PARAMOUNT RESOURCES LTD.

DAILY COMPLETION / WORKOVER REPORT

WELL NAME:	Paramount et al Liard	DATE: 11-Jan-05	REPORT NO: 8
LOCATION:	K-29	CONTRACTOR:	Concord Well Service #6
TD (mKB):	3000.0 PBTD (mKB): 3000.00	Csg Size (mm): 177.8	AFE # 04N420178
FORMATION:	Nahanni	Perforations:	Open Hole 2500.0 to 3000.0
PURPOSE:	Coil Tubing Clean Out & Acid Job		

WELLHEAD PRESSURES @08:00 hrs: SITP: _____ kPa SICP: _____ kPa

CURRENT OPERATIONS @08:00 hrs: Move Out Rig Equipment.

PREVIOUS DAYS OPERATIONS

SITP: kPa SICP: kPa

08:00. Held safety meeting and discussed daily operations and hazards. Performed walk around lease inspection.
Loaded out and moved out all rental equipment.
Removed derrick from service rig and loaded derrick on trailer. Spotted rig equipment to be loaded out in the following morning.
Cleaned wellhead and lease. Prepared all equipment to move.

18:00. SDFN.

Move out all service rig equipment the following morning.

DAILY COST SUMMARY

Item	Amount	Item	Amount		Item	Amount
SERVICE RIG	$10,967.00	TEST EQUIPMENT	$7,526.00		DAILY COST	$179,836.00
SUPERVISION	$3,153.00	FLUID HAULING	$0.00		PREVIOUS	$1,000,444.00
RENTALS	$0.00	CAMP SERVICES	$4,400.00		COST TO DATE	$1,180,280.00
TOWING & LEASE	$0.00	TRUCKING	$146,190.00		AFE AMOUNT	$0.00
SAFETY SERVICES	$7,600.00		$0.00			

RIG HOURS	12	MOBILE	1-780-849-0571	PREPARED BY	R Ball
CUM RIG HRS.	158	AREA	Fort Liard	RECEIVED BY	D Block

LOAD FLUID

Total Load Fluid:	Daily Recovery:	Recovered to Date:	Load to Recover:
Oil: _____ m^3	Oil: _____ m^3	Oil: _____ m^3	Oil: _____ m^3
Water: _____ m^3	Water: _____ m^3	Water: 959 m^3	Water: +943.0 m^3
			('+' new fluid)

PARAMOUNT RESOURCES LTD.

DAILY COMPLETION / WORKOVER REPORT

WELL NAME: Paramount et al Liard
DATE: 10-Jan-05 REPORT NO: 7
LOCATION: K-29
CONTRACTOR: Concord Well Service #6
TD (mKB): 3000.0 PBTD (mKB): 3000.00
Csg Size (mm): 177.8 AFE # 04N420178
FORMATION: Nahanni
Perforations: Open Hole 2500.0 to 3000.0
PURPOSE: Coil Tubing Clean Out & Acid Job
WELLHEAD PRESSURES @08:00 hrs: SITP: _____ kPa SICP: _____ kPa
CURRENT OPERATIONS @08:00 hrs: Moving Out Equipment.

PREVIOUS DAYS OPERATIONS

SITP: 3,300 kPa SICP: 2800 kPa

07:00. Held safety meeting and discussed daily operations and hazards. Performed walk around lease inspection. Continued to gas lift fluids from well with 38.1mm coil tubing landed @ 1200 meters and N2 rate at 15 scm. Hourly recovery approximately 7 to 10m3 per hour. Salinity=182,000 ppm and pH=7.
Recovered 34m3 fluid in 3 hours of gas lifting. Salinity=182,000 ppm and pH=7.

10:00. POOH with 38.1mm coil tubing. Shut in wellhead. Purged all surface equipment with N2. Began rigging out Trican coil tubing equipment and test equipment.

14:00. Moved all Trican coil tubing and pumping equipment off location. Emptied all fluid tanks and hauled to production water disposal facilities. All spent acid water was hauled out to CCS Fort St John. Cooled down and emptied boiler. Rigged out boiler. Prepared to move out Concord Rig #6 equipment. Prepared to remove derrick from rig carrier.
Laid down 400 bbl tanks and sported matting. Prepared to move out all rental and rig equipment.

20:00. Vacuum truck on location. Cleaned out Opsco Energy P-tank.
21:00. SDFN.

DAILY COST SUMMARY

Item	Amount	Item	Amount		Item	Amount
SERVICE RIG	$9,400.00	TEST EQUIPMENT	$10,114.00		DAILY COST	$137,306.00
SUPERVISION	$1,100.00	FLUID HAULING	$14,340.00		PREVIOUS	$863,138.00
RENTALS	$1,850.00	CAMP SERVICES	$4,400.00		COST TO DATE	$1,000,444.00
TOWING & LEASE	$0.00	COIL TUBING	$92,302.00		AFE AMOUNT	$0.00
SAFETY SERVICES	$3,800.00		$0.00			
RIG HOURS	14	MOBILE	1-780-849-0571	PREPARED BY		R Ball
CUM RIG HRS.	146	AREA	Fort Liard	RECEIVED BY		D Block

LOAD FLUID

Total Load Fluid:	Daily Recovery:	Recovered to Date:	Load to Recover:
Oil: _____ m^3	Oil: _____ m^3	Oil: _____ m^3	Oil: _____ m^3
Water: 16.0 m^3	Water: 34 m^3	Water: 959 m^3	Water: +943.0 m^3
			('+' new fluid)

FieldNotes
Field Measurements

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
218	2005/01/10	10:40:00	SHUT IN MASTER AND PURGE COIL AND TEST EQUIPMENT.																			
219		11:00:00	START TO RIG OUT TEST EQUIPMENT.																			
220																						
221			TOTAL FLUID RECOVERED TO DATE = 959M³																			

2005/01/10 08:00:00 To 2005/01/10

Gas	0.000	Cum.	0.000 10^3m^3
Oil	0.000	Cum.	0.000 m^3
Water	34.000	Cum.	959.000 m^3
Condensate	0.000	Cum.	0.000 m^3

PARAMOUNT RESOURCES
300K296030123301
Start Test Date: 2005/01/04
Final Test Date: 2005/01/10

FieldNotes
Field Measurements

PARAMOUNT ET AL LIARD
Formation: NAH
Test Type: COIL CLEAI

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
187	2005/01/09	11:00:00				16400.00											740.000	16.000	740.000		182000.0	7.000
188		12:00:00				16450.00											755.000	15.000	755.000		182000.0	7.000
189		13:00:00				16800.00											769.000	14.000	769.000		182000.0	7.000
190			COIL GOING DEEPER IN HOLE 1METER/HOUR.																			
191			N2 RATE = 15M³/MIN.																			
192		14:00:00				17000.00											783.000	14.000	783.000		184000.0	7.000
193		15:00:00				17000.00											795.000	12.000	795.000		184000.0	7.000
194		16:00:00				17200.00											805.000	10.000	805.000		184000.0	7.000
195		17:00:00				17200.00											814.000	9.000	814.000		182000.0	7.000
196		18:00:00				17400.00											824.000	10.000	824.000		182000.0	7.000
197		19:00:00				17400.00											832.000	8.000	832.000		182000.0	7.000
198																						
199			TOTAL FLUID RECOVERED IN LAST 12 HOURS = 149M³																			
200			TOTAL FLUID RECOVERED TO DATE = 832M³																			
201																						
202		20:00:00				15800.00											843.000	11.000	843.000		182000.0	7.000
203		21:00:00				15800.00											851.000	8.000	851.000		182000.0	7.000
204		22:00:00				15800.00											860.000	9.000	860.000		180000.0	7.000
205		23:00:00				15800.00											869.000	9.000	869.000		180000.0	7.000
206	2005/01/10	00:00:00				15900.00											877.000	8.000	877.000		180000.0	7.000
207		01:00:00				15900.00											885.000	8.000	885.000		178000.0	7.000
208		02:00:00				15900.00											894.000	9.000	894.000		178000.0	7.000
209		03:00:00				14800.00											903.000	9.000	903.000		178000.0	7.000
210		04:00:00				14800.00											911.000	8.000	911.000		178000.0	7.000
211		05:00:00				14800.00											918.000	7.000	918.000		180000.0	7.000
212		06:00:00				15000.00											925.000	7.000	925.000		182000.0	7.000
213		07:00:00				15000.00											932.000	7.000	932.000		182000.0	7.000
214		08:00:00				15000.00											941.000	9.000	941.000		182000.0	7.000
215		09:00:00																				
216		10:00:00				14400.00											959.000	10.000	959.000		182000.0	7.000
217		10:05:00	COIL STARTING OUT OF HOLE.																			

