASH 2 SINGLES DOWN
22:15	0.25	22.50	22:30	7	RIG SERVICE				RIG SERVICE FUNCTION TEST BLIND RAMS 3 SECS TO CLOSE
22:30	0.50	23.00	23:00	2	DRILL ACTUAL				DRILL F/ 1265 TO 1269
23:00	1.00	24.00	00:00	5	COND MUD & CIRC				TRY TO UNPLUG JET

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
	15:30		1030.0	43		
Gel 10 sec (Pa)	**Gel 10 min (Pa)**	**Gel 30 min (Pa)**	**Filtrate (mL/30min)**	**Filter Cake (mm)**	**pH**	**Solids (%)**
			20.0		11.0	
MBT (kg/m³)	**Percent Oil (%)**	**Percent Water (%)**	**Chlorides (mg/L)**	**Calcium (mg/L)**	**Potassium (mg/L)**	**Electric Stab (V)**

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

Drill Strings

BHA #4, Drilling Assembly

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)
1RR	200.0mm, MKS55, 2722	4-4-CT-A-X-1-LT-PP	583

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...
10.3/10.3/10.3/10.3/10.3/10.3/10.3	1,367.38		21.1

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread
Drill pipe - Stands	60			1,130.16	
H.W.D.P.	8	101.0		74.97	
X/O		163.0		0.69	
D.C.	4	159.0		37.53	
JAR		163.0		4.95	
D.C.	11	161.0		103.72	
SHOCK SUB		161.0		2.12	
STAB		191.0		1.61	
D.C.	1	161.0		9.38	
TORQUE SUB		160.0		1.97	

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
42,769	744,173
Daily Mud Cost	**Mud Additive Cost To Date**
1,574	5,218
Depth Start (mKB)	**Depth End (mKB)**
975.0	1,269.0
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
974.96	1,268.95
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Daily Contacts

Job Contact	Mobile
BRIAN NEIGUM	
DAVE CROWLEY	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	2/16/2007

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8
Liner Size (mm)	**Vol/Stk OR (m³/stk)**	
152.0		
Pres (kPa)	**Slow Spd**	**Strokes (sp...**	**Eff (%)**
2,305	Yes	65	

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0
Liner Size (mm)	**Vol/Stk OR (m³/stk)**	
152.0		
Pres (kPa)	**Slow Spd**	**Strokes (sp...**	**Eff (%)**
3,343	Yes	62	

Mud Additive Amounts

Description	Cost (/unit)	Consumed
CAUSTIC	65.00	2.0
SODA ASH	20.00	8.0
BARITE	18.00	20.0
GEL	14.00	66.0

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)
1,225.00	0.45		1,224.95

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Well Name: PARA ET AL CAMERON A-03

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	975.00	1,163.00	433.00	7.25	17.50	25.9	
WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
7	95	5,390					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error
A casing component contains a null value in ID

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	1,163.00	1,265.00	535.00	5.25	22.75	19.4	
WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
7	100	7,000					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error
A casing component contains a null value in ID

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	1,265.00	1,269.00	539.00	0.75	23.50	5.3	
WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
6	95	8,100					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error
A casing component contains a null value in ID

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

Daily Drilling - Detail (legal size)

Report Start Date: 2/15/2007
Report #: 8.0, DFS: 5.67
Depth Progress: 245.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-17	SLIPPERY	GOOD WITH MINER LOSS'S

Operation at 6am	Operations Next Report Period
DRILLING MAINHOLE AT 11400 MKN @07:00 HRS	DRILL MAIN HOLE

Operations Summary

PUMP PLUG #3 4 TONNE OF RAS-II WITH 1% QSR, OUR PIPE WAS AT 612 MKB, THE PLUG LENGTH WITH THE PIPE OUT OF THE HOLE WAS 109 METERS. CIRCULATE WHILE WAITING ON CEMENT. WE TAGGED THE CEMENT AT 525 MKB. LAY DOWN THE DRILL PIPE, MAKE UP THE BHA AND RUN IN TO DRILL OUT THE CEMENT. DRILL OUT THE CEMENT FROM 525-730 MKB. DRILL NEW HOLE FROM 730 -975 MKB WITH RIG SERVICES AND FUNTION TESTS.

Remarks

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
76,525	701,404
Daily Mud Cost	**Mud Additive Cost To Date**
1,022	3,644
Depth Start (mKB)	**Depth End (mKB)**
730.0	975.0
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
729.97	974.96
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	0.25	0.25	00:15	17	PLUG BACK				PLUG BACK FINISH PLUG #3 4 TONNE OF RAS-II +1% QSR
00:15	0.50	0.75	00:45	6	TRIPS				TRIPS PULL BACK 8 STANDS
00:45	1.25	2.00	02:00	5	COND MUD & CIRC				CIRCULATE 49 SINGLES IN HOLE
02:00	0.25	2.25	02:15	6	TRIPS				RIH TAG CEMENT AT 525M
02:15	1.50	3.75	03:45	6	TRIPS				LAY OUT DRILL PIPE
03:45	0.25	4.00	04:00	7	RIG SERVICE				RIG SERVICE FUNCTION TEST BLINDS 3 SECS TO CLOSE
04:00	2.00	6.00	06:00	6	TRIPS				MAKE UP BHA AND RIH
06:00	2.00	8.00	08:00	22					DRILL OUT CEMENT F/ 525 TO 570
08:00	4.50	12.50	12:30	22					DRILL OUT CEMENT 570 TO 730 MKB
12:30	0.50	13.00	13:00	2	DRILL ACTUAL				DRILL 730 to 749
13:00	0.25	13.25	13:15	10	DEV. SURVEY				DEVIATION SURVEY AT 736
13:15	0.25	13.50	13:30	7	RIG SERVICE				RIG SERVICE- FUNCTION ANNULAR - SECS. TO CLOSE
13:30	2.50	16.00	16:00	2	DRILL ACTUAL				DRILL 749 to 834
16:00	1.25	17.25	17:15	2	DRILL ACTUAL				DRILL 834 TO 852
17:15	0.25	17.50	17:30	10	DEV. SURVEY				DEVIATION SURVEY AT 839
17:30	4.50	22.00	22:00	2	DRILL ACTUAL				DRILL 852 TO 947
22:00	0.25	22.25	22:15	10	DEV. SURVEY				DEVIATION SURVEY
22:15	0.25	22.50	22:30	7	RIG SERVICE				RIG SERVICE FUNCTION TEST PIPES 3 SECS TO CLOSE
22:30	1.50	24.00	00:00	2	DRILL ACTUAL				DRILL F/947 TO 975

