

PARAMOUNT RESOURCES LTD

WELL DATA SUMMARY

Well Name: Para et al Camerron (2) M-73 Unique I.D. 302M736010117150 Licence#: 2026

Total Depth: 1522 Surface Co-or:

Spud Date: mar 20 @ 10 K.B. Elevation: 776.05 m. Ground Level: 771.80 m.

Rig Release Date: Mar 28 @ 20:00 Final Status Cased

AFE No: 05N510104 Drilling Cost: Casing Cost: \$15,400

Drilling Rig PD 247

Rig Manager: Carl Pashco

Wellsite Supervisor Brian Neigum

Wellsite Geologist: Phil

Hole Size

Size (mm) Depth (m)

311 429

200 1522

Surface Casing: 33 jts. of 219.1 mm. 35.72 kg/m, J-55

Landed at (m) 428.98 Total Length 429.88

Cement with: 33.1 tonne of 0-1-0 G with 1.5% Cacl2

Cement returns 8m3

Intermediate Csg: jts. of mm. kg/m

jts. of mm. kg/m

Landed at(m) Total Length Cement returns

Cement with:

Production Csg: 9 jts. of 139.7 mm. 23.07 kg/m J-55

1 jts. of 139.7 kg/m

Landed at (m) Total Length 1523.23 Cement returns 5.6

Cement with: 20 tonne thixlite + 1% SMS, 13 TONNE EXPANDOMIX LWL .1% cfl-3, .2%

DST'S: Test #: Top (m) Base (m) Formation

5

6

7

8

Plug Number: Plug Felt With:

Base: Drill Pipe: Mass (daN)

Top: Wireline: Wireline Company:

Bottom of Drill Pipe Set At: Not Felt:

Calculated Top Depth: Plug Felt Date: Plug Felt at Depth:

Cement and Additives:

Plug Number: Plug Felt With:

Base: Drill Pipe: Mass (daN)

Top: Wireline: Wireline Company:

Bottom of Drill Pipe Set At: Not Felt:

Calculated Top Depth: Plug Felt Date: Plug Felt at Depth:

Cement and Additives:

Plug Number: Plug Felt With:

Base: Drill Pipe: Mass (daN)

Top: Wireline: Wireline Company:

Bottom of Drill Pipe Set At: Not Felt:

Calculated Top Depth: Plug Felt Date: Plug Felt at Depth:

Cement and Additives:

Plug Number: Plug Felt With:

Base: Drill Pipe: Mass (daN)

Top: Wireline: Wireline Company:

Bottom of Drill Pipe Set At: Not Felt:

Calculated Top Depth: Plug Felt Date: Plug Felt at Depth:

Cement and Additives:

Comments:

PARAMOUNT RESOURCES LTD

Well Cost Summary

Well: Para et al Camerron (2) M-73

Loc: M-73

1 OF

Date:		18-Mar-05	19-Mar-05	20-Mar-05	21-Mar-05	22-Mar-05	23-Mar-05	24-Mar-05	25-Mar-05	26-Mar-05	27-Mar-05	TOTAL
Day:		1	2	3	4	5	6	7	8	9	10	
Code	Description											
101	SURVEYING						5,000					5,000
102	LEGAL/LICENCE/ROE											
103	ACCESS PREP											
104	WELLSITE PREP.						40,156	6,500				46,656
106	CONDUCTOR	6,500										6,500
108	WELLSITE REST.	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	12,000
109	ACCESS REST.											
116	MAINTANANCE											
117	TOWING											
119	LOGISTICS SUPER											
201	RIG MOVE		32,175									32,175
203	DRILLING RIG /DAY	13,992	13,992	13,992	13,992	13,992	13,992	13,992	13,992	13,992	13,992	139,920
205	BOILER	1,440	480	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	13,440
206	TORT & MORT											
210	CAMP	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	2,800	28,000
211	SUBSISTANCE	575	575	575	575	575	575	575	575	575	575	5,750
212	AVIATION							5,500				5,500
214	FUEL		13,360						13,359			26,719
216	COMM.& EQUIPMENT	100	100	100	100	100	100	100	100	100	100	1,000
218	WATER TRUCK	750	750	750	750	750	750	750	750	750	750	7,500
219	VAC TRUCK	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	12,000
220	Mud & Chemicals			80	1160	1944	329	1426	3736	1698		10,373
223	UNDER BALANCED											
225	DRGL SUPERVISION	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	11,000
228	DIRECTIONAL DRGL						14,325	6,850	6,850	14,975		43,000
230	MED.& SAFETY SER.	950	950	950	950			6,765	2,300	2,300	2,300	17,465
232	FISHING-WIRELINE											
234	CONTRACT SERV.	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	14,000
236	TRUCKING		1,755	3,825	2,565	850			8,450			17,445
240	Equipment Rental	4,754	4,754	9,089	5,655	5,655	5,655	5,655	5,655	5,655	5,655	58,182
242	DRILL BITS			1,200	2,000		2,664		8,706		1,058	15,628
244	ABOND. PLUGS											
250	MISC. MATERIALS											
252	SURFACE CSG					28145						28,145
253	SURF. CSG.ACCS.					1200						1,200
254	SURFACE CEMENT						27000					27,000
255	SURF. CSG. SERV.					2700						2,700
256	INTER. CASING											
257	INTER. CASING ACC.											
258	INTER. CEMENT											
301	LOGGING										33300	33,300
302	CORING											
303	TESTING											
304	GEOL. SUPERVISION								3200	800	800	4,800
305	ANALYSIS											
401	PROD. CSG. ACCS.										2587	2,587
402	PROD.CSG.										56684	56,684
403	PROD. CSG. CEMENT											
404	PROD. CSG. SERV.											
801	WELL HEAD PARTS											
802	COMP.WELL HEAD					28043						28,043
803	TUBING											
805	TUBING ACC.											
	DAILY TOTAL	36,761	76,591	39,701	36,887	93,094	119,686	57,253	76,813	49,985	126,941	
	CUMULATIVE TOTAL	36,761	113,352	153,053	189,940	283,034	402,720	459,973	536,786	586,771	713,712	713,712