2005/01/09 06:00:00 To 2005/01/10 06:00:00

Gas	0.000	Cum.	0.000 10^3m^3
Oil	0.000	Cum.	0.000 m^3
Water	254.000	Cum.	925.000 m^3
Condensate	0.000	Cum.	0.000 m^3

FieldNotes
Field Measurements

	Date	Clock Time	Choke C Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss	mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
156	2005/01/08		TOTAL FLUID RECOVERED TODAY = 119 M³																		
157			TOTAL FLUID RECOVERED TO DATE = 583 M³																		
158																					
159		19:00:00			14800.00											594.000	11.000	594.000		174000.0	7.000
160		20:00:00			14800.00											605.000	11.000	605.000		176000.0	7.000
161		21:00:00			48000.00											615.000	10.000	615.000		178000.0	7.000
162		22:00:00			14750.00											627.000	12.000	627.000		180000.0	7.000
163		22:50:00	SHUT DOWN N2, COIL PLUGGED.																		
164		23:00:00			14750.00											639.000	12.000	639.000		180000.0	7.000
165		23:10:00	START IN HOLE WITH N2.																		
166		23:15:00	SHUT DOWN N2.																		
167		23:25:00	START IN HOLE WITH N2.																		
168		23:40:00	SHUT DOWN N2.																		
169		23:45:00	START IN HOLE WITH N2.																		
170		23:50:00	SHUT DOWN N2 AND RUN OUT OF HOLE.																		
171	2005/01/09	00:00:00			48000.00											640.000	1.000	640.000			
172		01:30:00	START UP N2																		
173		01:35:00	SHUT DOWN N2.																		
174		02:35:00	START RUNNING COIL INTO THE HOLE.																		
175		02:55:00	START UP N2.																		
176		04:00:00			14750.00											650.000	10.000	650.000		174000.0	7.000
177		05:00:00			14750.00											661.000	11.000	661.000		180000.0	7.000
178		06:00:00			14750.00											671.000	10.000	671.000		180000.0	7.000
179		07:00:00			14750.00											683.000	12.000	683.000		180000.0	7.000
180																					
181			TOTAL FLUID PROUDUCED IN LAST 12 HOURS = 100M³																		
182			TOTAL FLUID RECOVERED TO DATE = 683M³																		
183																					
184		08:00:00			15400.00											696.000	13.000	696.000		176000.0	7.000
185		09:00:00			15400.00											711.000	15.000	711.000		176000.0	7.000
186		10:00:00			15800.00											724.000	13.000	724.000		180000.0	7.000

2005/01/08 06:00:00 To 2005/01/09 06:00:00

Gas	0.000	Cum.	0.000 10^3m^3
Oil	0.000	Cum.	0.000 m^3
Water	207.000	Cum.	671.000 m^3
Condensate	0.000	Cum.	0.000 m^3

FieldNotes
Field Measurements

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
125	2005/01/08	06:30:00			16681.00	17400.00																
126		07:00:00			16681.00	17400.00																
127		07:30:00	OPEN WELLON A 19.05MM CHOKE.																			
128		07:35:00			13292.00	17400.00																
129		07:40:00			8692.00	14750.00																
130		07:45:00	KICK WELL DOWN 38.1MM GUT LINE																			
131		07:45:00			196.00	14700.00																
132		07:50:00	COIL STARTING IN HOLE.																			
133		08:00:00				15400.00																
134		08:30:00	START TO PUMP N2 AT A RATE OF 15M³/MIN.																			
135		08:50:00	COIL ON DEPTH / COMMENCE GAS LIFT.																			
136		09:15:00	FLUID TO SURFACE.																			
137		10:00:00				15800.00											478.000	14.000	478.000		182000.0	7.000
138		11:00:00				15800.00											492.000	14.000	492.000		180000.0	7.000
139		12:00:00				15800.00											506.000	14.000	506.000		178000.0	7.000
140		12:20:00	PUMP 500L OF INHIBITOR INTO COIL.																			
141		12:25:00	INHIBITOR PUMPED.																			
142		13:00:00																				
143		13:40:00	COIL COMING OUT OF HOLE / POSSIBLE OBSTUCTION ACROSS NOZZLE.																			
144		13:55:00	N2 BACK ONLINE AT 15M³ / MIN.																			
145		14:00:00				15800.00											530.000	9.000	530.000		178000.0	7.000
146		14:00:00	FLUID RETURNS AT VESSEL.																			
147		14:10:00	NO FLUID AT VESSEL / PULL COIL UP.																			
148		14:17:00	COIL GOING BACK DOWN HOLE TO 1200M.																			
149		14:35:00	FLUID RETURNS AT VESSEL.																			
150		15:00:00				15800.00											542.000	12.000	542.000		178000.0	7.000
151		16:00:00				15800.00											555.000	13.000	555.000		178000.0	7.000
152		16:03:00	PUMP 250 LITERS OF INHIBITOR THROUGH COIL.																			
153		17:00:00				14800.00											569.000	13.000	568.000		174000.0	7.000
154		18:00:00				14800.00											583.000	16.000	583.000		174000.0	7.000
155																						

2005/01/08 06:00:00 To 2005/01/09 06:00:00

Gas	0.000	Cum.	0.000 10^3m^3
Oil	0.000	Cum.	0.000 m^3
Water	207.000	Cum.	671.000 m^3
Condensate	0.000	Cum.	0.000 m^3

PARAMOUNT RESOURCES
300K296030123301
Start Test Date: 2005/01/04
Final Test Date: 2005/01/10

FieldNotes
Field Measurements

PARAMOUNT ET AL LIARD
Formation: NAHA
Test Type: COIL CLEANU

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
94	2005/01/07	14:00:00				15800.00																
95		15:00:00				15600.00																
96		15:20:00	COIL START TO RUN IN HOLE.																			
97		16:00:00				15600.00																
98		17:00:00				15400.00																
99		17:05:00	COIL COMING OUT OF HOLE WHILE PRESSURIZING TUBING.																			
100		18:00:00				15000.00																
101																						
102			TOTAL FLUID PRODUCED TO DATE = 464.0M³																			
103																						
104		20:15:00	COMPLETE PUMPING N2 AND MONITOR PRESSURES.																			
105		20:30:00			17140.00	14900.00																
106		21:00:00			17110.00	16800.00																
107		21:30:00			17065.00	16750.00																
108		22:00:00			17041.00	17500.00																
109		22:30:00			17016.00	17500.00																
110		23:00:00			16986.00	17500.00																
111		23:30:00			16959.00	17500.00																
112	2005/01/08	00:00:00			16935.00	17500.00																
113		00:30:00			16906.00	17450.00																
114		01:00:00			16878.00	17400.00																
115		01:30:00			16852.00	17400.00																
116		02:00:00			16829.00	17400.00																
117		02:30:00			16805.00	17400.00																
118		03:00:00			16781.00	17400.00																
119		03:30:00			16761.00	17400.00																
120		04:00:00			16739.00	17400.00																
121		04:30:00			16720.00	17400.00																
122		05:00:00			16704.00	17400.00																
123		05:30:00			16688.00	17400.00																
124		06:00:00			16684.00	17400.00																

2005/01/07 06:00:00 To 2005/01/08 06:00:00

Gas	0.000	Cum.	0.000 10^3m^3
Oil	0.000	Cum.	0.000 m^3
Water	30.000	Cum.	464.000 m^3
Condensate	0.000	Cum.	0.000 m^3