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
Gel 10 sec (Pa)	Gel 10 min (Pa)	Gel 30 min (Pa)	Filtrate (mL/30min)	Filter Cake (mm)	pH	Solids (%)
MBT (kg/m³)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

Drill Strings

BHA #4, Drilling Assembly

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)
1RR	200.0mm, MKS55, 2722	4-4-CT-A-X-1-LT-PP	583

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...
10.3/10.3/10.3/10.3/10.3/10.3/10.3	1,367.38		21.1

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread
Drill pipe - Stands	60			1,130.16	
H.W.D.P.	8	101.0		74.97	
X/O		163.0		0.69	
D.C.	4	159.0		37.53	
JAR		163.0		4.95	
D.C.	11	161.0		103.72	
SHOCK SUB		161.0		2.12	
STAB		191.0		1.61	
D.C.	1	161.0		9.38	
TORQUE SUB		160.0		1.97	

Daily Contacts

Job Contact	Mobile
BRIAN NEIGUM	
DAVE CROWLEY	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	2/15/2007

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
406	Yes	69	

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
1,720	Yes	66	

Mud Additive Amounts

Description	Cost (/unit)	Consumed
ALKAPAM 1103D	239.00	1.0
CAUSTIC	65.00	1.0
SODA ASH	20.00	2.0
ENVIROFLOC	47.00	4.0
GEL	14.00	35.0

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)
736.00	0.60		735.97
839.00	0.48		838.96
937.00	0.37		936.96
1,031.00	0.13		1,030.96
1,125.00	0.61		1,124.96

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Well Name: PARA ET AL CAMERON A-03

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	730.00	834.00	104.00	3.00	3.00	34.7	
WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
6	95	5,100					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	**Max Open Hole AV (m/min)**	**Min Casing AV (m/min)**	**Min Open Hole AV (m/min)**	**ECD End (kg/m³)**

Error
A casing component contains a null value in ID

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	834.00	975.00	245.00	7.25	10.25	19.4	
WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
7	95	5,424					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	**Max Open Hole AV (m/min)**	**Min Casing AV (m/min)**	**Min Open Hole AV (m/min)**	**ECD End (kg/m³)**

Error
A casing component contains a null value in ID

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

Daily Drilling - Detail (legal size)

Report Start Date: 2/14/2007
Report #: 7.0, DFS: 4.67
Depth Progress: 0.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-17	SLIPPERY	GOOD
Operation at 6am		**Operations Next Report Period**	
DRILL OUT CEMENT AT 570 MKB AT 07:30		DRILL MAIN HOLE	

Operations Summary

PUMP PLUG #1 7 TONNE OF RAS-II WITH .1%QSR. WE PULLED 13 STANDS AND WAITED 1 HR TO FEEL THE PLUG. WE RUN BACK IN AND TAGGED THE PLUG AT 604MKB. PUMP PLUG #2 3.5 TONNE OF RAS-II WITH 1% QSR. WE HAD TO WAIT 1.75 HRS TO FEEL THIS PLUG, WE FELT THE PLUG AT 510 MKB. PULL OUT OF THE HOLE AND LAY DOWN DRILL PIPE. MAKE UP THE BIT AND RUN BACK IN, SLIP AND CUT THE DRILLING LINE. FINISH RUNNING BACK INTO 510 MKB. DRILL OUT THE CEMENT FROM 510--617 MKB WE HAD LOSSES AGAIN AS SOON AS WE DRILL PAST 529 MKB. BETWEEN 529 AND 588 MKB WE LOST 4.6 M3 IN 53 MIN'S. I DRILLED AHEAD TO 610MKB. PULLED OUT AND RUN BACK IN TO RUN ANOTHER PLUG. CIRCULATE AND WAIT ON THE CEMENTERS. HOLD A JOB DISCUSSION AND PUMP PLUG #3, 4 TONNE OF RAS-II WITH 1% QSR.

Remarks

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	0.75	0.75	00:45	22	CEMENT PLUG #				CEMENT PLUG #1 77 SINGLES IN HOLE PUMP 7 TONNE RAS
00:45	0.75	1.50	01:30	6	TRIPS				TRIPS PULL 13 STANDS
01:30	1.25	2.75	02:45	5	COND MUD & CIRC				CIRCULATE 51 SINGLES IN HOLE
02:45	0.50	3.25	03:15	6	TRIPS				RIH FEEL FOR PLUG TAGED AT 604M
03:15	1.50	4.75	04:45	22	CEMENT PLUG #				CEMENT PLUG # 2 64 SINGLES IN HOLE PUMP 3.5 TONNE RAS
04:45	0.50	5.25	05:15	6	TRIPS				PULL 7 STANDS
05:15	1.75	7.00	07:00	5	COND MUD & CIRC				CIRCULATE 50 SINGLES IN HOLE
07:00	1.00	8.00	08:00	6	TRIPS				RIH FEEL FOR PLUG-HIT PLUG AT 510m
08:00	1.25	9.25	09:15	6	TRIPS				POOH-LAY DOWN DRILL PIPE
09:15	1.75	11.00	11:00	6	TRIPS				RIH
11:00	0.75	11.75	11:45	9	CUT OFF DRILLING LINE				CUT OFF DRILLING LINE RIH DRILL OUT CEMENT
11:45	8.00	19.75	19:45	INA...					