Well Cost Summary

Loc: M-73

2 OF

[illegible]

[illegible]

PARAMOUNT RESOURCES LTD

RENTAL EQUIPMENT

COST SHEET

WELL NAME: Para et al Camerron (2) M-73
WELL LOCATION: 302M736010117150
SPUD DATE: mar 20 @ 10
AFE 05N510104

PRODUCT OR	COMPANY	COST	18-Ma	19-Ma	20-Ma	21-Ma	22-Ma	23-Ma	24-Ma	25-Ma	26-Ma	27-Ma	28-Ma	29-Ma	30-Ma					Total	TOTAL
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Days	COST		
SHALE BIN	Total	\$90	1	1	1	1	1	1	1	1	1	1	1	1				12	\$1,080		
2 X 400 BBL TANK	Total	\$110	1	1	1	1	1	1	1	1	1	1	1	1				12	\$1,320		
2 400 BBL HEATED	Total	\$140	1	1	1	1	1	1	1	1	1	1	1	1				12	\$1,680		
4' TRASH PUMP	Total	\$160	1	1	1	1	1	1	1	1	1	1	1	1				12	\$1,920		
2" TRASH PUMP	Total	\$90	1	1	1	1	1	1	1	1	1	1	1	1				12	\$1,080		
9 matts	Total	\$360	1	1	1	1	1	1	1	1	1	1	1	1				12	\$4,320		
WATER SHACK	D&G	\$50	1	1	1	1	1	1	1	1	1	1	1	1				12	\$600		
3000 GAL FUEL TA.	Fronter	\$65	1	1	1	1	1	1	1	1	1	1	1	1				12	\$780		
6 matts	Pentastar	\$240	1	1	1	1	1	1	1	1	1	1	1	1				11	\$2,640		
MUD VAN	Bronco	\$65	1	1	1	1	1	1	1	1	1	1	1	1				11	\$715		
HIGHBOY	Bronco	\$65	1	1	1	1	1	1	1	1	1	1	1	1				11	\$715		
DRILLING JARS	Torax	\$308	1	1	1	1	1	1	1	1	1	1	1	1				11	\$3,388		
PASON EQUIP	Pason	\$417	1	1	1	1	1	1	1	1	1	1	1	1				11	\$4,587		
WELL SITE TRAILER	Parma Vent	\$195	1	1	1	1	1	1	1	1	1	1	1	1				11	\$2,145		
STABALIZER	Torax	\$40	1	1	1	1	1	1	1	1	1	1	1	1				11	\$440		
WELL SITE TRAILER	Concept	\$195	1	1	1	1	1	1	1	1	1	1	1	1				11	\$2,145		
GARBAGE CAN'S	L&P	\$120	1	1	1	1	1	1	1	1	1	1	1	1				11	\$1,320		
400 BBL TANK	Total	\$55	1	1	1	1	1	1	1	1	1	1	1	1				11	\$605		
centrifuge 518/1850	MiSwaco	\$1,000	1	1	1	1	1	1	1	1	1	1	1	1				11	\$11,000		
Hydril diverter	Weatherford	\$4,250			1													1	\$4,250		
DAVELIN TANK	Peak Energy	\$350	1	1	1	1	1	1	1	1	1	1	1	1				11	\$3,850		
TORAN GENSET	Toran	\$189	1	1	1	1	1	1	1	1	1	1	1	1				11	\$2,079		
CAT LOADER	Cat Rental	\$450	1	1	1	1	1	1	1	1	1	1	1	1	1			12	\$5,400		
FLARE TANK	Enviropit	\$85			1	1	1	1	1	1	1	1	1	1				9	\$765		
34 JOINTS HWDP	PD	\$816				1	1	1	1	1	1	1						7	\$5,712		

REMARKS:

TOTAL WELL COST

\$64,536

DAILY MUD

[illegible]

PARAMOUNT RESOURCES LTD

MUD INVENTORY	WELL NAME:	Para et al Camerron (2) M-73
	UNIQUE:	302M736010117150

AFE: 05N510104

CODE: 22-40-130

DAILY USAGE

TOTAL[illegible]

PARAMOUNT RESOURCES LTD

DAILY DRILLING REPORT

Para et al Camerron (2) M-73

UNIQUE I.D. 302M736010117150

LOCATION: M-73

WELL LICENCE 2026

SUPERVISOR: Brian Neigum 548-5013

CELLULAR #: 403-997-5286

SPUD DATE: mar 20 @ 10

R.R. DATE: Mar 28 @ 20:00

CONTRACTOR: PD 247

A.F.E. #: 05N510104 EST. T.D 1494

DAILY COST: \$266,381

CUM. COST: \$980,093

DAILY MUD: \$2,789

CUM MUD: \$13,162

DAYS FROM SPUD: 9

DAY: 11 REP DATE: Mar 29/05 STATUS 06:00 Move the rig out

DEPTH: 1522 PROG. KB: 776.05 GL: 771.80 MACP: 3002

SURVEYS:

MUD TYPE: Gel/chem WT: 1130 VISC: 45 WL: FC: PH:

ADDITIVES: Alkapam 6, envirofloc 25, desco 2.

BIT	SERIAL #	SIZE	MFG	TYPE	JETS	OUT	RUN	HRS	TBG	WEIGHT	RPM

PUMP	DESCR.	LINER	STK	SPM	RATE	PRESS	AV DC	AV DP	NOZZEL VEL
Emsco	F-800	165	229						

DRILLING ASSEMBLY

TOOL	OD	ID	LENGTH

TIME DISTRIBUTION

MORU:	RIG REP:
DRILL MH & RH:	LOGGING:
RIG SERVICE:	CEMENT: 2.00
SURVEY:	WOC:
PRESSURE TEST:	RUN CSG: 0.50
DRILL:	DST:
DRILL OUT:	TRIP:
CIRCULATE: 1.00	L.D.D.S.:
NIPPLE UP BOP:	REAM:
tear out 16.25	safety 0.25

REMARKS

TOTAL

RAN 113 JTS OF 139.7 MM, 23.07 KG/M, 8rd It&c J-55 CASING.