FieldNotes
Field Measurements

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
63	2005/01/06	16:35:00	COIL STARTING TO RUN BACK DOWN.																			
64		16:40:00	COIL GETTING LOADED UP.																			
65		16:47:00	COIL RUNNING BACK DOWN.																			
66		17:00:00				15750.00											295.658	2.683	295.658		192000.0	7.000
67		18:00:00				15750.00											304.341	8.683	304.341		190000.0	7.000
68																						
69			TOTAL FLUID RECOVERED TO DATE = 304.341 M³																			
70																						
71		19:00:00				15800.00											316.000	11.659	316.000		180000.0	7.000
72		20:00:00				15900.00											327.000	11.000	327.000		184000.0	7.000
73		20:00:00	TRICAN OUT OF N2, SHUT DOWN AND WAIT ON MORE.																			
74		21:00:00				15800.00											331.000	4.000	331.000		182000.0	7.000
75		21:00:00	RESTART IN HOLE WITH N2.																			
76		22:00:00				15800.00											344.000	13.000	344.000		182000.0	7.000
77		23:00:00				15800.00											362.000	18.000	362.000		180000.0	7.000
78	2005/01/07	00:00:00				15800.00											374.000	12.000	374.000		184000.0	7.000
79		01:00:00				15800.00											385.000	11.000	385.000		184000.0	7.000
80		02:00:00				15800.00											395.000	10.000	395.000		182000.0	7.000
81		03:00:00				15800.00											406.000	11.000	406.000		184000.0	7.000
82		04:00:00				15800.00											416.000	10.000	416.000		182000.0	7.000
83		05:00:00				15800.00											425.000	9.000	425.000		182000.0	7.000
84		06:00:00				15800.00											434.000	9.000	434.000		180000.0	7.000
85		07:00:00				15800.00											443.000	9.000	443.000		182000.0	7.000
86		08:00:00				15800.00											448.000	5.000	448.000		180000.0	7.000
87		09:00:00				15800.00											453.000	5.000	453.000		180000.0	7.000
88		09:26:00	COILSTARTING OUT OF HOLE.																			
89		10:00:00				15800.00											459.000	6.000	459.000		180000.0	7.000
90		10:00:00	COIL OUT OF HOLE / SHUT IN MASTER VALVES.																			
91		10:05:00	PURGE COIL THROUGH TEST VESSEL.																			
92		10:30:00															464.000	5.000	464.000			
93		13:00:00	WAIT FOR N2 BULKERS TO ARRIVE.																			

2005/01/06 06:00:00 To 2005/01/07 06:00:00

Gas	0.000	Cum.	0.000 10^3m^3
Oil	0.000	Cum.	0.000 m^3
Water	258.000	Cum.	434.000 m^3
Condensate	0.000	Cum.	0.000 m^3

FieldNotes
Field Measurements

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
		yyyy/mm/d hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
32	2005/01/05	21:30:00	FINISH PUMPING 17 m³ ACID IN OPEN HOLE.																			
33		21:35:00	BEGIN DISPLACING ACID FROM COIL WITH N2																			
34		21:45:00	FINISH DISPLACING ACID.																			
35		21:45:00	ALLOW ACID TO SIT FOR 1 HOUR.																			
36		23:00:00	OPEN UP AND BEGIN PUMPING N2																			
37		23:00:00			1278.00	15400.00																
38		23:25:00	FLUID TO SURFACE																			
39		23:45:00	BEGIN TO SEE ACID RETURNS.																			
40	2005/01/06	00:00:00				15500.00											109.000	7.000	109.000			1.000
41		01:00:00				15650.00											118.000	9.000	118.000			7.000
42		02:00:00				15800.00											129.000	11.000	129.000		196000.0	7.000
43		03:00:00				16050.00											139.000	10.000	139.000		198000.0	7.000
44		04:00:00				16100.00											150.000	11.000	150.000		198000.0	7.000
45		05:00:00				16100.00											163.000	13.000	163.000		200000.0	7.000
46		06:00:00				15900.00											176.000	13.000	176.000		220000.0	7.000
47		07:00:00				15900.00											195.000	19.000	195.000			
48		07:15:00	SHIFT CHANGE / SAFETY MEETING WITH ALL DAY TIME PERSONNAL																			
49		08:00:00				15800.00											209.000	14.000	209.000		190000.0	7.000
50		08:00:00	DROP N2 RATE TO 15M³/MIN.																			
51		09:00:00				15800.00											222.260	13.260	222.260		190000.0	7.000
52		09:07:00	DROP N2 RATE TO 10M³/MIN.																			
53		09:35:00	INCREASE N2 RATE TO 15M³/MIN. (NOT LIFTING FLUID AT 10M³/ MIN.)																			
54		10:00:00				15800.00											233.510	11.250	233.510		184000.0	7.000
55		11:00:00				15800.00											246.210	12.700	246.210		192000.0	7.000
56		11:05:00	DECREASE N2 TO 10M³/MIN AT 2200 METERS,.																			
57		12:00:00				15800.00											257.050	10.840	257.050		192000.0	7.000
58		13:00:00				15800.00											268.653	11.603	268.653		158000.0	7.000
59		14:00:00				15800.00											280.256	11.603	280.256		158000.0	7.000
60		15:00:00				15800.00											291.859	11.603	291.859			
61		16:00:00				15800.00											292.975	1.116	292.975			
62		16:15:00	N2 BACK ONLINE AT 15M³/MIN.																			

2005/01/05 07:00:00 To 2005/01/06 06:00:00

Gas	0.000	Cum.	0.000 10^3m^3
Oil	0.000	Cum.	0.000 m^3
Water	176.000	Cum.	176.000 m^3
Condensate	0.000	Cum.	0.000 m^3

PARAMOUNT RESOURCES
300K296030123301
Start Test Date: 2005/01/04
Final Test Date: 2005/01/10

FieldNotes
Field Measurements

PARAMOUNT ET AL LIARD
Formation: NAHA
Test Type: COIL CLEAN

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
1	2005/01/04	09:00:00		0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
2		10:00:00	ARRIVE ON LOCATION / HOLD SAFETY MEETING WITH TEST CREW.																			
3		11:00:00	START TO RIG IN TEST EQUIPMENT.																			
4		14:00:00	RIG UP PROPANE TO PURGE VESSEL.																			
5		15:00:00	UNABLE TO RIG ONTO WELLHEAD BECAUSE OF NO E.S.D.																			
6		19:00:00	SHUT DOWN FOR NIGHT / SECURE TEST EQUIPMENT.																			
7	2005/01/05	07:00:00	ARRIVE ON LOCATION AND ATTEND SAFETY MEETING ON TODAYS OPERATIONS.																			
8		08:00:00	WAIT ON APPROVAL FROM CALGARY N.E.B.																			
9		10:15:00	PRESSURE TEST COIL.																			
10		10:45:00	PRESSURE TEST WELLHEAD TO 11.6MPA																			
11		11:10:00	BLEED DOWN WELLHEAD PRESSURE TO 4000 KPA.																			
12		12:00:00	PRESSURE TEST FLOWLINE AND HOLD FOR 5 MINS.																			
13		12:10:00	PRESSURE TEST HELD GOOD.																			
14		12:30:00																				
15		12:30:00	PUMP PICKLE.																			
16		12:45:00	PICKLE PUMPED.																			
17		13:00:00	OPEN BOTH MASTER VALVES.																			
18		13:10:00	OPEN WELL DOWN ADJUSTABLE CHOKE.																			
19		13:15:00			16648.00	16774.00																
20		13:20:00			14043.00	16774.00																
21		13:25:00			11345.00	16774.00																
22		13:26:00			9007.00	16774.00																
23		13:27:00			8000.00	16000.00																
24		13:28:00	COIL STARTING TO RUN IN HOLE.																			
25		13:47:00	START TO PUMP N2 AT 30 M^3 / MIN.																			
26		14:30:00			1200.00																	
27		14:40:00	INCREASE N2 TO 40M^3/MIN.																			
28		19:00:00	SHUT DOWN COIL UNIT.																			
29		19:20:00	PRESSURE TEST COIL UNIT.																			
30		19:25:00	BEGIN RUNNING IN COIL TO TRY AND JET BY OBSTRUCTION IN TUBING.																			
31		20:00:00	SHUT IN AT MANIFOLD AND BEGIN PUMPING ACID IN OPEN HOLE.																			