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
Gel 10 sec (Pa)	Gel 10 min (Pa)	Gel 30 min (Pa)	Filtrate (mL/30min)	Filter Cake (mm)	pH	Solids (%)
MBT (kg/m³)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
93,590	624,879
Daily Mud Cost	**Mud Additive Cost To Date**
	2,622
Depth Start (mKB)	**Depth End (mKB)**
730.0	730.0
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
729.97	729.97
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
11.75	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Daily Contacts

Job Contact	Mobile
DAVE CROWLEY BRIAN NEIGUM	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	2/14/2007

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
423	Yes	69	

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
	No		

Mud Additive Amounts

Description	Cost (/unit)	Consumed

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

Daily Drilling - Detail (legal size)

Report Start Date: 2/13/2007
Report #: 6.0, DFS: 3.67
Depth Progress: 273.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-27	SLIPPERY	WE HAD PARTIAL LOSSES

Operation at 6am	Operations Next Report Period
WAIT ON CEMENT TO TAG PLUG #2	DRILL MAIN HOLE

Operations Summary

DRILL AND SURVEY FROM 457-730 MKB WITH RIG SERVICES AND BOP DRILLS. WE HAD PARTIAL LOSS CIRCULATION AT 553 MKB IT AVERAGED 4.2M3 PER HOUR TILL WE GOT TO 730 MKB THE FORTSIMPSON SHALE.pULL OUT OF THE HOLETO RUN PLUGS AND RUN BACK IN OPEN ENDED. CIRCULATE AND WAIT ON THE CEMENTERS, THEY ONLY HAD 12 TONNE OF CEMENT FOR LOSSES IN TOWN AND MY ORDER WAS 14 TONNE. sAFETY MEETING WITH THE CEMENTERS.

Remarks

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	2.75	2.75	02:45	2	DRILL ACTUAL				DRILL F/457 TO 541
02:45	0.25	3.00	03:00	10	DEV. SURVEY				DEVIATION SURVEY
03:00	0.25	3.25	03:15	7	RIG SERVICE				RIG SERVICE FUNCTION TEST ANNULAR 12 SECS TO CLOSE
03:15	4.75	8.00	08:00	2	DRILL ACTUAL				DRILL F/541 TO 626 WE STARTED TO LOSE CIRCULATION AT 553MKB IT AVERAGED 4.2M3 PER HOUR THROUGH THE WABAMUN.
08:00	0.25	8.25	08:15	22					BOP DRILL -WELL SECURE IN 95 SECS.
08:15	1.25	9.50	09:30	2	DRILL ACTUAL				DRILL 626 TO 645
09:30	0.25	9.75	09:45	10	DEV. SURVEY				DEVIATION SURVEY AT 632
09:45	4.50	14.25	14:15	2	DRILL ACTUAL				DRILL 645 TO 730
14:15	0.25	14.50	14:30	5	COND MUD & CIRC				CIRC
14:30	0.25	14.75	14:45	7	RIG SERVICE				RIG SERVICE-FUNCTION PIPE RAMS-3 SECS. TO CLOSE
14:45	1.25	16.00	16:00	6	TRIPS				POOH -FLOW CHECK AT 716, AT 657, AT 351
16:00	1.50	17.50	17:30	6	TRIPS				POOH-FLOW CHECK OUT OF HOLE
17:30	2.75	20.25	20:15	6	TRIPS				RIH OPEN ENDED-PICK UP SINGLES
20:15	0.25	20.50	20:30	7	RIG SERVICE				RIG SERVICE FUNCTION TEST REMOTE CHOKE 30 SECS TO CLOSE
20:30	3.25	23.75	23:45	5	COND MUD & CIRC				CICULATE AND WAIT ON CEMENETERS THEY WHERE SHORT RAS CEMENT FOR MY ORDER
23:45	0.25	24.00	00:00	21	SAFETY MEETING				SAFETY MEETING WITH CEMENTERS

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
Gel 10 sec (Pa)	Gel 10 min (Pa)	Gel 30 min (Pa)	Filtrate (mL/30min)	Filter Cake (mm)	pH	Solids (%)
MBT (kg/m³)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

Drill Strings

BHA #3, Drilling Assembly

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)
1	200.0mm, MKS55, 2722	------	583

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...
10.3/10.3/10.3/10.3/10.3/10.3/10.3	717.31		20.6

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread
Drill pipe - Singles	1			9.38	
Drill pipe - Stands	25			470.71	
H.W.D.P.	8	101.0		74.97	
X/O		159.0		0.69	
D.C.	4	163.0		37.53	
JAR		159.0		4.95	
D.C.	11	163.0		103.72	
SHOCK SUB		161.0		2.12	

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
38,365	531,289
Daily Mud Cost	**Mud Additive Cost To Date**
	2,622
Depth Start (mKB)	**Depth End (mKB)**
457.0	730.0
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
456.97	729.97
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Daily Contacts

Job Contact	Mobile
DAVE CROWLEY	
BRIAN NEIGUM	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	2/13/2007

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
1,396	Yes	67	

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
796	Yes	69	

Mud Additive Amounts

Description	Cost (/unit)	Consumed

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)
632.00	0.44		631.97

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Well Name: PARA ET AL CAMERON A-03

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread
STAB		191.0		1.61	
D.C.		161.0		9.38	
TORQUE SUB		160.0		1.97	

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	457.00	626.00	190.00	7.50	8.50	22.5	
WOB (daN)	**RPM (rpm)**	**SPP (kPa)**	**Rot HL (daN)**	**PU HL (daN)**	**SO HL (daN)**	**Drilling Torque**	**Off Btm Tq**
6	80	3,500					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Aree (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressura Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	**Max Open Hole AV (m/min)**	**Min Casing AV (m/min)**	**Min Open Hole AV (m/min)**	**ECD End (kg/m³)**

Error
A casing component contains a null value in ID

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	626.00	730.00	294.00	5.75	14.25	18.1	
WOB (daN)	**RPM (rpm)**	**SPP (kPa)**	**Rot HL (daN)**	**PU HL (daN)**	**SO HL (daN)**	**Drilling Torque**	**Off Btm Tq**
7	85	4,000					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	**Max Open Hole AV (m/min)**	**Min Casing AV (m/min)**	**Min Open Hole AV (m/min)**	**ECD End (kg/m³)**

Error
A casing component contains a null value in ID

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

Daily Drilling - Detail (legal size)

Report Start Date: 2/12/2007
Report #: 5.0, DFS: 2.67
Depth Progress: 21.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-29	SLIPPERY	GOOD
Operation at 6am		**Operations Next Report Period**	
DRILL MAIN HOLE AT 600 MKB		DRILL MAIN HOLE	

Operations Summary

CIRCULATE THE CASING AND HOLD A SAFETY MEETING WITH SANJEL CEMENTERS. RIG IN AND CEMENT THE CASING WITH 31 TONNE OF 0-1-0G + 1.5% CACL2, WE GOT BACK 8M3 OF GOOD CEMENT RETURNS, PLUG DOWN AT 02:17 HRS FEB 12/07. WAIT ON THE CEMENT AND LAY DOWN THE DIVERTER. WELD ON THE CASING BOUL AND NIPPLE UP THE BOP'S. PRESSURE THEST THE BLIND RAM'S, PIPE RAM'S, ANNULAR, INSIDE BOP, STABBING VALVE, UPPER AND LOWER KELLY COCK 1500/10500 KPA FOR 15 MIN'S. PRESSURE TEST THE MANIFOLD VALVES, HCR VALVES, KILL LINE VALVES 1500/10500 KPA FOR 1500/10500 KPA 15 MIN'S EACH. DO AN ACCUMULATOR FUNTION TEST START PRESS 20000 KPS REMAINING PRESS 15000 KPA, RECHARGE TIME 62 SEC. N2 BOTTELS 2 @ 14000 1 @ 15400 KPA.. DO A BOP DRILL AND FUNCTION THE MOTOR KILL'S. MAKE UP THE BHA AND RUN IN. DRILL OUT AND RILL TO 447 MKB. RUN A LEAK OFF TEST. WE GOT A LEAK OFF GRADIENT OFF 30.22 KPA/M. DRILL AHAED TO 457 MKB.

Remarks

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	1.00	1.00	01:00	5	COND MUD & CIRC				CIRCULATE
01:00	0.25	1.25	01:15	21	SAFETY MEETING				SAFETY MEETING WITH CEMENTERS
01:15	1.25	2.50	02:30	12	RUN CASING AND CEMENT				CEMENT .5 STICK UP
02:30	4.00	6.50	06:30	13	WAIT ON CEMENT				WAIT ON CEMENT
06:30	1.00	7.50	07:30	22	LAY OUT DIVERTER				LAY OUT DIVERTER
07:30	0.50	8.00	08:00	23	WELD BOWL				WELD BOWL cement the casing with 31 tonne of 0-1-0 G + 1.5% cacl2. we got back 8m3 of good cement returns plug down at 02:17 hrs feb 12/07 bjn
08:00	1.00	9.00	09:00	23	WELD BOWL				WELD BOWL
09:00	5.00	14.00	14:00	14	NIPPLE UP B.O.P.				NIPPLE UP B.O.P.
14:00	2.00	16.00	16:00	15	TEST B.O.P.				TEST BOPS-LOW I500kpa(15 mins) HIGH 10500 KPA (15MIN) TEST THE BLINDS,PIPE RAMS ANNULAR,HCR,ALL BOP VALVES,INSIDE BOP,STABBING
16:00	3.00	19.00	19:00	15	TEST B.O.P.				TEST B.O.P.- TEST UPPER AND LOWER KELLY VALVES, DO ACCUMULATOR FUNCTION TEST,TEST ALL MANIFOLD VALVES AND LINES 1500 AND 10500 KPA FOR 15 MINS
19:00	2.50	21.50	21:30	6	TRIPS				TRIPS MAKE UP BHA RIH
21:30	0.25	21.75	21:45	25	BOP DRILL				BOP DRILL N MOTOR KILLS 90 SECS TO SECURE WELL
21:45	0.50	22.25	22:15	26	DRILL OUT				DRILL OUT FLOAT TAGED AT 430.6M SHOE AT 436
22:15	0.75	23.00	23:00	2	DRILL ACTUAL				DRILL F/436 TO 447
23:00	0.25	23.25	23:15	5	COND MUD & CIRC				CIRCULATE HOLE CLEAN
23:15	0.25	23.50	23:30	15	TEST B.O.P.				LEAK OFF TEST
23:30	0.25	23.75	23:45	2	DRILL ACTUAL				DRILL F/447 TO 457
23:45	0.25	24.00	00:00	7	RIG SERVICE				RIG SERVICE FUNCTION ANNULAR 12 SECS TO CLOSE PIPES 3 SECS TO CLOSE

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
Gel 10 sec (Pa)	Gel 10 min (Pa)	Gel 30 min (Pa)	Filtrate (mL/30min)	Filter Cake (mm)	pH	Solids (%)
MBT (kg/m³)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
44,306	492,924
Daily Mud Cost	**Mud Additive Cost To Date**
1,951	2,622
Depth Start (mKB)	**Depth End (mKB)**
436.0	457.0
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
435.97	456.97
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Daily Contacts

Job Contact	Mobile
BRIAN NEIGUM	
DAVE CROWLEY	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	2/12/2007

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
	No	85	

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
1,050	Yes	67	

Mud Additive Amounts

Description	Cost (/unit)	Consumed
ALKAPAM 1103D	239.00	6.0
ENVIROFLOC	47.00	11.0

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)
531.00	0.26		530.97

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Well Name: PARA ET AL CAMERON A-03