LANDED AT 1521.95 MKB. TOTAL LENGTH 1523.23 METERS.

CEMENTED WITH 20 tonne thixlite + 1% SMS, 13 TONNE EXPANDOMIX LWL .1% cfl-3, .2% ltr .2% spcII

PLUG DOWN AT 3:40 HRS. ON mar 28/05 WITH 5.6 M3 CEMENT RETURNS.

LOGS RUN

DISFL M TO M. CNL-DEN M TO M.
SONIC M TO M.

REMARKS:

Finish run in the casing, circulate the casing. Cement the casing with 20 tonne of thixlite + 1% SMS & 13 tonne of expandomix LWL + .1% cfl-3, .2% ltr, .2% spc-II. Plug down at 3:40 hrs mar 28/05, we got 5.6 m3 back of good cement return's. Set the slip's and tear out the bop's. Tear out the rig for spring break. Rig released at 20:00 hrs mar 28/05. The plug didn't bump and i over displaced by 200 liter's before stoping.

We will be moving the rig out at 04:00 hrs mar 29/05.

FINAL WELL STATUS: Cased

PARAMOUNT RESOURCES LTD

PRODUCTION CASING REPORT

O.D.: 139.7 MM

WELL NAME: Para et al Camerron (2) M-73

LOC: M-73

DATE: Mar 27/05

JTS ON LOC	M ON LOC	CASING WT.	GRADE	RANGE	THREAD	T & C	MAKE	JTS. RUN	DEPTH LANDED	M RUN IN WELL
124	1653.43	23.07	J-55	3	8rd	LT&C	lpsco	9		121.89
								1		4.48
								103		1395.99

SHOE: MAKE: topco

TYPE: float

LENGTH, M

0.47

COLLAR: MAKE: topco

TYPE: float

LENGTH, M

0.40

LANDING JOINT (WHEN USED) LENGTH, M

LENGTH, M

OVERALL LENGTH OF CASING STRING, M

TOTAL, M

METERS UP FROM K.B. (SUBTRACT)

1.28 M

1523.23

1.28

SETTING DEPTH: LOG:

DRILLER:

1521.95

SHOE JOINT: OVERALL: 6.77 M (SUBTRACT)

SHOE JOINT

14.44

FLOAT COLLAR: LOG: M

DRILLER: -14.44 M

1507.51

K.B. TO CASING FLG: M

CUT OFF: 5.5 M

CENTRALIZERS & TURBOLIZERS:

SCRATCHERS:

MAKE: Topco NUMBER 40

MAKE: NUMBER

POSITIONS:

POSITIONS:

the first 11 jts then every 4th jt to surface

OF JOINTS WELDED: thread lock the float and shoe

REMARKS:

OPERATORS REP: Brian Neigum

O.D.: 139.7 MM

K.B. ELEVATION	776.05	CSG. FLG	TOTAL DEPTH (DRILLER)	1522
----------------	--------	----------	-----------------------	------

CSG IN HOLE	219.1		139.7
DEPTH SET	428.98		1521.95

BOP'S

POWER TONGS	Total Depth	TORQUE: MAX:	3674	NM NOM	2912	NM MIN	2209
TIME PIPE STARD:	20:00	TIME ON BOTTOM	0:15	TIME CIRCULATED			
FILL UP POINTS:	on the fly + every 15	BOTTOM BY CSG	1521.95	UP FROM KB		1.28	

--

CEMENT CO: Sanjel OPERATOR: Sunay Pamuk AR. TIME: 22:00
 TYPES & QUANTITY OF CEMENT: 20 tonne thixlite + 1% SMS, 13 TONNE EXPANDOMIX LWL .1%cf-3,.2% ltr .2%spcll

HEIGHT TO BE CEMENTED 0-1522

FLUSH: 3/3 water/scav MIX TIME: START: 2:21 FIN: 3:18 WT: 1507/17

CALCULATED DISP	18.8	MEASURED DISP.	19	START:	3:20	FIN:	3:40
-----------------	------	----------------	----	--------	------	------	------

DISPLACING FLUID	water	MAX. PRESS	10	BUMP W/	idn't bump
------------------	-------	------------	----	---------	------------

CEMENT RETURNS	5.6	FLOAT	held	WORKED CSG WHILE CM	recp
----------------	-----	-------	------	---------------------	------

TIME LANDED: 5:30 DATE: mar 28/05 WT. STRING (LESS BLOCKS)daN 23000
 WT. LANDED IN SLIPS: 25000 daN BOWL: 9" x 3000 SIZE:
 SERIES SLIP & SEAL ASS: automatic

AGENT OF OPERATOR: Brian Neigum

PARAMOUNT RESOURCES LTD

DAILY DRILLING REPORT

Para et al Camerron (2) M-73

UNIQUE I.D. 302M736010117150

LOCATION: M-73

WELL LICENCE 2026

SUPERVISOR: Brian Neigum 548-5013

CELLULAR #: 403-997-5286

SPUD DATE: mar 20 @ 10

R.R. DATE:

CONTRACTOR: PD 247

A.F.E. #: 05N510104 **EST. T.D** 1494

DAILY COST: \$126,941

CUM. COST: \$713,712

DAILY MUD:

CUM MUD: \$10,373

DAYS FROM SPUD: 8

DAY: 10 **REP DATE:** Mar 28/05 **STATUS** 06:00 Tear out the rig

DEPTH: 1522 **PROG.** **KB:** 776.05 **GL:** 771.80 **MACP:** 2918

SURVEYS:

MUD TYPE: gel/chem **WT:** 1150 **VISC:** 70 **WL:** **FC:** **PH:** 9.5

ADDITIVES:

BIT	SERIAL #	SIZE	MFG	TYPE	JETS	OUT	RUN	HRS	TBG	WEIGHT	RPM

PUMP	DESCR.	LINER	STK	SPM	RATE	PRESS	AV DC	AV DP	NOZZEL VEL
Emsco	F-800	165	229	100	1.470	6500	136	76	

DRILLING ASSEMBLY

TOOL	OD	ID	LENGTH
Bit			
Kelly			
REMARKS	TOTAL		

TIME DISTRIBUTION

MORU:		RIG REP:	
DRILL MH & RH:		LOGGING:	7.00
RIG SERVICE:	0.50	CEMENT:	
SURVEY:		WOC:	
PRESSURE TEST:		RUN CSG:	4.25
DRILL:		DST:	
DRILL OUT:		TRIP:	4.00
CIRCULATE:	1.00	L.D.D.S.:	5.25
NIPPLE UP BOP:		REAM:	
lay down kelly	1.50		
safety	0.50		
TOTAL HOURS:	24.00		

RAN 113 JTS OF 139.7 MM, 23.07 KG/M, 8rd It&c J-55 CASING.
 LANDED AT MKB. TOTAL LENGTH 1523.23 METERS.
 CEMENTED WITH
 PLUG DOWN AT HRS. ON WITH M3 CEMENT RETURNS.
 LOGS RUN
 STI 1520 M TO 429 M. DAC MRT MBC 1520 M TO 429 M.
 SPED,CNT,UGA 1520 M TO 429 M.

REMARKS:

Pull out of the hole with flow check's for logging. Rig up the logging tools and log the well with sti,enh,sped,cnt,uga,dac,mrt mbc from 1522 to 429 mkb. Run in the hole with the drill string, circulate and condition the hole. Lay down the drill string and kelly. Hold a job discussion and safety meeting with total depth power tong's. Rig up the tongs and start to run casing, we ran 113 jts of 139.7mm X 23.07 kg/m 8rd It&c casing.

FINAL WELL STATUS:

PARAMOUNT RESOURCES LTD

DAILY DRILLING REPORT

Para et al Camerron (2) M-73

UNIQUE I.D. 302M736010117150

LOCATION: M-73

WELL LICENCE 2026

SUPERVISOR: Brian Neigum 548-5013

CELLULAR #: 403-997-5286

SPUD DATE:

R.R. DATE:

CONTRACTOR: PD 247

A.F.E. #: 05N510104 **EST. T.D** 1494

DAILY COST: \$49,985

CUM. COST: \$586,771

DAILY MUD: \$1,698

CUM MUD: \$10,373

DAYS FROM SPUD: 7

DAY: 9 **REP DATE:** Mar 27/05 **STATUS** 06:00 log
DEPTH: 1522 **PROG.** 93 **KB:** 776.05 **GL:** 771.80 **MACP:** 3002
SURVEYS: See e mailed sheet

MUD TYPE: Gel/chem **WT:** 1130 **VISC:** 74 **WL:** 8 **FC:** **PH:** 11
ADDITIVES: soda ash 27, caustic 4, desco 4, gel 15, drispac 1, lignite 2,

BIT	SERIAL #	SIZE	MFG	TYPE	JETS	OUT	RUN	HRS	TBG	WEIGHT	RPM
2	2230	200	varel	mks56s	6 x 10.3	1522	1072	57.75	95%	10	30/motor

PUMP	DESCR.	LINER	STK	SPM	RATE	PRESS	AV DC	AV DP	NOZZEL VEL
Emsco	F-800	165	229	110	1.617	5800	136	76	

DRILLING ASSEMBLY

TOOL	OD	ID	LENGTH
Bit	200		0.25
bit sub	159		0.91
6 HWDP	114		55.35
JARS	159		5.81
34 HWDP	114		310.81
119 DP	114		1144.15
Kelly			4.72

REMARKS **TOTAL** 1522.00

RAN **JTS OF** **MM,**

LANDED AT **MKB.** **TOTAL LENGTH**

CEMENTED WITH

PLUG DOWN AT

LOGS RUN

DISFL **M TO** **M.** **CNL-DEN** **M TO** **M.**

SONIC **M TO** **M.**

TIME DISTRIBUTION

MORU: **RIG REP:** 0.50
DRILL MH & RH: **LOGGING:**
RIG SERVICE: 0.75 **CEMENT:**
SURVEY: 1.00 **WOC:**
PRESSURE TEST: **RUN CSG:**
DRILL: 8.25 **DST:**
DRILL OUT: **TRIP:** 10.00
CIRCULATE: 2.25 **L.D.D.S.:**
NIPPLE UP BOP: **REAM:**
handle dir. Tools 1.00 **safety** 0.25

TOTAL HOURS: 24.00

KG/M, **CASING.**
METERS.

WITH **M3 CEMENT RETURNS.**

REMARKS:

Drill and survey to 1522 mkb with survey's, and funtion tests. Wiper trip and lay down the directional tools, strap on this trip. Run back to bottom, circulate and condition the hole. Pull out to log.

FINAL WELL STATUS:

PARAMOUNT RESOURCES LTD

DAILY DRILLING REPORT

Para et al Camerron (2) M-73

UNIQUE I.D. 302M736010117150

LOCATION: M-73

WELL LICENCE 2026

SUPERVISOR: Brian Neigum 548-5013

CELLULAR #: 403-997-5286

SPUD DATE:

R.R. DATE:

CONTRACTOR: PD 247

A.F.E. #: 05N510104 **EST. T.D** 1494

DAILY COST: \$76,813

CUM. COST: \$536,786

DAILY MUD: \$3,736

CUM MUD: \$8,675

DAYS FROM SPUD: 6

DAY: 8 **REP DATE:** Mar 26/05 **STATUS 06:00** Directional drill to 1491 mkb
DEPTH: 1429 **PROG. 292** **KB:** 776.05 **GL:** 771.80 **MACP:** 3065
SURVEYS: see e mailed sheets

MUD TYPE: gel/chem **WT:** 1115 **VISC:** 48 **WL:** 7.5 **FC:** **PH:** 11
ADDITIVES: soda ash 11, gel 87, alkapam 2, caustic 6, drispac 4, lignite 10, desco 1,