2005/01/04 09:00:00 To 2005/01/05 07:00:00

Gas	0.000	Cum.	0.000 10^3m^3
Oil	0.000	Cum.	0.000 m^3
Water	0.000	Cum.	0.000 m^3
Condensate	0.000	Cum.	0.000 m^3

PARAMOUNT RESOURCES LTD.

DAILY COMPLETION / WORKOVER REPORT

WELL NAME: Paramount et al Liard
LOCATION: K-29
TD (mKB): 3000.0 PBTD (mKB): 3000.00
FORMATION: Nahanni
PURPOSE: Coil Tubing Clean Out & Acid Job

DATE: 9-Jan-05 REPORT NO: 6
CONTRACTOR: Concord Well Service #6
Csg Size (mm): 177.8 AFE # 04N420178
Perforations: Open Hole 2500.0 to 3000.0

WELLHEAD PRESSURES @08:00 hrs: SITP: 1,000 kPa SICP: 15,000 kPa
CURRENT OPERATIONS @08:00 hrs: Continue to Gas Lift With Coil Tubing & N2.

PREVIOUS DAYS OPERATIONS

SITP: 1,000 kPa SICP: 14750 kPa

07:00. Held safety meeting and discussed daily operations and hazards. Performed walk around lease inspection. Continued to gas lift well with 38.1mm coil tubing landed @ 1200 meters and N2 rate of 15 scm. Recovery approximately 8 to 14m3/hour. Salinity=180,000 ppm, pH=7.
Recovered 149m3 fluid in 12 hours. Salinity=182,000 ppm, pH=7. Very little or no burnable gas.

19:00. Crew change. Held safety meeting and dicussed nightly operations and hazards. Performed walk around lease inspection. Continued to gas lift fluids with coil tubing & N2.
Fluid recovery dropped slightly during the night to 7 to 9m3/hour. Salinity=182,000 ppm. pH=7. H2S=0.5%. SICP=15,000 kpa.
Daily Fluid Recovered=254m3.
Cum Fluids Recovered=925m3.

07:00. End of report.

DAILY COST SUMMARY

Item	Amount	Item	Amount		Item	Amount
SERVICE RIG	$7,640.00	TEST EQUIPMENT	$3,990.00		DAILY COST	$118,280.00
SUPERVISION	$1,100.00	FLUID HAULING	$5,000.00		PREVIOUS	$731,818.00
RENTALS	$1,850.00	CAMP SERVICES	$4,400.00		COST TO DATE	$850,098.00
TOWING & LEASE	$0.00	COIL TUBING	$90,500.00		AFE AMOUNT	$0.00
SAFETY SERVICES	$3,800.00		$0.00			

RIG HOURS	24	MOBILE	1-780-849-0571	PREPARED BY	R Ball
CUM RIG HRS.	132	AREA	Fort Liard	RECEIVED BY	D Block

LOAD FLUID

Total Load Fluid:	Daily Recovery:	Recovered to Date:	Load to Recover:
Oil: ____ m^3	Oil: ____ m^3	Oil: ____ m^3	Oil: ____ m^3
Water: 16.0 m^3	Water: 254.0 m^3	Water: 925.0 m^3	Water: +909.0 m^3
			('+' new fluid)

PARAMOUNT RESOURCES LTD.

DAILY COMPLETION / WORKOVER REPORT

WELL NAME:	Paramount et al Liard	DATE: 8-Jan-05	REPORT NO: 5
LOCATION:	K-29	CONTRACTOR:	Concord Well Service #6
TD (mKB):	3000.0 PBTD (mKB): 3000.00	Csg Size (mm): 177.8	AFE # 04N420178
FORMATION:	Nahanni	Perforations:	Open Hole 2500.0 to 3000.0
PURPOSE:	Coil Tubing Clean Out & Acid Job		

WELLHEAD PRESSURES @08:00 hrs: SITP: 1,000 kPa SICP: 14750 kPa

CURRENT OPERATIONS @08:00 hrs: Gas Lift Fluids with Coil Tubing & N2.

PREVIOUS DAYS OPERATIONS

SITP: 16,600 kPa SICP: 17,400 kPa

07:00. Held safety meeting and discussed daily operations and hazards. Performed walk around lease inspection. Opend tubing to flow through test equipment. Tubing pressure dropped rapidly to 100 kpa. Burnable gas to surface but no fluids.
Started in hole with 38.1mm coil tubing. Started pumping N2 @ 15 scm with coil tubing @ 1000 meters. Ran CT down to 1500 meters and began gas lifting.
13:30. Recovered total of 66m3 fluid. Nozzle on the coil tubing plugged off after a slug of inhibitor was pumped, pressure coil up to 25 mpa. Returns quit coming. POOH with 38.1mm coil tubing to 800 meters. Pressure in coil began dropping and started getting fluid returns again.
Started N2 @ 15 scm and ran back down to 1200 meters. Continued to gas lift fluids from the well.
Hourly fluid recovery approximately 12 to15m3/hour.
19:00. Crew change. Held safety meeting and discussed nightly operations and hazards. Performed walk around lease inspection. Continued to gas lift well with 38.1mm coil tubing and 15 scm N2.
22:30. Trican pumped 250 liter slug of inhibitor into the coil tubing string. The inhibitor slug plugged up inside the coil tubing string. Pressured up coil tubing to 25 mpa with N2. Could not break plug free. POOH with coil tubing.
Bled off N2 pressure. ND coil tubing injector and removed BHA. BHA was not plugged. Attempted to pump methanol and chase methanol through coil with N2. Could not get plug to move.
02:00. Bled down coil tubing to 0 kpa. Checked and inline screens. Squeezed methanol in coil tubing. Pressured coil tubing up to 25 mpa with N2. RIH with coil tubing to 1200 meters. Plug let go. Started N2 @ 15 scm.
03:00. Fluid returns to surface. Continued to gas lift fluids from well.
07:00. End of report.
Daily Fluids Recovered=207m3.
Cum Fluid Recovered=671m3.
Salinity=180,000 ppm. pH=7.

Average of 10 to 12m3 fluid recovery per hour.

DAILY COST SUMMARY

Item	Amount	Item	Amount		Item	Amount
SERVICE RIG	$7,640.00	TEST EQUIPMENT	$3,990.00		DAILY COST	$118,260.00
SUPERVISION	$1,100.00	FLUID HAULING	$5,000.00		PREVIOUS	$613,558.00
RENTALS	$1,830.00	CAMP SERVICES	$4,400.00		COST TO DATE	$731,818.00
TOWING & LEASE	$0.00	COIL TUBING	$90,500.00		AFE AMOUNT	$0.00
SAFETY SERVICES	$3,800.00		$0.00			

RIG HOURS	24	MOBILE	1-780-849-0571	PREPARED BY	R Ball
CUM RIG HRS.	108	AREA	Fort Liard	RECEIVED BY	D Block

LOAD FLUID

Total Load Fluid:	Daily Recovery:	Recovered to Date:	Load to Recover:
Oil: ____ m^3	Oil: ____ m^3	Oil: ____ m^3	Oil: ____ m^3
Water: 16.0 m^3	Water: 207 m^3	Water: 671 m^3	Water: +655 m^3
			('+' new fluid)

PARAMOUNT RESOURCES LTD.

DAILY COMPLETION / WORKOVER REPORT

WELL NAME:	Paramount et al Liard	DATE: 7-Jan-05	REPORT NO: 4
LOCATION:	K-29	CONTRACTOR:	Concord Well Service #6
TD (mKB):	3000.0 PBTD (mKB): 3000.00	Csg Size (mm): 177.8	AFE # 04N420178
FORMATION:	Nahanni	Perforations:	Open Hole 2500.0 to 3000.0
PURPOSE:	Coil Tubing Clean Out & Acid Job		

WELLHEAD PRESSURES @08:00 hrs: SITP: 16,680 kPa SICP: 17,400 kPa

CURRENT OPERATIONS @08:00 hrs: Flow Back Well and Gas Lift to Recover Well Fluids.