Drill Strings

BHA #3, Drilling Assembly

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)
1	200.0mm, MKS55, 2722	-------	583

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...
10.3/10.3/10.3/10.3/10.3/10.3/10.3	717.31		20.6

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread
Drill pipe - Singles	1			9.38	
Drill pipe - Stands	25			470.71	
H.W.D.P.	8	101.0		74.97	
X/O		159.0		0.69	
D.C.	4	163.0		37.53	
JAR		159.0		4.95	
D.C.	11	163.0		103.72	
SHOCK SUB		161.0		2.12	
STAB		191.0		1.61	
D.C.		161.0		9.38	
TORQUE SUB		160.0		1.97	

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	436.00	457.00	21.00	1.00	1.00	21.0	

WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
5	80	3,203					

Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)

Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error
A casing component contains a null value in ID

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

Daily Drilling - Detail (legal size)

Report Start Date: 2/11/2007
Report #: 4.0, DFS: 1.67
Depth Progress: 106.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-32	SLIPPERY	GOOD

Operation at 6am	Operations Next Report Period
WELD ON THE BOUL	NIPPLE UP AND DRILL OUT

Operations Summary

DRILL AND SURVEY FROM 260-270. TRIP FOR BIT, THE HOLE WAS TIGHT FROM 260-150 ON THE WAY OUT AND FROM 13-23 MKB ON THE WAY IN. FUNCTION TEST THE ANNULAR. DRILL AND SURVEY FROM 270-430 MKB. WIPER TRIP AND STRAP. THERE WAS ONLY .22 DIFF IN THE STRAP TO THE TALLEY. DRILL TO 436 MKB. CIRCULATE AND CONDITION THE HOLE. PULL OUT TO RUN CASING AND LAY DOWN THE 8" DC. hOLD A JOB DISCUSSION AND SAFETY MEETING WITH THE TONG HAND. RIG IN AND RUN 33 JTS OF 219.1 X 35.7 KG/M J-55 8RD ST&C CASING. THE CASING IS LANDED AT 435.84 MKB. CIRCULATE THE CASING.

Remarks

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
74,009	448,618
Daily Mud Cost	**Mud Additive Cost To Date**
255	671
Depth Start (mKB)	**Depth End (mKB)**
260.0	436.0
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
259.98	435.97
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	1.00	1.00	01:00	2	DRILL ACTUAL				DRILL 260 TO 270
01:00	0.50	1.50	01:30	5	COND MUD & CIRC				CIRCULATE HOLE CLEAN
01:30	0.25	1.75	01:45	10	DEV. SURVEY				DEVIATION SURVEY
01:45	3.50	5.25	05:15	6	TRIPS				BIT TRIP TIGHT F/260 TO 150 WAY IN TIGHT F/13 TO 23
05:15	0.25	5.50	05:30	7	RIG SERVICE				RIG SERVICE FUNCTION ANNULAR 12 SEC TO CLOSE
05:30	1.50	7.00	07:00	2	DRILL ACTUAL				DRILL F/270 TO 298
07:00	0.25	7.25	07:15	10	DEV. SURVEY				DEVIATION SURVEY
07:15	0.75	8.00	08:00	2	DRILL ACTUAL				DRILL F/ 298 TO 307
08:00	0.50	8.50	08:30	2	DRILL ACTUAL				DRILL 307 TO 326
08:30	0.25	8.75	08:45	10	DEV. SURVEY				DEVIATION SURVEY AT 314
08:45	0.75	9.50	09:30	2	DRILL ACTUAL				DRILL 326 TO 354
09:30	0.25	9.75	09:45	10	DEV. SURVEY				DEVIATION SURVEY AT 343
09:45	0.75	10.50	10:30	2	DRILL ACTUAL				DRILL 354 TO 382
10:30	0.25	10.75	10:45	10	DEV. SURVEY				DEVIATION SURVEY AT 370
10:45	1.00	11.75	11:45	2	DRILL ACTUAL				DRILL 382 TO 411
11:45	0.25	12.00	12:00	10	DEV. SURVEY				DEVIATION SURVEY AT 398
12:00	0.50	12.50	12:30	2	DRILL ACTUAL				DRILL 411 TO 430
12:30	0.25	12.75	12:45	5	COND MUD & CIRC				CONDITION MUD & CIRCULATE
12:45	0.25	13.00	13:00	7	RIG SERVICE				RIG SERVICE
13:00	3.00	16.00	16:00	6	TRIPS				WIPER TRIP- TIGHT FROM 220 TO 250 / REAM 270 TO 280 ON TRIP IN
16:00	0.25	16.25	16:15	2	DRILL ACTUAL				DRILL 430 TO 436
16:15	0.75	17.00	17:00	5	COND MUD & CIRC				CONDITION MUD & CIRCULATE
17:00	0.25	17.25	17:15	10	DEV. SURVEY				DEVIATION SURVEY at 426
17:15	2.25	19.50	19:30	6	TRIPS				POOH- LAY DOWN 222mm COLLARS
19:30	1.25	20.75	20:45	12	RUN CASING AND CEMENT				GET READY FOR CASING BLOW KELLY LAY OUT SURFACE SUBS PICK UP TONGS ELEVATORS AND SLIPS
20:45	0.25	21.00	21:00	21	SAFETY MEETING				SAFETY MEETING
21:00	2.50	23.50	23:30	12	RUN CASING AND CEMENT				RUN CASING & CEMENT
23:30	0.25	23.75	23:45	7	RIG SERVICE				RIG SERVICE
23:45	0.25	24.00	00:00	5	COND MUD & CIRC				CIRCULATE

Daily Contacts

Job Contact	Mobile
DAVE CROWLEY	
BRIAN NEIGUM	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	2/11/2007

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
	No	75	

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
	No	95	

Mud Additive Amounts

Description	Cost (/unit)	Consumed
SAPP	85.00	1.0
SAWDUST	5.00	8.0
CAUSTIC	65.00	2.0

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)
314.00	0.75		313.98
343.00	0.40		342.98
370.00	0.61		369.98
398.00			397.97
426.00	0.57		425.97

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Well Name: PARA ET AL CAMERON A-03

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
	17:00		1150.0	68		

Gel 10 sec (Pa)	Gel 10 min (Pa)	Gel 30 min (Pa)	Filtrate (mL/30min)	Filter Cake (mm)	pH	Solids (%)
					11.0	

MBT (kg/m³)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

Drill Strings

BHA #1, Drilling Assembly

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)
1A	311.0mm, CHIGJMS, 237104	5-5-WT-A-1---PR	596

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...
15.9/15.9/15.9	247.86		18.4

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread
H.W.D.P.	8	0.0		74.97	
X/O	1	159.0		0.69	
D.C.	16	165.0		150.63	
X/O		0.0		0.67	
X/O		0.0		0.95	
D.C.	2	222.0		18.53	
BIT SUB		222.0		1.10	

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	260.00	270.00	257.00	1.00	14.00	10.0	

WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
8	190	9,300					

Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)

Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error
A casing component contains a null value in ID

BHA #2, Drilling Assembly

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)
2A	311.0mm, GT1, 5069224	5-5-WT-A-3-1-NO-TD	380

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...
12.7/12.7/12.7	426.86		16.0

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread
Drill pipe - Singles	1			9.41	
Drill pipe - Stands	9			169.59	
H.W.D.P.	8	0.0		74.97	
X/O	1	159.0		0.69	
D.C.	16	165.0		150.63	
X/O		0.0		0.67	
X/O		0.0		0.95	
D.C.	2	222.0		18.53	
BIT SUB		222.0		1.10	

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	270.00	307.00	37.00	2.25	2.25	16.4	

WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
8	190	9,300					

Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)

Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error
A casing component contains a null value in ID

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	307.00	360.00	90.00	3.50	5.75	15.1	

WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
8	180	9,000					

Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)

Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error
A casing component contains a null value in ID

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	430.00	436.00	96.00	0.25	6.00	24.0	

WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
8	180	1,000					

Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Well Name: PARA ET AL CAMERON A-03

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)

Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error
A casing component contains a null value in ID

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

Daily Drilling - Detail (legal size)

Report Start Date: 2/10/2007
Report #: 3.0, DFS: 0.67
Depth Progress: 247.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-27	SLIPPERY	GOOD

Operation at 6am	Operations Next Report Period
RIG UP THE DIVERTER	DRILL SURFACE

Operations Summary
FINISH RIGGING UP THE DIVETER AND FUNCTION TEST. HOLD A PRESPUD MEETING AND FUNTION TEST THE MOTOR KILL'S. SPUD WITH A 311mm BIT AT 08:30 HRS FEB 10/07. DRILL AND SURVEY FROM 13-260 MKB.

Remarks

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
85,429	374,609
Daily Mud Cost	**Mud Additive Cost To Date**
416	416
Depth Start (mKB)	**Depth End (mKB)**
13.0	260.0
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
13.00	259.98
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	7.75	7.75	07:45	1	RIGUP & TEARDOWN				FINISH DIVERTER MAKE UP BHA STRAP ID OD BHA
07:45	0.25	8.00	08:00	7	RIG SERVICE				RIG SERVICE FUNCTION HCR AND ANNULAR
08:00	0.25	8.25	08:15	21	SAFETY MEETING				PRE- SPUD SAFETY MEETING -
08:15	0.25	8.50	08:30	22					BOP DRILL-WELL SECURE IN 60secs.-FUNCTION MOTOR KILLS
08:30	2.75	11.25	11:15	2	DRILL ACTUAL				SPUD AND DRILL 13 TO 44
11:15	0.25	11.50	11:30	10	DEV. SURVEY				DEVIATION SURVEY AT 31m
11:30	1.50	13.00	13:00	2	DRILL ACTUAL				DRILL 44 TO 72
13:00	0.25	13.25	13:15	10	DEV. SURVEY				DEVIATION SURVEY AT 59
13:15	1.25	14.50	14:30	2	DRILL ACTUAL				DRILL 72 to 100
14:30	0.25	14.75	14:45	10	DEV. SURVEY				DEVIATION SURVEY at 89M
14:45	1.00	15.75	15:45	2	DRILL ACTUAL				DRILL 100 to 128
15:45	0.25	16.00	16:00	7	RIG SERVICE				RIG SERVICE
16:00	0.25	16.25	16:15	10	DEV. SURVEY				DEVIATION SURVEY AT 115m
16:15	1.25	17.50	17:30	2	DRILL ACTUAL				DRILL 128 TO 156
17:30	0.25	17.75	17:45	10	DEV. SURVEY				DEVIATION SURVEY AT 143m
17:45	1.25	19.00	19:00	2	DRILL ACTUAL				DRILL 156 TO 185
19:00	0.25	19.25	19:15	10	DEV. SURVEY				DEVIATION SURVEY AT 172
19:15	1.75	21.00	21:00	2	DRILL ACTUAL				DRILL 185 TO 214
21:00	0.25	21.25	21:15	10	DEV. SURVEY				DEVIATION SURVEY
21:15	0.25	21.50	21:30	7	RIG SERVICE				RIG SERVICE FUNCTION ANNULAR 12 SECS TO CLOSE
21:30	1.25	22.75	22:45	2	DRILL ACTUAL				DRILL 214 TO 241
22:45	0.25	23.00	23:00	10	DEV. SURVEY				DEVIATION SURVEY
23:00	1.00	24.00	00:00	2	DRILL ACTUAL				DRILL 241 TO 260

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
	23:30		1200.0	38		
Gel 10 sec (Pa)	**Gel 10 min (Pa)**	**Gel 30 min (Pa)**	**Filtrate (mL/30min)**	**Filter Cake (mm)**	**pH**	**Solids (%)**
MBT (kg/m³)	**Percent Oil (%)**	**Percent Water (%)**	**Chlorides (mg/L)**	**Calcium (mg/L)**	**Potassium (mg/L)**	**Electric Stab (V)**
CEC for Cuttings	**Whole Mud Added (m³)**	**Mud Lost to Hole (m³)**	**Mud Lost (Surf) (m³)**	**Mud Vol (Res) (m³)**	**Active Mud Volume (m³)**	

Drill Strings

BHA #1, Drilling Assembly

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)
1A	311.0mm, CHIGJMS, 237104	5-5-WT-A-1---PR	596

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...
15.9/15.9/15.9	247.86		18.4

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread
H.W.D.P.	8	0.0		74.97	
X/O	1	159.0		0.69	
D.C.	16	165.0		150.63	

Daily Contacts

Job Contact	Mobile
BRIAN NEIGUM	
DAVE CROWLEY	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	2/10/2007

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
	No	100	

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0

Liner Size (mm)	Vol/Stk OR (m³/stk)
152.0	

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
	No	100	

Mud Additive Amounts

Description	Cost (/unit)	Consumed
SODA ASH	20.00	3.0
SODA ASH	20.00	1.0
GEL	14.00	7.0
GEL	14.00	17.0

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)
172.00	1.02		171.99
202.00	1.06		201.99
230.00	0.84		229.98
260.00	0.68		259.98
288.00	0.68		287.98

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Daily Drilling - Detail (legal size)

Report Start Date: 2/10/2007
Report #: 3.0, DFS: 0.67
Depth Progress: 247.00

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread
X/O		0.0		0.67	
X/O		0.0		0.95	
D.C.	2	222.0		18.53	
BIT SUB		222.0		1.10	

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	13.00	128.00	115.00	6.50	6.50	17.7	
WOB (daN)	**RPM (rpm)**	**SPP (kPa)**	**Rot HL (daN)**	**PU HL (daN)**	**SO HL (daN)**	**Drilling Torque**	**Off Btm Tq**
4	180	4,200					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	**Max Open Hole AV (m/min)**	**Min Casing AV (m/min)**	**Min Open Hole AV (m/min)**	**ECD End (kg/m³)**

Error
A casing component contains a null value in ID

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
Original Hole	128.00	260.00	247.00	6.50	13.00	20.3	
WOB (daN)	**RPM (rpm)**	**SPP (kPa)**	**Rot HL (daN)**	**PU HL (daN)**	**SO HL (daN)**	**Drilling Torque**	**Off Btm Tq**
5	180	8,400					
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	**Max Open Hole AV (m/min)**	**Min Casing AV (m/min)**	**Min Open Hole AV (m/min)**	**ECD End (kg/m³)**

Error
A casing component contains a null value in ID

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

Daily Drilling - Detail (legal size)

Report Start Date: 2/9/2007
Report #: 2.0, DFS: -0.33
Depth Progress:

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-27	SLIPPERY	

Operation at 6am	Operations Next Report Period
WAIT ON DAYLIGHT TO FINISH THE RIG MOVE	FINISH RIGGING UP THE DIVERTER AND DRILL SURFACE

Operations Summary
HOLD A SAFETY MEETING AND SPOT THE RIG. RIG UP THE RIG AND START ON THE DIVERTER.

Remarks

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	8.00	8.00	08:00	22					WAIT ON DAYLIGHT TO SET UP RIG
08:00	8.00	16.00	16:00	1	RIGUP & TEARDOWN				RIG UP-SPOT SUB,BUILDINGS,DERRICK, -RIG UP WATER ,STEAM AND ELECTRICAL
16:00	1.50	17.50	17:30	1	RIGUP & TEARDOWN				RIG UP -INSPECT DERRICK AND RAISE AT 1730 hrs.
17:30	6.00	23.50	23:30	1	RIGUP & TEARDOWN				RIG UP FLOOR,MUD TANKS, KELLY,PRE FABS
23:30	0.50	24.00	00:00	1	RIGUP & TEARDOWN				RIG UP DIVERTER

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
Gel 10 sec (Pa)	Gel 10 min (Pa)	Gel 30 min (Pa)	Filtrate (mL/30min)	Filter Cake (mm)	pH	Solids (%)
MBT (kg/m³)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
WOB (daN)	**RPM (rpm)**	**SPP (kPa)**	**Rot HL (daN)**	**PU HL (daN)**	**SO HL (daN)**	**Drilling Torque**	**Off Btm Tq**
Q (g inj) (m³/min)	**T (Inj) (°C)**	**P (BH Ann) (kPa)**	**T (bh) (°C)**	**P(Surf Ann) (kPa)**	**T (surf ann) (°C)**	**Q (liq rtn) (m³/...**	**Q (g return) (m³...**

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)
Max Casing AV (m/min)	**Max Open Hole AV (m/min)**	**Min Casing AV (m/min)**	**Min Open Hole AV (m/min)**	**ECD End (kg/m³)**

Error

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
162,975	289,180
Daily Mud Cost	**Mud Additive Cost To Date**
Depth Start (mKB)	**Depth End (mKB)**
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Daily Contacts

Job Contact	Mobile
DAVE CROWLEY	
BRIAN NEIGUM	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8
Liner Size (mm)		**Vol/Stk OR (m³/stk)**
Pres (kPa)	**Slow Spd**	**Strokes (sp...** **Eff (%)**
	No	

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0
Liner Size (mm)		**Vol/Stk OR (m³/stk)**
Pres (kPa)	**Slow Spd**	**Strokes (sp...** **Eff (%)**
	No	

Mud Additive Amounts

Description	Cost (/unit)	Consumed

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...

Daily Drilling - Detail (legal size)

Report Start Date: 2/8/2007
Report #: 1.0, DFS: -1.33
Depth Progress:

Paramount resources ltd.

Well Name: PARA ET AL CAMERON A-03

API/UWI	Surface Legal Location	License No.	State/Province
300A036010117300	A-03-60 DEG 10-117 DEG 30	2047	
Spud Date	**Rig Release Date**	**KB-Ground Distance (m)**	**KB-Casing Flange Distance (m)**
2/10/2007 08:00	2/21/2007 11:59:00 PM	5.40	
Weather	**Temperature (°C)**	**Road Condition**	**Hole Condition**
OVERCAST	-31	SLIPPERY	

Operation at 6am	Operations Next Report Period
WAIT ON DAYLIGHT TO MOVE	FINISH RIG MOVE AND RIG UP

Operations Summary
STRIP MUD AND TEAR OUT THE DRILLING RIG. HOLD A JOB DISCUSSION AND SAFETY MEETING WITH ALLNITE AND MOVE THE RIG FROM L-29.

Remarks

Time Log

Start Time	Dur (hrs)	Cum Dur (hrs)	End Time	Code 1	Code 2	Proble...	Problem Time (hrs)	Problem Ref #	Comment
00:00	8.00	8.00	08:00	1	RIGUP & TEARDOWN				TEAR OUT STRIP MUD
08:00	12.00	20.00	20:00	1	RIGUP & TEARDOWN				TEAR OUT LOAD UP RIG MOVE TO NEW LOCATION SPOT MATTING AND SUB SHUT DOWN TO DARK TO CONTINUE
20:00	4.00	24.00	00:00	22	W.O.D.				WAIT ON DAYLIGHT TO SET UP RIG

Mud Checks

Type	Time	Depth (mKB)	Density (kg/m³)	Vis (s/L)	PV Calc (cp)	YP Calc (Pa)
Gel 10 sec (Pa)	Gel 10 min (Pa)	Gel 30 min (Pa)	Filtrate (mL/30min)	Filter Cake (mm)	pH	Solids (%)
MBT (kg/m³)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	Potassium (mg/L)	Electric Stab (V)

CEC for Cuttings	Whole Mud Added (m³)	Mud Lost to Hole (m³)	Mud Lost (Surf) (m³)	Mud Vol (Res) (m³)	Active Mud Volume (m³)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (mm²)

Nozzles (mm)	String Length (m)	String Wt (daN)	BHA ROP (m...

Drill String Components

Item Description	Jts	OD (mm)	ID (mm)	Len (m)	Top Thread

Drilling Parameters

Wellbore	Start (mKB)	Depth End (mKB)	Cum Depth (m)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (m/hr)	Q (flow) (m³/min)
WOB (daN)	RPM (rpm)	SPP (kPa)	Rot HL (daN)	PU HL (daN)	SO HL (daN)	Drilling Torque	Off Btm Tq
Q (g inj) (m³/min)	T (Inj) (°C)	P (BH Ann) (kPa)	T (bh) (°C)	P(Surf Ann) (kPa)	T (surf ann) (°C)	Q (liq rtrn) (m³/...	Q (g return) (m³...

Hydraulic Calculations

Bit Hydraulic Power (kW)	HP/Area (kW/mm²)	Bit Jet Velocity (m/s)	Bit Pressure Drop (kPa)	% P @ bit (%)

Max Casing AV (m/min)	Max Open Hole AV (m/min)	Min Casing AV (m/min)	Min Open Hole AV (m/min)	ECD End (kg/m³)

Error

Kicks

Kick Date	Kick Depth (mKB)	Control Date	Control Depth (mKB)	Occurrence Type Code

Kill Notes

Lost Circulation

Start Date	Top (mKB)	Bottom (mKB)	Ops In Prog	V (m³)	End Date

Interval Problems

Problem Type	Problem Sub-type	Start Date	Start Depth (m...	End Depth (mKB)	Estimated Cost	Est Lost Time (...

Comment

Interval Lessons

Lesson Type	Start Date	End Date	Start Depth (mKB)	End Depth (mKB)	Est Cost Saving	Est Time Saving (...

Comment

Safety Incidents

Time	Category	Type	Subtype	Cause	Lost time?	Severity
					No	

AFE Number	Total AFE Amount
Daily Cost Total	**Cum Cost To Date**
126,205	126,205
Daily Mud Cost	**Mud Additive Cost To Date**
Depth Start (mKB)	**Depth End (mKB)**
Depth Start (TVD) (mKB)	**Depth End (TVD) (mKB)**
Target Formation	**Target Depth (mKB)**
Personnel Hrs (hrs)	**Cum Pers Tot Hr (hrs)**
Time Log Total Hours (hrs)	**Problem Time Hours (hrs)**
24.00	
Percent Problem Time (%)	**Cum Prob Time (%)**
Days LTI (days)	**Days RI (days)**

Daily Contacts

Job Contact	Mobile
DAVE CROWLEY	
BRIAN NEIGUM	

Personnel Log

Type	Count	Tot Time (hrs)

Safety Check Summary

Type	Last Date
Safety Meeting	

Rigs

Contractor	Rig Number
PRECISION DRILLING, DIV OF PDC	220
Rig Supervisor	**Phone Mobile**

Mud Pumps

 # 1, EMSCO, F-800

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		228.8

Liner Size (mm)	Vol/Stk OR (m³/stk)

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
	No		

 # 2, GARDNER DENVER, PZ-7

Pwr (kW)	Rod Dia (mm)	Stroke (mm)
		178.0

Liner Size (mm)	Vol/Stk OR (m³/stk)

Pres (kPa)	Slow Spd	Strokes (sp...	Eff (%)
	No		

Mud Additive Amounts

Description	Cost (/unit)	Consumed

Survey Data

MD (mKB)	Incl (°)	Azm (°)	TVD (mKB)

Last 5 Formations

Formation Name	Prog Top MD (mKB)	Drill Top MD (mKB)

Last Casing String

Casing Description	Run Date	Set Dept...