BIT	SERIAL #	SIZE	MFG	TYPE	JETS	OUT	RUN	HRS	TBG	WEIGHT	RPM
2	2230	200	varel	mks56s	6 x 10.3	in	979	49.5	in	10	30/motor

PUMP	DESCR.	LINER	STK	SPM	RATE	PRESS	AV DC	AV DP	NOZZEL VEL
Emsco	F-800	165	229	110	1.617	8400	136	76	

DRILLING ASSEMBLY

TOOL	OD	ID	LENGTH
Bit	200		0.25
Directional tools	159		41.16
6 HWDP	114		55.35
JARS	159		5.81
34 HWDP	114		310.81
105 DP	114		1009.99
Kelly			5.63

REMARKS **TOTAL** 1429.00

RAN **JTS OF** **MM,**

LANDED AT **MKB.** **TOTAL LENGTH**

CEMENTED WITH

PLUG DOWN AT

LOGS RUN

DISFL **M TO** **M.** **CNL-DEN** **M TO** **M.**

SONIC **M TO** **M.**

TIME DISTRIBUTION

MORU: **RIG REP:** 0.25
DRILL MH & RH: **LOGGING:**
RIG SERVICE: 0.75 **CEMENT:**
SURVEY: 2.75 **WOC:**
PRESSURE TEST: **RUN CSG:**
DRILL: 20.25 **DST:**
DRILL OUT: **TRIP:**
CIRCULATE: **L.D.D.S.:**
NIPPLE UP BOP: **REAM:**

TOTAL HOURS: 24.00

KG/M, **CASING.**

METERS.

WITH **M3 CEMENT RETURNS.**

REMARKS:

Directional drill from 1137 -1429 mkb with survey's, reig services and function test's.

FINAL WELL STATUS:

PARAMOUNT RESOURCES LTD

DAILY DRILLING REPORT

Para et al Camerron (2) M-73

UNIQUE I.D. 302M736010117150

LOCATION: M-73

WELL LICENCE 2026

SUPERVISOR: Brian Neigum 548-5013

CELLULAR #: 403-997-5286

SPUD DATE:

R.R. DATE:

CONTRACTOR: PD 247

A.F.E. #: 05N510104 **EST. T.D** 1494

DAILY COST: \$57,253

CUM. COST: \$459,973

DAILY MUD: \$1,426

CUM MUD: \$4,939

DAYS FROM SPUD: 5

DAY: 7 **REP DATE:** Mar 25/05 **STATUS 06:00** Directional drilling at 1253

DEPTH: 1137 **PROG. 465** **KB:** 776.05 **GL:** 771.80 **MACP:** 3506

SURVEYS: See e mailed sheet for survey's and bha

MUD TYPE: Floc/water **WT:** 1010 **VISC:** 28 **WL:** **FC:** **PH:** 8

ADDITIVES: calcium nitrate 10, alkapam 4

BIT	SERIAL #	SIZE	MFG	TYPE	JETS	OUT	RUN	HRS	TBG	WEIGHT	RPM
2	2230	200	varel	mks56s	6 x 10.3	in	687	29.25	in	8	30/motor

PUMP	DESCR.	LINER	STK	SPM	RATE	PRESS	AV DC	AV DP	NOZZEL VEL
Emsco	F-800	165	229	110	1.617	6600	136	76	

DRILLING ASSEMBLY

TOOL	OD	ID	LENGTH
Bit	200		0.25
Directional tools	159		41.16
6 HWDP	114		55.35
JARS	159		5.81
34 HWDP	114		310.81
74 DP	114		711.18
Kelly			13.02

REMARKS **TOTAL** 1137.58

RAN **JTS OF** **MM,**

LANDED AT **MKB.** **TOTAL LENGTH**

CEMENTED WITH

PLUG DOWN AT

LOGS RUN

DISFL **M TO** **M.** **CNL-DEN** **M TO** **M.**

SONIC **M TO** **M.**

TIME DISTRIBUTION

MORU:		RIG REP:	
DRILL MH & RH:		LOGGING:	
RIG SERVICE:	0.75	CEMENT:	
SURVEY:	4.00	WOC:	
PRESSURE TEST:		RUN CSG:	
DRILL:	19.25	DST:	
DRILL OUT:		TRIP:	
CIRCULATE:		L.D.D.S.:	
NIPPLE UP BOP:		REAM:	

TOTAL HOURS: 24.00

KG/M, **CASING.**

METERS.

WITH **M3 CEMENT RETURNS.**

REMARKS:

Directional drill and survey from 672 -1137 mkb with rig services and function test's.

FINAL WELL STATUS:

PARAMOUNT RESOURCES LTD

DAILY DRILLING REPORT

Para et al Camerron (2) M-73

UNIQUE I.D. 302M736010117150

LOCATION: M-73

WELL LICENCE 2026

SUPERVISOR: Brian Neigum 548-5013

CELLULAR #: 403-997-5286

SPUD DATE:

R.R. DATE:

CONTRACTOR: PD 247

A.F.E. #: 05N510104 EST. T.D 1494

DAILY COST: \$119,686

CUM. COST: \$402,344

DAILY MUD: \$329

CUM MUD: \$3,137

DAYS FROM SPUD: 4

DAY: 6 REP DATE: Mar 24/05 STATUS 06:00 directional drilling at 790 mkb
 DEPTH: 672 PROG. 243 KB: 776.05 GL: 771.80 MACP: 3506
 SURVEYS: See Emailed sheet for survey's and bha

MUD TYPE: Floc/water WT: 1010 VISC: 28 WL: FC: PH: 9.5
 ADDITIVES: Envirofloc 7

BIT	SERIAL #	SIZE	MFG	TYPE	JETS	OUT	RUN	HRS	TBG	WEIGHT	RPM
1rt	v26x5	200	Hughs	GTG1H	3 X 15.9	450	21	1.5	3 1 l	5	90
2	2230	200	varel	mks56s	6 x 10.3	in	222	10	in	8	30/motor

PUMP	DESCR.	LINER	STK	SPM	RATE	PRESS	AV DC	AV DP	NOZZEL VEL
Emsco	F-800	165	229	110	1.617	5800	136	76	

DRILLING ASSEMBLY

TOOL	OD	ID	LENGTH
Bit	200		0.25
Directional tools	159		41.16
6 HWDP	114		55.35
JARS	159		5.81
34 HWDP	114		310.81
26 DP	114		249.87
Kelly			8.75

REMARKS TOTAL 672.00

RAN JTS OF MM, KG/M, CASING.
 LANDED AT MKB. TOTAL LENGTH METERS.
 CEMENTED WITH
 PLUG DOWN AT HRS. ON WITH M3 CEMENT RETURNS.
 LOGS RUN
 DISFL M TO M. CNL-DEN M TO M.
 SONIC M TO M.