PREVIOUS DAYS OPERATIONS

SITP: TSTM kPa SICP: 15800 kPa

07:00. Held safety meeting and discussed daily operations. Performed walk around lease inspection. Continued to gas lift 114.3mm tubing string with 38.1mm coil tubing landed at 1450 meters. N2 rate=15 scm.

10:00. All production tanks full. POOH with coil tubing. Shut in wellhead valves. Purged coil and test equipment. Waited for tank trucks to empty tanks. Wait on orders.

13:30. Changed coil tubing jetting nozzle out for 44.45mm kick over tool. Pressure tested coil tubing coil & BOP equipment to 21 mpa with N2.

SITP=6000 kpa, SICP=15,800 kpa. RIH with kick over tool and 38.1mm coil tubing. Pumped only enough N2 to keep positive pressure on coil tubing string. Tagged obstruction in the open hole section @ 2699 meters. Began pumping N2 @ 30 scm. Worked kick over tool on obstruction 15 times. Could not get through obstruction.

17:30. POOH with 38.1mm coil tubing.

19:00. Crew change. Held safety meeting and discussed nightly operations and hazards. Performed lease inspection. Continued to POOH with 38.1mm coil tubing.

Coil tubing to surface. Began squeezing N2. Tubing pressure increased to 17 mpa after 3500 scm was pumped and then stabilized. Pumped total of 3700 scm of N2.

20:30. Shut in well and monitored shut in pressures.

07:00. SITP=16,680 kpa, SICP=17,400 kpa. End of Report.

Daily Fluid Recovery=20m3.
Cum Fluid Recovered=464m3.

DAILY COST SUMMARY

Item	Amount	Item	Amount		Item	Amount
SERVICE RIG	$7,640.00	TEST EQUIPMENT	$3,990.00		DAILY COST	$161,858.00
SUPERVISION	$1,100.00	FLUID HAULING	$23,130.00		PREVIOUS	$451,700.00
RENTALS	$1,838.00	CAMP SERVICES	$4,400.00		COST TO DATE	$613,558.00
TOWING & LEASE	$680.00	COIL TUBING	$115,280.00		AFE AMOUNT	$782,550.00
SAFETY SERVICES	$3,800.00		$0.00			

RIG HOURS	24	MOBILE	1-780-849-0571	PREPARED BY	R Ball
CUM RIG HRS.	84	AREA	Fort Liard	RECEIVED BY	D Block

LOAD FLUID

Total Load Fluid:	Daily Recovery:	Recovered to Date:	Load to Recover:
Oil: ____ m^3	Oil: ____ m^3	Oil: ____ m^3	Oil: ____ m^3
Water: 16.0 m^3	Water: 20 m^3	Water: 464 m^3	Water: +448 m^3 ('+' new fluid)

FieldNotes
Field Measurements

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
187	2005/01/09	11:00:00				16400.00											740.000	16.000	740.000		182000.0	7.000
188		12:00:00				16450.00											755.000	15.000	755.000		182000.0	7.000
189		13:00:00				16800.00											769.000	14.000	769.000		182000.0	7.000
190				COIL GOING DEEPER IN HOLE 1METER/HOUR.																		
191				N2 RATE = 15M³/MIN.																		
192		14:00:00				17000.00											783.000	14.000	783.000		184000.0	7.000
193		15:00:00				17000.00											795.000	12.000	795.000		184000.0	7.000
194		16:00:00				17200.00											805.000	10.000	805.000		184000.0	7.000
195		17:00:00				17200.00											814.000	9.000	814.000		182000.0	7.000
196		18:00:00				17400.00											824.000	10.000	824.000		182000.0	7.000
197		19:00:00				17400.00											832.000	8.000	832.000		182000.0	7.000
198																						
199				TOTAL FLUID RECOVERED IN LAST 12 HOURS = 149M³																		
200				TOTAL FLUID RECOVERED TO DATE = 832M³																		
201																						
202		20:00:00				15800.00											843.000	11.000	843.000		182000.0	7.000
203		21:00:00				15800.00											851.000	8.000	851.000		182000.0	7.000
204		22:00:00				15800.00											860.000	9.000	860.000		180000.0	7.000
205		23:00:00				15800.00											869.000	9.000	869.000		180000.0	7.000
206	2005/01/10	00:00:00				15900.00											877.000	8.000	877.000		180000.0	7.000
207		01:00:00				15900.00											885.000	8.000	885.000		178000.0	7.000
208		02:00:00				15900.00											894.000	9.000	894.000		178000.0	7.000
209		03:00:00				14800.00											903.000	9.000	903.000		178000.0	7.000
210		04:00:00				14800.00											911.000	8.000	911.000		178000.0	7.000
211		05:00:00				14800.00											918.000	7.000	918.000		180000.0	7.000
212		06:00:00				15000.00											925.000	7.000	925.000		182000.0	7.000
213		07:00:00				15000.00											932.000	7.000	932.000		182000.0	7.000
214																						

2005/01/09 06:00:00 To 2005/01/10 06:00:00

Gas	0.000	Cum.	0.000 10^3m^3
	0.000	Cum.	0.000 m^3
.er	254.000	Cum.	925.000 m^3
Condensate	0.000	Cum.	0.000 m^3

FieldNotes
Field Measurements

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
156	2005/01/08			TOTAL FLUID RECOVERED TODAY = 119 M³																		
157				TOTAL FLUID RECOVERED TO DATE = 583 M³																		
158																						
159		19:00:00				14800.00											594.000	11.000	594.000		174000.0	7.000
160		20:00:00				14800.00											605.000	11.000	605.000		176000.0	7.000
161		21:00:00				48000.00											615.000	10.000	615.000		178000.0	7.000
162		22:00:00				14750.00											627.000	12.000	627.000		180000.0	7.000
163		22:50:00	SHUT DOWN N2, COIL PLUGGED.																			
164		23:00:00				14750.00											639.000	12.000	639.000		180000.0	7.000
165		23:10:00	START IN HOLE WITH N2.																			
166		23:15:00	SHUT DOWN N2.																			
167		23:25:00	START IN HOLE WITH N2.																			
168		23:40:00	SHUT DOWN N2.																			
169		23:45:00	START IN HOLE WITH N2.																			
170		23:50:00	SHUT DOWN N2 AND RUN OUT OF HOLE.																			
171	2005/01/09	00:00:00				48000.00											640.000	1.000	640.000			
172		01:30:00	START UP N2																			
173		01:35:00	SHUT DOWN N2.																			
174		02:35:00	START RUNNING COIL INTO THE HOLE.																			
175		02:55:00	START UP N2.																			
176		04:00:00				14750.00											650.000	10.000	650.000		174000.0	7.000
177		05:00:00				14750.00											661.000	11.000	661.000		180000.0	7.000
178		06:00:00				14750.00											671.000	10.000	671.000		180000.0	7.000
179		07:00:00				14750.00											683.000	12.000	683.000		180000.0	7.000
180																						
181			TOTAL FLUID PROUDUCED IN LAST 12 HOURS = 100M³																			
182			TOTAL FLUID RECOVERED TO DATE = 683M³																			
183																						
184		08:00:00				15400.00											696.000	13.000	696.000		176000.0	7.000
185		09:00:00				15400.00											711.000	15.000	711.000		176000.0	7.000
186		10:00:00				15800.00											724.000	13.000	724.000		180000.0	7.000

2005/01/08 06:00:00 To 2005/01/09 06:00:00

Gas	0.000	Cum.	0.000 10^3m^3
	0.000	Cum.	0.000 m^3
	207.000	Cum.	671.000 m^3
Condensate	0.000	Cum.	0.000 m^3

FieldNotes
Field Measurements

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
125	2005/01/08	06:30:00			16681.00	17400.00																
126		07:00:00			16681.00	17400.00																
127		07:30:00	OPEN WELLON A 19.05MM CHOKE.																			
128		07:35:00			13292.00	17400.00																
129		07:40:00			8692.00	14750.00																
130		07:45:00	KICK WELL DOWN 38.1MM GUT LINE																			
131		07:45:00			196.00	14700.00																
132		07:50:00	COIL STARTING IN HOLE.																			
133		08:00:00				15400.00																
134		08:30:00	START TO PUMP N2 AT A RATE OF 15M³/MIN.																			
135		08:50:00	COIL ON DEPTH / COMMENCE GAS LIFT.																			
136		09:15:00	FLUID TO SURFACE.																			
137		10:00:00				15800.00											478.000	14.000	478.000		182000.0	7.000
138		11:00:00				15800.00											492.000	14.000	492.000		180000.0	7.000
139		12:00:00				15800.00											506.000	14.000	506.000		176000.0	7.000
140		12:20:00	PUMP 500L OF INHIBITOR INTO COIL.																			
141		12:25:00	INHIBITOR PUMPED.																			
142		13:00:00																				
143		13:40:00	COIL COMING OUT OF HOLE / POSSIBLE OBSTUCTION ACROSS NOZZLE.																			
144		13:55:00	N2 BACK ONLINE AT 15M³ / MIN.																			
145		14:00:00				15800.00											630.000	9.000	630.000		178000.0	7.000
146		14:00:00	FLUID RETURNS AT VESSEL.																			
147		14:10:00	NO FLUID AT VESSEL / PULL COIL UP.																			
148		14:17:00	COIL GOING BACK DOWN HOLE TO 1200M.																			
149		14:35:00	FLUID RETURNS AT VESSEL.																			
150		15:00:00				15800.00											542.000	12.000	542.000		178000.0	7.000
151		16:00:00				15800.00											555.000	13.000	555.000		178000.0	7.000
152		16:03:00	PUMP 250 LITERS OF INHIBITOR THROUGH COIL.																			
153		17:00:00				14800.00											568.000	13.000	568.000		174000.0	7.000
154		18:00:00				14800.00											583.000	15.000	583.000		174000.0	7.000
155																						

2005/01/08 06:00:00 To 2005/01/09 06:00:00

Gas	0.000	Cum.	0.000 10^3m^3
Oil	0.000	Cum.	0.000 m^3
Water	207.000	Cum.	671.000 m^3
Condensate	0.000	Cum.	0.000 m^3

FieldNotes
Field Measurements

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
94	2005/01/07	14:00:00				15800.00																
95		15:00:00				15600.00																
96		15:20:00	COIL START TO RUN IN HOLE.																			
97		16:00:00				15600.00																
98		17:00:00				15400.00																
99		17:05:00	COIL COMING OUT OF HOLE WHILE PRESSURIZING TUBING.																			
100		18:00:00				15000.00																
101																						
102			TOTAL FLUID PRODUCED TO DATE = 464.0M³																			
103																						
104		20:15:00	COMPLETE PUMPING N2 AND MONITOR PRESSURES.																			
105		20:30:00			17140.00	14900.00																
106		21:00:00			17110.00	15800.00																
107		21:30:00			17065.00	16750.00																
108		22:00:00			17041.00	17500.00																
109		22:30:00			17016.00	17500.00																
110		23:00:00			16986.00	17500.00																
111		23:30:00			16959.00	17500.00																
112	2005/01/08	00:00:00			16935.00	17500.00																
113		00:30:00			16906.00	17450.00																
114		01:00:00			16878.00	17400.00																
115		01:30:00			16852.00	17400.00																
116		02:00:00			16829.00	17400.00																
117		02:30:00			16805.00	17400.00																
118		03:00:00			16781.00	17400.00																
119		03:30:00			16761.00	17400.00																
120		04:00:00			16739.00	17400.00																
121		04:30:00			16720.00	17400.00																
122		05:00:00			16704.00	17400.00																
123		05:30:00			16688.00	17400.00																
124		06:00:00			16684.00	17400.00																

2005/01/07 06:00:00 To 2005/01/08 06:00:00

Gas	0.000	Cum.	0.000 10^3m^3
Oil	0.000	Cum.	0.000 m^3
Water	30.000	Cum.	464.000 m^3
Condensate	0.000	Cum.	0.000 m^3

FieldNotes
Field Measurements

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
63	2005/01/06	16:35:00	COIL STARTING TO RUN BACK DOWN.																			
64		16:40:00	COIL GETTING LOADED UP.																			
65		16:47:00	COIL RUNNING BACK DOWN.																			
66		17:00:00				15750.00											295.658	2.683	295.658		192000.0	7.000
67		18:00:00				15750.00											304.341	8.683	304.341		190000.0	7.000
68																						
69			TOTAL FLUID RECOVERED TO DATE = 304.341 M³																			
70																						
71		19:00:00				15800.00											316.000	11.659	316.000		180000.0	7.000
72		20:00:00				15900.00											327.000	11.000	327.000		184000.0	7.000
73		20:00:00	TRICAN OUT OF N2, SHUT DOWN AND WAIT ON MORE.																			
74		21:00:00				15800.00											331.000	4.000	331.000		182000.0	7.000
75		21:00:00	RESTART IN HOLE WITH N2.																			
76		22:00:00				15800.00											344.000	13.000	344.000		182000.0	7.000
77		23:00:00				15800.00											362.000	18.000	362.000		180000.0	7.000
78	2005/01/07	00:00:00				15800.00											374.000	12.000	374.000		184000.0	7.000
79		01:00:00				15800.00											385.000	11.000	385.000		184000.0	7.000
80		02:00:00				15800.00											395.000	10.000	395.000		182000.0	7.000
81		03:00:00				15800.00											406.000	11.000	406.000		184000.0	7.000
82		04:00:00				15800.00											416.000	10.000	416.000		182000.0	7.000
83		05:00:00				15800.00											425.000	9.000	425.000		182000.0	7.000
84		06:00:00				15800.00											434.000	9.000	434.000		180000.0	7.000
85		07:00:00				15800.00											443.000	9.000	443.000		182000.0	7.000
86		08:00:00				15800.00											448.000	5.000	448.000		180000.0	7.000
87		09:00:00				15800.00											453.000	5.000	453.000		180000.0	7.000
88		09:25:00	COILSTARTING OUT OF HOLE.																			
89		10:00:00				15800.00											459.000	6.000	459.000		180000.0	7.000
90		10:00:00	COIL OUT OF HOLE / SHUT IN MASTER VALVES.																			
91		10:05:00	PURGE COIL THROUGH TEST VESSEL.																			
92		10:30:00															464.000	5.000	464.000			
93		13:00:00	WAIT FOR N2 BULKERS TO ARRIVE.																			

2005/01/06 06:00:00 To 2005/01/07 06:00:00

Gas	0.000	Cum.	0.000 10^3m^3
[illegible]	0.000	Cum.	0.000 m^3
[illegible]	258.000	Cum.	434.000 m^3
Condensate	0.000	Cum.	0.000 m^3

FieldNotes
Field Measurements

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
32	2005/01/05	21:30:00	FINISH PUMPING 17 m³ ACID IN OPEN HOLE.																			
33		21:35:00	BEGIN DISPLACING ACID FROM COIL WITH N2																			
34		21:45:00	FINISH DISPLACING ACID.																			
35		21:45:00	ALLOW ACID TO SIT FOR 1 HOUR.																			
36		23:00:00	OPEN UP AND BEGIN PUMPING N2																			
37		23:00:00			1278.00	15400.00																
38		23:25:00	FLUID TO SURFACE																			
39		23:45:00	BEGIN TO SEE ACID RETURNS.																			
40	2005/01/06	00:00:00				15500.00											109.000	7.000	109.000			1.000
41		01:00:00				15650.00											118.000	9.000	118.000			7.000
42		02:00:00				15800.00											129.000	11.000	129.000		196000.0	7.000
43		03:00:00				16050.00											139.000	10.000	139.000		198000.0	7.000
44		04:00:00				16100.00											150.000	11.000	150.000		198000.0	7.000
45		05:00:00				16100.00											163.000	13.000	163.000		200000.0	7.000
46		06:00:00				15900.00											176.000	13.000	176.000		220000.0	7.000
47		07:00:00				15900.00											195.000	19.000	195.000			
48		07:16:00	SHIFT CHANGE / SAFETY MEETING WITH ALL DAY TIME PERSONNAL																			
49		08:00:00				15800.00											209.000	14.000	209.000		190000.0	7.000
50		08:00:00	DROP N2 RATE TO 15M³/MIN.																			
51		09:00:00				15800.00											222.260	13.260	222.260		190000.0	7.000
52		09:07:00	DROP N2 RATE TO 10M³/MIN.																			
53		09:35:00	INCREASE N2 RATE TO 15M³/MIN. (NOT LIFTING FLUID AT 10M³/ MIN.)																			
54		10:00:00				15800.00											233.510	11.250	233.510		184000.0	7.000
55		11:00:00				15800.00											246.210	12.700	246.210		192000.0	7.000
56		11:05:00	DECREASE N2 TO 10M³/MIN AT 2200 METERS,.																			
57		12:00:00				15800.00											257.050	10.840	257.050		192000.0	7.000
58		13:00:00				15800.00											268.653	11.603	268.653		158000.0	7.000
59		14:00:00				15800.00											280.256	11.603	280.256		158000.0	7.000
60		15:00:00				15800.00											291.859	11.603	291.859			
61		16:00:00				16800.00											292.975	1.116	292.975			
62		16:15:00	N2 BACK ONLINE AT 15M³/MIN.																			