TIME DISTRIBUTION

MORU: RIG REP:
 DRILL MH & RH: LOGGING:
 RIG SERVICE: 0.50 CEMENT:
 SURVEY: 1.00 WOC:
 PRESSURE TEST: 2.50 RUN CSG:
 DRILL: 11.50 DST:
 DRILL OUT: 0.50 TRIP: 4.75
 CIRCULATE: L.D.D.S.:
 NIPPLE UP BOP: REAM:
 LEAK OFF 0.75 Handle DT 1.75
 SAFETY 0.75
 TOTAL HOURS: 24.00

REMARKS:

Finish the press test on the upper and lower kelly cock. Hold a bop drill and drill out, drill to 435 mkb. Stop and do a leak off gradient, it was 30.78 kpa/m. Drill down to 450 mkb. Pull out to make up directional tools, lay down the 16 dc that we used on surface. Make up the directional tools and run back to bottom with flow check's. Drill to 672 mkb with bop drill's, survey's and rig services.

FINAL WELL STATUS:

PARAMOUNT RESOURCES LTD

SURFACE CASING REPORT

O.D.: 219.1 MM

WELL NAME: Para et al Camerron (2) M-73

LOC: M-73

DATE: Mar 22/05

[illegible]

SHOE: MAKE: Topco

TYPE: float

LENGTH, M

0.42

COLLAR: MAKE: Weatherford

TYPE: float

LENGTH, M

0.37

LANDING JOINT (WHEN USED) LENGTH, M

OVERALL LENGTH OF CASING STRING, M

LENGTH, M

TOTAL, M

429.88

METERS UP FROM K.B. (SUBTRACT)

0.9 M

0.90

SETTING DEPTH: LOG:

DRILLER: 428.98

SHOE JOINT: OVERALL: 5.89 M (SUBTRACT)

SHOE JOINT

428.98

FLOAT COLLAR: **LOG:** **M**

DRILLER: 423.09 M

K.B. TO CASING FLG: _____ M

CUT OFF: M

CENTRALIZERS & TURBOLIZERS:

SCRATCHERS:

MAKE:	Topco	NUMBER	10
--------------	-------	---------------	----

MAKE: **NUMBER**

POSITIONS:

POSITIONS:

1,3,5,7,11,16,21,26,29,32

JOINTS WELDED: shoe is welded and the float is thread locked top and bottom.

REMARKS:

OPERATORS REP: Brian Neigum

PARAMOUNT RESOURCES LTD

DAILY DRILLING REPORT

Para et al Camerron (2) M-73

UNIQUE I.D. 302M736010117150

LOCATION: M-73

WELL LICENCE 2026

SUPERVISOR: Brian Neigum 548-5013

CELLULAR #: 403-997-5286

SPUD DATE:

R.R. DATE:

CONTRACTOR: PD 247

A.F.E. #: 05N510104 **EST. T.D** 1494

DAILY COST: \$92,718

CUM. COST: \$282,658

DAILY MUD: \$1,568

CUM MUD: \$2,808

DAYS FROM SPUD: 3

DAY: 5 **REP DATE:** Mar 23/05 **STATUS** 06:00 Trip for directional tools

DEPTH: 429 **PROG.** 12 **KB:** 776.05 **GL:** 771.80 **MACP:** 2750

SURVEYS: 421 .75

MUD TYPE: Gel/chem **WT:** 1190 **VISC:** 46 **WL:** **FC:** **PH:** 8

ADDITIVES: Sawdust 10, sapp 1, desco 2, calcium nitrate 6, alkapam 4,

BIT	SERIAL #	SIZE	MFG	TYPE	JETS	OUT	RUN	HRS	TBG	WEIGHT	RPM
2ARR	140612	311	varel	L127	3 X 15.9	429	88	6.25	4 2 I	6	194
1rt	v26x5	200	Hughs	GTG1H	3 X 15.9						

PUMP	DESCR.	LINER	STK	SPM	RATE	PRESS	AV DC	AV DP	NOZZEL VEL
Emsco	F-800	165	229	134	1.970	11500	34	29	

DRILLING ASSEMBLY

TOOL	OD	ID	LENGTH
Bit	311		0.3
BIT SUB	193		0.90
	190		
X/O	158		0.52
16 - DC	156		146.98
30 HW	114		274.48
Kelly			5.84

REMARKS

TOTAL

429.02

RAN 33 JTS OF 219.1 MM, 35.72 KG/M, J-55 8rd st&c CASING.

LANDED AT 428.98 MKB. **TOTAL LENGTH** 429.98 METERS.

CEMENTED WITH 33.1 tonne of 0-1-0 g with 1.5% cacl2.

PLUG DOWN AT 9:20 HRS. ON mar 22/05 WITH 8.0 M3 CEMENT RETURNS.

LOGS RUN

DISFL M TO M. **CNL-DEN** M TO M.
SONIC M TO M.

TIME DISTRIBUTION

MORU:	RIG REP:
DRILL MH & RH:	LOGGING:
RIG SERVICE:	CEMENT: 1.50
SURVEY: 0.25	WOC: 4.00
PRESSURE TEST: 5.75	RUN CSG: 3.00
DRILL: 0.75	DST:
DRILL OUT:	TRIP: 2.00
CIRCULATE: 2.25	L.D.D.S.:
NIPPLE UP BOP: 2.25	REAM:
weld boul 1.50	
safety 0.75	
TOTAL HOURS: 24.00	

REMARKS:

Circulate the mud once we got back on bottom. Drill from 417-429 mkb. Circulate and condition the hole, survey, pull out to run casing. Hold a safety meeting and rig up the tong's. Run 33 jts of 219.1mm X 35.7 kg/m X J-55 8rd st&c casing, the casing is landed at 428.98 mkb, cement the casing with 33.1 tonne of 0-1-0 g + 1.5% cacl2. WOC, Cut casing and weld on the boul. Nipple up the bop's. Press test the blind ram's, pipe ram's, hydri, hcr valves, kill line valves and manifold valves to 1500/14000 kpa 15 min's each with less than 5% drop. Run in and start to press test the kelly cock's upper and lower.

FINAL WELL STATUS:

**PARAMOUNT RESOURCES LTD
RUNNING AND CEMENTING**

SURFACE CASING

O.D.: 219.1 MM

WELL NAME: Para et al Camerron (2) M-73 **LOC:** M-73 **DATE:** Mar 22/05

K.B. ELEVATION 776.05 **CSG. FLG** _____ **TOTAL DEPTH (DRILLER)** 429

HOLE SIZE	311		
DEPTH M	429		

CSG IN HOLE	219.1		
DEPTH SET	428.98		

MUD TYPE: Gel/chem **WT:** 1190 KG/M3 **VISC:** 46 **WL:** _____

BOP'S 9" X 21 mpa

RUNNING

POWER TONGS Total Dept **TORQUE: MAX:** 4140 **NM NOM** 3310 **NM MIN** 2480
TIME PIPE START: 3:00 **TIME ON BOTTOM** 6:00 **TIME CIRCULATED** 1.5
FILL UP POINTS: on the fly **BOTTOM BY CSG** 428.98 **UP FROM KB:** 0.9

REMARKS:

CEMENTING

CEMENT CO: Sanjel **OPERATOR:** Neal Makkownen **AR. TIME:** 5:00
TYPES & QUANTITY OF CEMENT: 33.1 tonne of 0-1-0 G with 1.5% Cacl2

HEIGHT TO BE CEMENTED 0-429

FLUSH: 5m3 of water **MIX TIME: START:** 8:44 **FIN:** 9:02 **WT:** 1901
CALCULATED DISP 14.1 **MEASURED DISP.** 14.1 **START:** 9:02 **FIN:** 9:20
DISPLACING FLUID water **MAX. PRESS** 5000 **BUMP W/** 8000
CEMENT RETURNS 8m3 **FLOAT** held **WORKED CSG WHILE CMT** recp

REMARKS:

LANDING

TIME LANDED: 9:00 **DATE:** mar 22/05 **'WT. STRING (LESS BLOCKS)daN** _____
WT. LANDED IN SLIPS: _____ **daN** **BOWL:** _____ **SIZE:** _____
SERIES _____ **SLIP & SEAL ASS:** _____

REMARK:

AGENT OF OPERATOR: Brian Neigum

PARAMOUNT RESOURCES LTD

DAILY DRILLING REPORT

Para et al Camerron (2) M-73

UNIQUE I.D. 302M736010117150

LOCATION: M-73

WELL LICENCE 2026

SUPERVISOR: Brian Neigum 548-5013

CELLULAR #: 403-997-5286

SPUD DATE:

R.R. DATE:

CONTRACTOR: PD 247

A.F.E. #: 05N510104 EST. T.D 1494

DAILY COST: \$36,887

CUM. COST: \$189,940

DAILY MUD: \$1,160

CUM MUD: \$1,240

DAYS FROM SPUD: 2

DAY: 4 REP DATE: Mar 22/05 STATUS 06:00 Cir casing

DEPTH: 417 PROG. KB: 776.05 GL: 771.80 MACP: 2624

SURVEYS: 220 .5, 248 .5, 275 .75, 303 .75, 330 1, 357 .75, 384 .75.

MUD TYPE: Gel/chem WT: 1220 VISC: 100 WL: FC: PH: 8

ADDITIVES: sapp 6, det 1, sawdust 8, desco 5

BIT	SERIAL #	SIZE	MFG	TYPE	JETS	OUT	RUN	HRS	TBG	WEIGHT	RPM
1A	I38nd	311	rt	MXC1	4 X 14.3	341	326	18.75	6 3 l	7	200
2ARR	140612	311	varel	L127	3 X 15.9	in	76	5.5	in	6	194

PUMP	DESCR.	LINER	STK	SPM	RATE	PRESS	AV DC	AV DP	NOZZEL VEL
Emsco	F-800	165	229	130	1.911	11500	34	29	

DRILLING ASSEMBLY

TOOL	OD	ID	LENGTH
Bit	311		0.3
BIT SUB	193		0.90
2 - 8" DC	190		17.85
X/O	158		0.52
16 - DC	156		146.98
26 HW	114		237.78
Kelly			12.97

REMARKS TOTAL 417.30

RAN JTS OF MM,

LANDED AT MKB. TOTAL LENGTH

CEMENTED WITH

PLUG DOWN AT

LOGS RUN

DISFL M TO M. CNL-DEN M TO M.

SONIC M TO M.

TIME DISTRIBUTION

MORU:	RIG REP:
DRILL MH & RH:	LOGGING:
RIG SERVICE:	0.75 CEMENT:
SURVEY:	1.75 WOC:
PRESSURE TEST:	RUN CSG:
DRILL:	12.25 DST:
DRILL OUT:	TRIP: 8.25
CIRCULATE:	1.00 L.D.D.S.:
NIPPLE UP BOP:	CTB:
HANDLE TOOLS:	

TOTAL HOURS: 24.00

KG/M, CASING. METERS.

WITH M3 CEMENT RETURNS.