2005/01/05 07:00:00 To 2005/01/06 06:00:00

Gas	0.000	Cum.	0.000	10^3m^3
Oil	0.000	Cum.	0.000	m^3
W	176.000	Cum.	176.000	m^3
C nsate	0.000	Cum.	0.000	m^3

PARAMOUNT RESOURCES
300K296030123301
Start Test Date: 2005/01/04

FieldNotes
Field Measurements

PARAMOUNT ET AL LIARD
Formation: NAHANNI
Test Type: COIL CLEANOUT

	Date	Clock Time	C	Choke Size	Tubing Pres	Casing Pres	Tubing Temp	Static1 Pres	Diff1 Pres	Meter Temp	Orifice1	Gas1 Rate	Cum. Gas1	Measured Fld1 Vol	Calc Inc Oil1 Gain	Cum. Oil1	Measure Wat1 Vol	Calc Inc Wat1 Gain	Cum. Water1	API 1	Salinity	pH
	yyyy/mm/d	hh:mm:ss		mm	kPa(g)	kPa(g)	°C	kPa(g)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	m^3	m^3	m^3	m^3	m^3	° API	ppm	
1	2005/01/04	09:00:00		0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			
2		10:00:00	ARRIVE ON LOCATION /HOLD SAFETY MEETING WITH TEST CREW.																			
3		11:00:00	START TO RIG IN TEST EQUIPMENT.																			
4		14:00:00	RIG UP PROPANE TO PURGE VESSEL.																			
5		15:00:00	UNABLE TO RIG ONTO WELLHEAD BECAUSE OF NO E.S.D.																			
6		19:00:00	SHUT DOWN FOR NIGHT / SECURE TEST EQUIPMENT.																			
7	2005/01/05	07:00:00	ARRIVE ON LOCATION AND ATTEND SAFETY MEETING ON TODAYS OPERATIONS.																			
8		08:00:00	WAIT ON APPROVAL FROM CALGARY N.E.B.																			
9		10:15:00	PRESSURE TEST COIL.																			
10		10:45:00	PRESSURE TEST WELLHEAD TO 11.6MPA																			
11		11:10:00	BLEED DOWN WELLHEAD PRESSURE TO 4000 KPA.																			
12		12:00:00	PRESSURE TEST FLOWLINE AND HOLD FOR 5 MINS.																			
13		12:10:00	PRESSURE TEST HELD GOOD.																			
14		12:30:00																				
15		12:30:00	PUMP PICKLE.																			
16		12:45:00	PICKLE PUMPED.																			
17		13:00:00	OPEN BOTH MASTER VALVES.																			
18		13:10:00	OPEN WELL DOWN ADJUSTABLE CHOKE.																			
19		13:15:00			16548.00	16774.00																
20		13:20:00			14043.00	16774.00																
21		13:25:00			11345.00	16774.00																
22		13:26:00			9007.00	16774.00																
23		13:27:00			8000.00	16000.00																
24		13:28:00	COIL STARTING TO RUN IN HOLE.																			
25		13:47:00	START TO PUMP N2 AT 30 M³ / MIN.																			
26		14:30:00			1200.00																	
27		14:40:00	INCREASE N2 TO 40M³/MIN.																			
28		19:00:00	SHUT DOWN COIL UNIT.																			
29		19:20:00	PRESSURE TEST COIL UNIT.																			
30		19:25:00	BEGIN RUNNING IN COIL TO TRY AND JET BY OBSTRUCTION IN TUBING.																			
31		20:00:00	SHUT IN AT MANIFOLD AND BEGIN PUMPING ACID IN OPEN HOLE.																			

2005/01/04 09:00:00 To 2005/01/05 07:00:00

Gas	0.000	Cum.	0.000 10^3m^3
Oil	0.000	Cum.	0.000 m^3
W	0.000	Cum.	0.000 m^3
Co nsate	0.000	Cum.	0.000 m^3

PARAMOUNT RESOURCES LTD.

DAILY COMPLETION / WORKOVER REPORT

WELL NAME: Paramount et al Liard
LOCATION: K-29
TD (mKB): 3000.0 PBTD (mKB): 3000.00
FORMATION: Nahanni
PURPOSE: Coil Tubing Clean Out & Acid Job

DATE: 6-Jan-05 REPORT NO: 3
CONTRACTOR: Concord Well Service #6
Csg Size (mm): 177.8 AFE # 04N420178
Perforations: Open Hole 2500.0 to 3000.0

WELLHEAD PRESSURES @08:00 hrs: SITP: 500 kPa SICP: 15800 kPa
CURRENT OPERATIONS @08:00 hrs: Gas Lift Well with Coil Tubing.

PREVIOUS DAYS OPERATIONS

SITP: 0 kPa SICP: 15900 kPa

07:00. Held safety meeting and discussed daily operations and hazards. Performed lease inspection. Continued to gas lift well with coil tubing landed @ 1400 meters and N2 @ 20 scm.
08:00. Pulled coil up to 1000 meters. Reduced N2 rate to 15 scm. Fluid recovery remained the same, approximately 13m3/hour.
09:00. Reduced N2 rate to 10 scm. Fluid recovery dropped off. Had to increase N2 back to 15 scm to keep fluid recovery at 10 to 15m3/hour.
11:00. Decreased N2 rates to 10 scm. Continued to lift fluids @ 11.5m3/hour.
15:30. Cum fluid recovered=293m3. Salinity=158,000 ppm & pH=7. Recovery rates dropped to 1m3 in 30 mins.
Increased N2 to 15 scm. Began to RIH with coil tubing. Ran down to 1450 meters. Fluid recovered was spent acid.
Salinity=198,000 ppm. Well produced approximately 10m3 of the heavier fluid.
Fluid production returned to 12m3/hour. Salinity=180,000 ppm and pH=7. Cum fluid recovered=304.3m3. Very little burnable gas.

19:00. Crew change. Held safety meeting and discussed nightly operations and hazards. Performed walk around lease inspection. Continued to gas lift fluids. N2 bulker running late due to poor road conditions.
20:00. Run out of N2. Waited for 1 hour for bulker and to off load to N2 pumper. Started N2 @ 15 scm and continued gas lift liquids from well. Fluid returns again.
Continued to lift well fluids with N2 rates @ 15 scm. Hourly fluid recovery stabilized @ 9m3. Salinity=182,000 ppm, pH=7.
SICP=15,800 kpa. Very Little burnable gas in the returns.
H2S=0.5%. CO2 varied from 0.5% to 6%.
Daily Fluid Recovered=248m3.
Cum Fluid Recovered=434m3.
07:00. End of report.

DAILY COST SUMMARY

Item	Amount	Item	Amount		Item	Amount
SERVICE RIG	$4,000.00	TEST EQUIPMENT	$4,450.00		DAILY COST	$164,360.00
SUPERVISION	$1,100.00	FLUID HAULING	$19,640.00		PREVIOUS	$325,224.00
RENTALS	$1,850.00	CAMP SERVICES	$4,400.00		COST TO DATE	$489,584.00
TOWING & LEASE	$0.00	COIL TUBING	$115,000.00		AFE AMOUNT	$0.00
SAFETY SERVICES	$13,920.00		$0.00			

RIG HOURS	24	MOBILE	1-780-849-0571	PREPARED BY	R Ball
CUM RIG HRS.	60	AREA	Fort Liard	RECEIVED BY	D Block

LOAD FLUID

Total Load Fluid:	Daily Recovery:	Recovered to Date:	Load to Recover:
Oil: ____ m^3	Oil: ____ m^3	Oil: ____ m^3	Oil: ____ m^3
Water: 16.0 m^3	Water: 248 m^3	Water: 434 m^3	Water: +418.0 m^3 ('+' new fluid)

PARAMOUNT RESOURCES LTD.

DAILY COMPLETION / WORKOVER REPORT

WELL NAME: Paramount et al Liard | DATE: 5-Jan-05 | REPORT NO: 2
LOCATION: K-29 | CONTRACTOR: Concord Well Service #6
TD (mKB): 3000.0 | PBTD (mKB): 3000.00 | Csg Size (mm): 177.8 | AFE # 04N420178
FORMATION: Nahanni | Perforations: Open Hole 2500.0 to 3000.0
PURPOSE: Coil Tubing Clean Out & Acid Job
WELLHEAD PRESSURES @08:00 hrs: SITP: 1,000 kPa | SICP: 15,900 kPa
CURRENT OPERATIONS @08:00 hrs: Gas Lift Well

PREVIOUS DAYS OPERATIONS

SITP: 16,700 kPa | SICP: 15,900 kPa

07:00. Held safety meeting with all personal. Discussed coil tubing clean out operations and hazards. Orientated all contract personal. Rigged in DDA Northern Rig Rat system. NU Opsco Energy ESD and flowline. NU Trican 38.1mm coil tubing injector and stripper.
10:00. Pressure tested stripper and wellhead connections to 2 mpa and 21 mpa with N2. Pressure tested facilities high line and cooler to 2 mpa and 12 mpa with N2. Tested coil tubing and Opsco Energy's flowline and choke manifold to 2 mpa and 21 mpa with N2. Bled down N2 pressure through test vessel to purge p-tank.
12:00. Opened master valves. SITP=16,700 kpa, Shut In 177.8mm tubing pressure=16,700 kpa. Shut in masters. Pickled coil tubing string with 0.5m3 15% HCL. Displaced acid through CT to test equipment with 1m3 fresh water & N2. Opened tubing to flow through the test equipment. Tubing pressure bled down to 0 kpa in 30 mins. 177.8mm tubing pressure remained @ 16,700 kpa.
13:30. RIH with 38.1mm coil tubing. Began pumping N2 @ 40 scm. Fluid in returns with coil @ 600 meters. Pull tested coil tubing every 600 meters. Well making approximately 20m3/hour fluid production. Passed through tailpipe assembly freely.
17:00. Tagged obstruction in the open hole @ 2683 meters. Worked coil once and broke through obstruction. Tagged again @ 2699 meters. Could not work through obstruction. Shut down N2 and shut in returns. Began pumping 15% HCL acid. Pumped 2m3, rotating joint on coil reel began leaking. Shut down and replaced rotating joint.
19:00. Crew change. Held safety meeting and discussed nightly operations and hazards. Performed walk around lease inspection. Continued pumping 15% HCL down coil. Jetted acid on obstruction. Broke through. Jetted down to 2710 meters. Tagged obstruction, very solid. Jetted acid on obstruction, but could not break through. Used 6m3 15% acid on obstruction @ 2710 meters. Slowly pulled up and spotted 10m3 15% HCL acid in open hole section from 2710 meters to 2500 meters. Pulled coil tubing up to 1500 meters. Waited and let acid soak on formation for 1 hour.
23:00. Opened tubing to flow to test equipment. Began pumping N2 @ 20 scm. Gas lifted 114.3mm tubing. Recovered 10 to 13m3 fluid per hour. Traces of burnable gas in the returns.
07:00. End of report. Recovered total of 186m3 fluid.
16m3 spent acid and 170m3 new fluids. Salinity=180,000 ppm and pH=7.

DAILY COST SUMMARY

Item	Amount	Item	Amount		Item	Amount
SERVICE RIG	$4,000.00	TEST EQUIPMENT	$4,450.00		DAILY COST	$80,668.00
SUPERVISION	$1,100.00	FLUID HAULING	$4,000.00		PREVIOUS	$120,717.00
RENTALS	$1,850.00	CAMP SERVICES	$3,800.00		COST TO DATE	$201,385.00
TOWING & LEASE	$2,000.00	COIL TUBING	$55,668.00		AFE AMOUNT	$0.00
SAFETY SERVICES	$3,800.00		$0.00			

RIG HOURS	24	MOBILE	1-780-849-0571	PREPARED BY	R Ball
CUM RIG HRS.	36	AREA	Fort Liard	RECEIVED BY	D Block

LOAD FLUID

Total Load Fluid:	Daily Recovery:	Recovered to Date:	Load to Recover:
Oil: ____ m^3	Oil: ____ m^3	Oil: ____ m^3	Oil: ____ m^3
Water: 16.0 m^3	Water: 186 m^3	Water: 186 m^3	Water: +170 m^3 ('+' new fluid)

PARAMOUNT RESOURCES LTD.

DAILY COMPLETION / WORKOVER REPORT

WELL NAME:	Paramount et al Liard	DATE: 4-Jan-05	REPORT NO: 1
LOCATION:	K-29	CONTRACTOR:	Concord Well Service #6
TD (mKB):	3000.0 PBTD (mKB): 3000.00	Csg Size (mm): 177.8	AFE # 04N420178
FORMATION:	Nahanni	Perforations:	Open Hole 2500.0 to 3000.0
PURPOSE:	Install 114.3mm Tubing String.		

WELLHEAD PRESSURES @08:00 hrs: SITP: _____ kPa SICP: _____ kPa

CURRENT OPERATIONS @08:00 hrs: _____

PREVIOUS DAYS OPERATIONS

SITP: kPa SICP: kPa

Jan. 3, 2004: Concord rig crew on location to start light plants and fire rig boiler. Started thawing out rig tank.

Jan 4, 2004:

08:00. Plowed snow off location. Began rigging in Opsco Energy test equipment. Moved 400 bbl tanks to handle produced water during coil tubing operations. Rigged in DDA Northern safety air trailer c/w Rig Rat system.

13:00. Moved in and Trican Well Service 38.1mm coil tubing equipment c/w C&A pumper and N2 pumper. Held safety meeting and discussed job objectives and hazards. Spotted Trican equipment on location.
Rigged in coil tubing equipment. Began heating coil tubing BOP equipment. NU CT Class III BOP's. Pressure tested piperams and blind rams to 2 mpa and 21 mpa for 10 mins on each test with N2.
Threaded 38.1mm coil tubing through injector and stripping head. Secured well.

19:30. SDFN. Moved in 50m3 fresh water from Liard River. Began heating fresh water for coil tubing clean out.

DAILY COST SUMMARY

Item	Amount	Item	Amount		Item	Amount
SERVICE RIG	$6,000.00	TEST EQUIPMENT	$4,450.00		DAILY COST	$120,717.00
SUPERVISION	$3,200.00	FLUID HAULING	$2,500.00		PREVIOUS	$0.00
RENTALS	$40,933.00	CAMP SERVICES	$3,800.00		COST TO DATE	$120,717.00
TOWING & LEASE	$2,000.00	TRANSPORTATION	$54,034.00		AFE AMOUNT	$0.00
SAFETY SERVICES	$3,800.00		$0.00			

RIG HOURS	0	MOBILE	1-780-849-0571	PREPARED BY	R Ball
CUM RIG HRS.	0	AREA	Fort Liard	RECEIVED BY	D Block

LOAD FLUID

Total Load Fluid:	Daily Recovery:	Recovered to Date:	Load to Recover:
Oil: _____ m^3	Oil: _____ m^3	Oil: _____ m^3	Oil: _____ m^3
Water: _____ m^3	Water: _____ m^3	Water: _____ m^3	Water: _____ m^3
			('+' new fluid)