REMARKS:

Rig service, drill and survey to 341 mkb. Circulate the hole clean and trip for bit. Drill and survey to 373 mkb, rig service and function test the hydril. Drilla nd survey to 417 mkb, circulate and condition the hole. Wiper trip and strap, Lay down the 8" dc on the wiper trip. Circulate once we where back on bottom after the wiper trip.

There was .03 difference on the strap.

FINAL WELL STATUS:

PARAMOUNT RESOURCES LTD

DAILY DRILLING REPORT

Para et al Camerron (2) M-73

UNIQUE I.D. 60deg 02' 52", 117 deg 29' 32"

LOCATION: M-73

WELL LICENCE

SUPERVISOR: Brian Neigum 548-5013

CELLULAR #: 403-997-5286

SPUD DATE:

R.R. DATE:

CONTRACTOR: PD 247

A.F.E. #: 05N510104 **EST. T.D** 1494

DAILY COST: \$38,261

CUM. COST: \$159,803

DAILY MUD: \$80

CUM MUD: \$80

DAYS FROM SPUD: 1

DAY: 3 **REP DATE:** Mar 21/05 **STATUS** 06:00 Drill to 312

DEPTH: 223 **PROG.** 208 **KB:** 776.05 **GL:** 771.80 **MACP:**

SURVEYS: 30 .75, 59 .25, 86 .5, 114 .75, 138 .25, 138 .25, 163 .25, 193 .75

MUD TYPE: Gel/chem **WT:** 1090 **VISC:** 34 **WL:** **FC:** **PH:** 8

ADDITIVES: Soda ash 4

BIT	SERIAL #	SIZE	MFG	TYPE	JETS	OUT	RUN	HRS	TBG	WEIGHT	RPM
1A	I38nd	311	rt	MXC1	4 X 14.3	IN	208	12	IN	7	200

PUMP	DESCR.	LINER	STK	SPM	RATE	PRESS	AV DC	AV DP	NOZZEL VEL
Emsco	F-800	165	229	130	1.911	5600	34	29	

DRILLING ASSEMBLY

TOOL	OD	ID	LENGTH
Bit	311		0.3
BIT SUB	193		0.90
2 - 8" DC	190		17.85
X/O	158		0.52
16 - DC	156		146.98
5 HW	114		46.00
Kelly			10.50

REMARKS **TOTAL** 223.05

RAN **JTS OF** **MM,**

LANDED AT **MKB.** **TOTAL LENGTH**

CEMENTED WITH

PLUG DOWN AT

LOGS RUN

DISFL **M TO** **M.** **CNL-DEN** **M TO** **M.**

SONIC **M TO** **M.**

TIME DISTRIBUTION

MORU:	2.50	RIG REP:	0.25
DRILL MH & RH:		LOGGING:	
RIG SERVICE:	0.50	CEMENT:	
SURVEY:	1.50	WOC:	
PRESSURE TEST:		RUN CSG:	
DRILL:	12.00	DST:	
DRILL OUT:		TRIP:	
CIRCULATE:		L.D.D.S.:	
NIPPLE UP BOP:	7.00	REAM:	
SAFETY	0.25		

TOTAL HOURS: 24.00

KG/M, **CASING.**

METERS.

WITH **M3 CEMENT RETURNS.**

REMARKS:

Rig up the rig and the diverter system. Rig service and funtion test the diverter system. Hold a prespud safety meeting and spud with a 311 mm bit at 10:00 hrs mar 20/05. Tagged bottom at 15 mkb. Drill and survey to 123 mkb. Change the belt on the precharge pump on the F-800 mud pump. Drill and survey to 223 mkb.

FINAL WELL STATUS:

DAILY DRILLING REPORT

FINAL WELL STATUS:

PARAMOUNT RESOURCES LTD

DAILY DRILLING REPORT

Para et al Camerron (2) M-73

UNIQUE I.D. 60deg 02' 52", 117 deg 29' 32"

LOCATION: M-73

WELL LICENCE

SUPERVISOR: Brian Neigum 548-5013

CELLULAR #: 403-997-5286

SPUD DATE:

R.R. DATE:

CONTRACTOR: PD 247

A.F.E. #: 05N510104 EST. T.D 1494

DAILY COST: \$41,096

CUM. COST: \$41,096

DAILY MUD:

CUM MUD:

DAYS FROM SPUD: 1 ps

DAY: 1 REP DATE: Mar 19/05 STATUS 06:00 wait on daylight to move

DEPTH: PROG. KB: 776.05 GL: 771.80 MACP:

SURVEYS:

MUD TYPE: WT: VISC: WL: FC: PH:

ADDITIVES:

BIT	SERIAL #	SIZE	MFG	TYPE	JETS	OUT	RUN	HRS	TBG	WEIGHT	RPM

PUMP	DESCR.	LINER	STK	SPM	RATE	PRESS	AV DC	AV DP	NOZZEL VEL
Emsco	F-800	165	229						

DRILLING ASSEMBLY

TOOL	OD	ID	LENGTH
Bit	311		
Kelly			
REMARKS	TOTAL		

TIME DISTRIBUTION

MORU:	RIG REP:
DRILL MH & RH:	LOGGING:
RIG SERVICE:	CEMENT:
SURVEY:	WOC:
PRESSURE TEST:	RUN CSG:
DRILL:	DST:
DRILL OUT:	TRIP:
CIRCULATE:	L.D.D.S.:
NIPPLE UP BOP:	REAM:
Wait rathole & Daylight	24.00
TOTAL HOURS:	24.00

RAN JTS OF MM, KG/M, CASING.
 LANDED AT MKB. TOTAL LENGTH METERS.
 CEMENTED WITH
 PLUG DOWN AT HRS. ON WITH M3 CEMENT RETURNS.
 LOGS RUN
 DISFL M TO M. CNL-DEN M TO M.
 SONIC M TO M.

REMARKS:

Wait on rat hole to be drilled and then daylight to move. Drill the rathole 0-5' frozen muskeg, 5-15 perma frost, 15-40' clay & rock's. Install matting over the pipeline at lease road interance.

FINAL WELL STATUS: