

PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 00/03/13

Well: Para et al Fort Liard A-01

Day: 33 Page: 1

Purpose of Job:	<u>Completion</u>		Formation:	<u>Mattson</u>	
Current Operation:	<u>Recording Build Up pressures</u>		Perfs:	<u>1875.0</u>	<u>to 1882.0</u>
Tubing pressure: @ 06:00	<u>4070</u>	Casing	Perfs:	<u>1839.0</u>	<u>to 1840.5</u>
		<u>TSTM</u>			
Date of Operations:	<u>00/03/12</u>	Weather:	Perfs:	<u>1832.0</u>	<u>to 1834.5</u>
		<u>Clear -13C</u>	Perfs:	<u>1786.0</u>	<u>to 1791.0</u>
	Tbg Btm:	1782.00 m KB	PBTD:	1821.50	m KB

(00:00 - 23:59) Norwood testers monitoring pressure build-ups.

385kPa build-up in last 24 hours

[illegible]

Fluid Manifest	Day Oil	Day Water	Job Total Oil	Job Total Water
Well Volumes				
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

403

Report from: Gerry Friend Phone #: 818-4490

Contractor: Cenalta 42 Phone #:

Previous cum. cost: \$794,635

Daily	\$3,225	Cumulative Amount:	\$797,860	AFE Amt:	AFE #:	009N925078
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PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 00/03/11

Well: Para et al Fort Liard A-01

Day: 31 Page: 1

Purpose of Job:	Completion	Formation:	Mattson	
Current Operation:	Recording Build Up pressures	Perfs:	1875.0	to 1882.0
Tubing pressure:@06:00	3240 Casing TSTM	Perfs:	1839.0	to 1840.5
Date of Operations:	00/03/10 Weather: Clear -20C	Perfs:	1832.0	to 1834.5
		Perfs:	1786.0	to 1791.0
	Tbg Btm: 1782.00 m KB	PBTD:	1821.50	m KB

(00:00 - 23:59) Norwood testers monitoring pressure build-ups.

650kPa build-up in last 24 hours

[illegible]

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

403

Report from: Gerry Friend Phone #: 818 4490

Contractor: Cenalta 42 Phone #:

Previous cum cost: \$788,185

Daily	\$3,225	Cumulative Amount:	\$791,410	AFE Amt:	AFE #:	009N925078
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PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 00/03/10

Well: Para et al Fort Liard A-01

Day: 30

Page: 1

Purpose of Job:	Completion	Formation:	Mattson
Current Operation:	Recording Build Up pressures	Perfs:	1875.0 to 1882.0
Tubing pressure: @ 06:00	2590 Casing TSTM	Perfs:	1839.0 to 1840.5
Date of Operations:	00/03/09 Weather: Cloudy -17C	Perfs:	1832.0 to 1834.5
		Perfs:	1786.0 to 1791.0
	Tbg Bttm: 1782.00 m KB	PBTD:	1821.50 m KB

(00:00 - 23:59) Norwood testers monitoring pressure build-ups.

1460kPa build-up in last 24 hours

See Norwood print outs for hourly results since coiled tubing cleanout.

[illegible]

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

403

Report from: Garry Friend Phone #: 818-4490

Contractor: Cenalta 42 Phone #:

Previous cum cost: \$788,185

Daily	\$3,225	Cumulative Amount:	\$791,410	AFE Amt:	AFE #:	009N925078
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Paramount Resources
a-01
Start Test Date: 2000/02/12

FieldNotes

Field Measurements

a-01

Job Number: GP-00-24

	Clock	Tbg	Csg	Tbg Choke		Static	Diff	Mete	Gas	Cum.	Fld		Water	Water	Cum		Oil	Oil	Cum.	Total		
Date	Time	C Pres	Pres	Tem		Orifice	Pres	Pres	Tem	Rate	Gas	Gain	BSW	Gain	Rate	Water	Ph	Salinity	Gain	Rate	Oil	Fluid
yyyy/mm/dd	hh:mm:ss	kPa(g)	kPa(g)	°C	mm	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³ /d	m ³		ppm	m ³	m ³ /d	m ³	m ³
784	2000/03/09	19:00:00	2080	0																		
785		20:00:00	2130	0																		
786		21:00:00	2200	0																		
787		22:00:00	2255	0																		
788		23:00:00	2310	0																		
789	2000/03/10	00:00:00	2360	0																		
790		01:00:00	2390	0																		
791		02:00:00	2430	0																		
792		03:00:00	2470	0																		
793		04:00:00	2510	0																		
794		05:00:00	2550	0																		
795	2000/12/31	08:00:00	2590	0																		

FieldNotes

Field Measurements

a-01

Job Number: GP-00-24

	Clock	Tbg	Csg	Tbg Choke		Static	Diff	Mete	Gas	Cum.	Fld	Water	Water	Cum			Oil	Oil	Cum.	Tota	
Date	Time	C Pres	Pres	Tem	Orifice	Pres	Pres	Tem	Rate	Gas	Gain	BSW	Gain	Rate	Water	Ph	Salinity	Gain	Rate	Oil	Fluid
yyyy/mm/dd	hh:mm:ss	kPa(g)	kPa(g)	°C	mm	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³ /d	m ³	ppm	m ³	m ³ /d	m ³	m ³
755	2000/03/08	19:05:00	110	0																	
756		19:10:00	125	0																	
757		19:15:00	135	0																	
758		19:30:00	150	0																	
759		19:45:00	180	0																	
760		20:00:00	215	0																	
761		20:30:00	280	0																	
762		21:00:00	320	0																	
763		22:00:00	410	0																	
764		23:00:00	500	0																	
765	2000/03/09	00:00:00	580	0																	
766		01:00:00	680	0																	
767		02:00:00	770	0																	
768		03:00:00	880	0																	
769		04:00:00	950	0																	
770		05:00:00	1040	0																	
771	2000/03/09	06:00:00	1130	0																	
772		07:00:00	1230	0																	
773		08:00:00	1300	0																	
774		09:00:00	1400	0																	
775		10:00:00	1500	0																	
776		11:00:00	1600	0																	
777	2000/03/09	12:00:00	1675	0																	
778		13:00:00	1750	0																	
779		14:00:00	1820	0																	
780		15:00:00	1880	0																	
781		16:00:00	1950	0																	
782		17:00:00	1980	0																	
783	2000/03/09	18:00:00	2020	0																	

Daily	\$39,775	Cumulative Amount:	\$788,185	AFE Amt:	AFE # :	009N925078
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TREATMENT REPORT

Date:	March 08 2000		
Well Location:	A-01		
Service Order #:	C2093		
Formation:	Mattson		oil/gas
Landed at:	1783		m
Landed at:	2046		m
From:	x	m to	x m
	Ambient Temp		°C
	BHT		°C
	Total Acid:		m³

[illegible][illegible]

Job Number: GP-00-24

102

PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 08/03/07

Well: Para et al Fort Liard A-01

Day: 28 Page: 1

Purpose of Job:	Completion	Formation:	Mattson
Current Operation:	Recording Build Up pressures	Perfs:	1875.0 to 1882.0
Tubing pressure:@08:(	1770 Casing TSTM	Perfs:	1839.0 to 1840.5
Date of Operations:	00/03/07 Weather: Cloudy -12C	Perfs:	1832.0 to 1834.5
		Perfs:	1786.0 to 1791.0
	Tbg Btm: 1782.00 m KB	PBTD:	1821.50 m KB

(00:00 - 23:59) Norwood testers monitoring pressure build-ups.

300 kPa build up over last 24 hours

Trican coiled tubing and nitrogen should be here tomorrow afternoon to clean out well.

[illegible]

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

403

Report from: Gery Friend Phone #: 818-4490

Contractor: Cenalta 42 Phone #:

Previous cum cost: \$680,655

Daily	\$67,755	Cumulative Amount:	\$748,410	AFE Amt:	AFE #:	009N925078
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PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 00/03/07

Well: Para et al Fort Liard A-01

Day. 27

Page: 1

Purpose of Job:	<u>Completion</u>			Formation:	<u>Mattson</u>		
Current Operation:	<u>Recording Build Up pressures</u>			Perfs:	<u>1875.0</u>	to	<u>1882.0</u>
Tubing pressure:@QB:	<u>1470</u>	Casing	<u>TSTM</u>	Perfs:	<u>1839.0</u>	to	<u>1840.5</u>
Date of Operations:	<u>00/03/06</u>	Weather:	<u>Snow -16C</u>	Perfs:	<u>1832.0</u>	to	<u>1834.5</u>
				Perfs:	<u>1786.0</u>	to	<u>1791.0</u>
	Tbg Bttm:	1782.00	m KB	PBTD:	1821.50	m KB	

(00:00 - 23:59) Norwood testers monitoring pressure build-ups.

220 kPa build up over last 24 hours

Baker slickline runs sample catcher and gradient

Fluid level at 600m

BHP at 1783m = 12899kPa HP of 1020kg/m³ fluid from 1183 - 1783m = 11,840kPa

Sample obtained from 1783m is broken frac gel and water

[illegible]

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

403

Report from: Gerry Friend **Phone #:** 818-4490

Contractor: Cenalta 42 Phone #:

Previous cum cost	\$677,220
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Daily	\$3,435	Cumulative Amount:	\$680,655	AFE Amt:	AFE #:	009N925078
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Z-I PROBES WELL DATA- STATIC GRADIENT

COMPANY: Paramount
 REP: Gerry Friend
 PHONE: 403-819-3581

ELEVATION: KB:522.65 m
 CF:517.15 m
 KB-CF: 5.5 m

WELL NAME: Para et al Ft. Liard
 LOCATION: A-01
 FIELD/POOL: Ft. Liard / Mattson

PRODUCING INT: 1780.5
 : 1785.5
 MIDPOINT: 1783.0

mCF
 mCF
 mCF

SERVICE CO: Baker Atlas Slickline
 REP: Dale Goertzen

PRODUCING THRU: 73.0
 : 177.8

mmTUB
 mmCAS

DISTRICT: Grande Prairie, AB

PHONE: 532-5177 FX 538-9188

CELL: 780-831-0908

TYPE OF TEST: Static Gradient

STATUS: Gas

H2S : 0.0%

RUN DEPTH: 1783

TOP PROBE: T-3

BOT PROBE: T-5

mCF

START DATE: 00-03-06	@	18:30	HRS
TUB PRES= 1.33mpa	@	18:31	HRS
CAS PRES= 0.00mpa	@	18:31	HRS
FINISH DATE: 00-03-06	@	19:59	HRS
TUB PRES= 1.35mpa	@	19:53	HRS
CAS PRES= 0.00mpa	@	19:53	HRS
ON BOT: 00-03-06	@	19:29	HRS
OFF BOT: 00-03-06	@	19:39	HRS

Static Gradient Information

mCF	TIME	DEADWEIGHT	REMARKS
SURF	18:30 - 18:35	TUBING 1.33 mpa	
300	18:39 - 18:44	CASING 0.00 mpa	
600	18:47 - 18:52		
900	18:55 - 19:00		
1200	19:03 - 19:08		
1500	19:11 - 19:16		
1600	19:17 - 19:22		
1700	19:23 - 19:28		
1783	19:29 - 19:39		
SURF	19:52 - 19:57	TUBING 1.35 mpa	
		CASING 0.00 mpa	

REMARKS: Probe readings set @ 15 second samples
 : Send Results to Wayne Tonn

PROBE INFORMATION: T-3 DATA POINTS:
 : T-5 DATA POINTS:

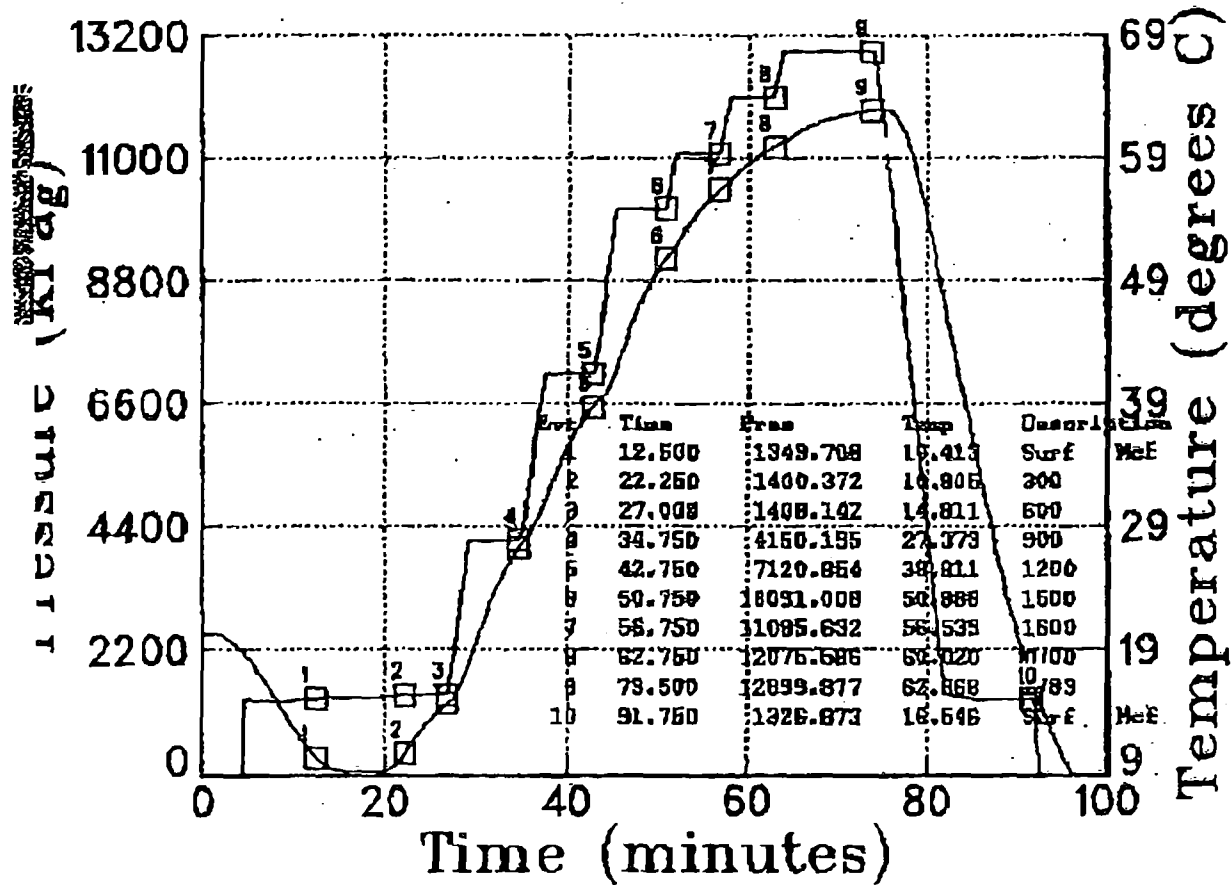
AMP/HRS.:
 AMP/HRS.:

TICKET#: 00858

FLUID LEVEL @ APPROX. 600 mCF

ZIPGRAPH X 104 for Z. L. Probes, Edmonton Mar. 8, 2000 20:28:07

Paramount A-01



FieldNotes

Field Measurements

a-01

Job Number: GP-00-24

	Clock	Tbg	Csg	Tbg	Choke	Static	Diff	Mete	Gas	Cum.	Fid	Water	Water	Cum	Oil	Oil	Cum.	Total				
	Date	Time	C Pres	Pres	Tem	Orifice	Pres	Pres	Tem	Rate	Gas	Gain	BSW	Gain	Rate	Water	Ph	Salinity	Gain	Rate	Oil	Fluid
	yyyy/mm/dd	hh:mm:ss	kPa(g)	kPa(g)	°C	mm	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³ /d	m ³	ppm	m ³	m ³ /d	m ³	m ³
668	2000/03/05	00:00:00	1180	0																		
669		01:00:00	1180	0																		
670		02:00:00	1195	0																		
671		03:00:00	1210	0																		
672		04:00:00	1225	0																		
673		05:00:00	1240	0																		
674	2000/03/06	06:00:00	1250	0																		
675		07:00:00	1260	0																		
676		08:00:00	1270	0																		
677		09:00:00	1280	0																		
678		10:00:00	1290	0																		
679		11:00:00	1305	0																		
680	2000/03/06	12:00:00	1320	0																		
681		13:00:00	1330	0																		
682		14:00:00	1340	0																		
683		15:00:00	1350	0																		
684		15:00:00	Shut in master valve, bleed off wellhead, wireline rig in to get sample and do static gradient.																			
685		17:40:00	Wireline run in hole to get fluid sample.																			
686	2000/03/06	18:20:00	Wireline on surface, fluid sample is broken frac gel with trace oil.										Fluid level at 600m									
687		18:40:00	Wireline run in hole to conduct a pressure gradient test.										BHP 12,900 kPa									
688		20:00:00	Wireline on surface.																			
689		20:00:00	1360	0																		
690		21:00:00	1375	0																		
691		22:00:00	1380	0																		
692		23:00:00	1380	0																		
693	2000/03/07	00:00:00	1400	0																		
694		01:00:00	1410	0																		
695		02:00:00	1420	0																		
696		03:00:00	1430	0																		

Paramount Resources
a-01
Start Test Date: 2000/02/12

FieldNotes
Field Measurements

a-01

Job Number: GP-00-24

		Clock	Tbg	Csg	Tbg	Choke		Static	Diff	Mele	Gas	Cum.	Fld		Water	Water	Cum		Oil	Oil	Cum.	Total	
	Date	Time	C	Pres	Pres	Tem	Orifice	Pres	Pres	Tem	Rate	Gas	Gain	BSW	Gain	Rate	Water	Ph	Salinity	Gain	Rate	Oil	Fluid
	yyyy/mm/dd	hh:mm:ss		kPa(g)	kPa(g)	°C	mm	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³ /d	m ³	ppm	m ³	m ³ /d	m ³	m ³
697	2000/03/07	04:00:00		1440	0																		
698		05:00:00		1460	0																		
699	2000/03/07	06:00:00		1470	0																		

Day: 26 Page: 1

Day: 26 Page: 1

18.5 kPa per hour over last 48 hours

Report from: Gerry Friend Phone #: 818-4490 403

Contractor: Genalta 42 Phone #: _____

Previous cum cost: \$677,220

\$678,055 AFE Amt: _____ AFE #: 009N925078

Daily	\$835	Cumulative Amount:	\$676,385	AFE Amt:	AFE #:	009N925078
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AFE #: 009N925078

PARAMOUNT RES LTD.
DAILY COMPLETION REPORT

Date Phoned In: 3/2/00

Day: 23

Page: 1

Well: Para et el Fort Liard A-01

Purpose of Job:	Completion
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Formation: Mattson

Current Operation: Recording Build Up pressures

Perfs: 1875.0 to 1882.0

Tubing pressure: @ 08:1 3020 Casing TSTM

Perf's: 1839.0 to 1840.5

Date of Operations: 3/1/00 Weather: Clear -4C

Perfs: 1832.0 to 1834.5

Perfs: 1786.0 to 1791.0

Tbq Bnm: 1782.00 m KB

PBTD: 1821.50 m KB

(00:00 - 23:59) Norwood testers monitoring pressure build-ups.

770 kPa pressure build up over 24 hours.

20-30 kPa per hour over the last 48 hours

[illegible]

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

403

Report from: Garry Friend Phone #: 818-4490

Contractor: Conalta 42 Phone #:

Previous cum cost: \$674,715

Daily	\$835	Cumulative Amount:
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\$675,550 AFE Amt: AFE #: 009N925078

PARAMOUNT RES LTD.
DAILY COMPLETION REPORT

Date Phoned In: 3/1/00

Day: 22 Page: 1

Welt:

Para et al Fort Liard A-01

Purpose of Job: Completion

Current Operation: Recording Build Up pressures

Tubing pressure: @ 08:1 2450 Casing TSTM

Date of Operations: 2/29/00 Weather: Clear -9C

Formation: Mattson

Perfs: 1875.0 to 1882.0

Perfs: 1839.0 to 1840.5

Perfs: 1832.0 to 1834.5

Perfs: 1786.0 to 1791.0

Tbg Bttn: 1.782.00 m KB

PBTD: 1821.50 m KB

(00:00 - 23:59) Norwood testers monitoring pressure build-ups.

750 kPa pressure build up over 24 hours.

[illegible]

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

403

Report from: Gerry Friend Phone #: 818-4490

Contractor: Cenalta 42 Phone #:

Previous cum cost: \$670,830

Daily	\$3,885	Cumulative Amount:	\$674,715	AFE Amt:	AFE #:	009N925078
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Page: 1

Para et al Fort Liard A-01

Mattson

to 1791.0

1821.50 m·KB

009N925078

PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 2/28/00

Well:

Para et al Fort Liard A-01

Day: 20

Page: 1

Purpose of Job:	<u>Completion</u>	Formation:	<u>Mattson</u>
Current Operation:	<u>Recording Build Up pressures</u>	Perfs:	<u>1875.0 to 1882.0</u>
Tubing pressure:@08:	<u>850</u>	Casing Pressure:	<u>TSTM</u>
Date of Operations:	<u>2/27/00</u>	Weather:	<u>Clear -18C</u>
		Perfs:	<u>1832.0 to 1834.5</u>
		Perfs:	<u>1786.0 to 1791.0</u>
	Tbg Bttm:	1782.00 m KB	PBTD: 1821.50 m KB

(08:00 - 13:00) Norwood recording wellhead pressures. Tubing bleeds down to 15630kPa at 13:00 at which time it is bled off through test unit to flare stack. No burnable gas.

(13:00 - 20:00) Rig in coiled tubing and nitrogen units. Pressure test lines to Norwood manifold to 21MPa. Held OK Start N2 and start in hole with coiled tubing. Gelled frac fluid to surface at 1440m, sporadic gelled frac fluid to surface to 1823m. No sand recovered. POH with coiled tubing N2 shut off at 1000m. No burnable gas returned to flare stack. Coiled tubing reaches surface, well bled off and shut in. Coiled tubing and nitrogen unit rig out. Norwood to monitor wellhead pressures. 4.3m³ of gelled water recovered on cleanout. No sand.

Newsco rep contacted about gelled frac fluid not being broke. Sending samples to Grand Prairie. Sample of gelled frac fluid from perf interval starting to break at 20:30.

Compass Transfer took 20m³ from 400bbl tank with gelled water in it. Couldn't suck out bottom 7m³. Loaded 4.3m³ gelled frac fluid from Norwood pressure tank. Will transport to CCS Laglace for disposal.

Will have to get steam truck and breaker fluid for 7m³ left in 400bbl sloped tank.

[illegible]

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

403

Report from: **Gerry Friend** Phone #: **818-4490**

Contractor: Conalta 42 Phone #.

Previous cum. cost: \$627,265

Daily	\$42,730	Cumulative Amount:	\$669,995	AFE Amt:	AFE #:	009N925078
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PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 2/27/00

Well:

Para et al Fort Liard A-01

Day: 19

Page: 1

Purpose of Job:	<u>Completion</u>	Formation:	<u>Mattson</u>		
Current Operation:	<u>Recording Build Up pressures</u>	Perfs:	<u>1875.0</u>	<u>to</u>	<u>1882.0</u>
Tubing pressure: @08:	<u>16475</u>	Casing Pressure:	<u>1839.0</u>	<u>to</u>	<u>1840.5</u>
			<u>1800</u>		
Date of Operations:	<u>2/26/00</u>	Weather:	<u>Clear</u>	<u>-11C</u>	
		Perfs:	<u>1832.0</u>	<u>to</u>	<u>1834.5</u>
		Perfs:	<u>1786.0</u>	<u>to</u>	<u>1791.0</u>
	Tbg Btm:		<u>1782.00</u>	<u>m KB</u>	
		PBTD:	<u>1821.50</u>	<u>m KB</u>	

(00:00-09:00) Norwood testers monitoring wellhead pressures. Tubing & Casing - TSTM

(09:00 - 13:00) Newsco/Fracmaster arrives and rigs up to do a Nitrified Crosslinked Frac. Equipment was rigged up (treesayer, backpressure pumper, frac equip.), safety meeting held, equipment tested to 65MPa. 13MPa pressure was held on annulus and frac began with a pad of 23.0m³, stage #1 @2.8m³/min, sand at 50-800, volume 7.5m³, Stage #2 @2.8m³/min, sand at 800-1000, volume 2.0m³, maximum pumping pressure of 60MPa reached, flush started w/3.4m³ being pumped before shut down.

Working pressure 45-60.1MPa

5 tonne of sand used, aprox. 4.7 tonne into formation

Breakdown pressure 45.5MPa

Maximum pumping pressure 60.1MPa

Estimated sand top 1805m

Instantaneous shut in pressure 36.7MPa

1 minute shut in pressure 33.2MPa

15 minute shut In pressure 30.0MPa

Frac equipment rigged out and released at 13:00

Norwood testers monitoring wellhead pressures

Midnight pressures Tubing 17200kPa Casing 1775kPa

[illegible]

Fluid Manifest	Day Oil	Day Water	Job Total Oil	Job Total Water
Well Volumes				
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

403

Report from: M.S. EDWARDS Phone #: 818 -4490

G. Friend

Contractor: Cenalta 42 Phone #:

Previous cum cost: \$496,170

Daily	\$131,095	Cumulative Amount:	\$627,265	AFE Amt:	AFE #:	009N925078
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PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 2/26/00

Well: Para et al Fort Liard A-01

Day: 18

Page: 1

Purpose of Job: Completion Formation: Mattson

Current Operation: Recording Build Up pressures Perfs: 1875.0 to 1882.0

Tubing pressure:@08:(TSTM Casing Pressure: TSTM Perfs: 1839.0 to 1840.5

Date of Operations: 2/25/00 Weather: Clear -11C Perfs: 1832.0 to 1834.5

Perfs: 1786.0 to 1791.0

Tbg Btm: 1782.00 m KB PBTD: 1821.50 m KB

(00:00 -23:50) Check pressures on wellhead. Tubing on vacuum and casing on vacuum. Norwood testers monitoring wellhead for buildup pressures.

Services	Cost	Services	Cost
Rig	6400		
Camp	2600		
Supervision	835		
Rentals	540		
Trl/Tower	555		
Safety Boss	785		

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

403

Report from: M.S. EDWARDS Phone #: 818 4490

Contractor: Cenalta 42 Phone #:

Previous cum cost: \$495,335

Daily \$11,715 Cumulative Amount: \$507,050 AFE Amt: AFE #: 009N925078

PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 2/26/00

Well:

Para et al Fort Liard A-01

Day: 18

Page: 1

Purpose of Job:	Completion	Formation:	Mattson
Current Operation:	Recording Build Up pressures	Perfs:	1875.0 to 1882.0
Tubing pressure: @08:(	TSTM Casing Pressure:	Perfs:	1839.0 to 1840.5
Date of Operations:	2/25/00 Weather:	Perfs:	1832.0 to 1834.5
		Perfs:	1786.0 to 1791.0
	Tbg Bttm:	PBTD:	1821.50 in KB

(00:00 -23:50) Check pressures on wellhead. Tubing on vacuum and casing on vacuum. Norwood testers monitoring wellhead for buildup pressures.

[illegible]

Fluid Manifest	Day Oil	Day Water	Job Total Oil	Job Total Water
Well Volumes				
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

403

Report from: M.S. EDWARDS Phone #: 818 -4490

G. Friend

Contractor: Cenalta 42 Phone #:

Previous cum cost: \$495,335

Daily	\$835	Cumulative Amount:	\$496,170	AFE Amt:	AFE #:	009N925078
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FRAC TREATMENT REPORT

OWNER Paramount Resources Ltd. ADDRESS #4000, 350-7th Avenue S.W. CITY Calgary, Alberta						SERVICE ORDER NO.: C-12512 DATE: February 26, 2000 JOB TYPE: Nitified Crosslinked Frac WELL NAME AND NO.: Paramount FL Lard LOCATION: A-01																																																																									
<table border="1"> <tr> <th></th> <th>O.D.</th> <th>WT.</th> <th>Depth</th> <th>Vol.</th> <th>Max.</th> </tr> <tr> <td>Tubing</td> <td>73.0</td> <td>9.67</td> <td>1782.0</td> <td>5.38</td> <td>72.8</td> </tr> <tr> <td>Casing</td> <td>177.8</td> <td>34.23</td> <td>1788.0</td> <td>0.08</td> <td>43.7</td> </tr> <tr> <td>Total Volume</td> <td></td> <td></td> <td></td> <td>5.46</td> <td></td> </tr> </table>							O.D.	WT.	Depth	Vol.	Max.	Tubing	73.0	9.67	1782.0	5.38	72.8	Casing	177.8	34.23	1788.0	0.08	43.7	Total Volume				5.46		FLUID TYPE: Water PROGRAM NO: P82368-01 TREATING MATERIALS PREMIXED IN THE TANKS: <table border="1"> <tr> <th>CHEMICAL</th> <th>CONC.</th> <th>UNITS</th> </tr> <tr> <td>WG-15 Gelant</td> <td>4.2</td> <td>kg/m³</td> </tr> <tr> <td>CO-2</td> <td>1.0</td> <td>L/m³</td> </tr> <tr> <td>NE-118H</td> <td>1.0</td> <td>L/m³</td> </tr> <tr> <td>CS-2</td> <td>1.0</td> <td>L/m³</td> </tr> <tr> <td>BF-7L</td> <td>4.0</td> <td>L/m³</td> </tr> </table>						CHEMICAL	CONC.	UNITS	WG-15 Gelant	4.2	kg/m ³	CO-2	1.0	L/m ³	NE-118H	1.0	L/m ³	CS-2	1.0	L/m ³	BF-7L	4.0	L/m ³																										
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FLUSH FLUID DENSITY: 720 kg/m ³ ESTIMATED SAND TOP: 1805 Meters RACTURE GRADIENT: 27.8 kPa/m BREAKDOWN PRESSURE: 45.5 MPa Instantaneous Shut In Pressure: 38.7 MPa ONE Minute Shut In Pressure: 33.2 MPa 15 Minute Shut In Pressure: 30.0 MPa						<table border="1"> <tr> <th colspan="10">PROPPANT DATA</th> </tr> <tr> <th rowspan="2">PRESSURE RATE KLOWATTS AVAILABLE kW</th> <th>MIN.</th> <th>MAX.</th> <th>AVE.</th> <th>UNITS</th> <th rowspan="2">PROPPANT AGENTS</th> <th rowspan="2">PUMPED kg</th> <th rowspan="2">MESH</th> <th>CONC.</th> <th>kg/m³</th> <th>IN FORM.</th> <th>CONC. @ PERFS</th> <th colspan="2">TOTAL PROP (N IN FORM.</th> </tr> <tr> <th>60.0</th> <th>60.1</th> <th>68.0</th> <th>MPa</th> <th>START</th> <th>END</th> <th>kg</th> <th>PERFS</th> <th>USED</th> <th>IN FORM.</th> </tr> <tr> <td></td> <td>1.5</td> <td>2.8</td> <td>2.8</td> <td>m²/min</td> <td>Sand</td> <td>3,000</td> <td>20/40</td> <td>33</td> <td>620</td> <td>4,700</td> <td>600</td> <td>6.0</td> <td>4.7</td> </tr> </table>						PROPPANT DATA										PRESSURE RATE KLOWATTS AVAILABLE kW	MIN.	MAX.	AVE.	UNITS	PROPPANT AGENTS	PUMPED kg	MESH	CONC.	kg/m ³	IN FORM.	CONC. @ PERFS	TOTAL PROP (N IN FORM.		60.0	60.1	68.0	MPa	START	END	kg	PERFS	USED	IN FORM.		1.5	2.8	2.8	m ² /min	Sand	3,000	20/40	33	620	4,700	600	6.0	4.7																				
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NITROGEN RATE: 277 m ³ /min NITROGEN RATIO: 100-152 m ³ /m ³ NITROGEN LOSSES & COOLDOWN: 749 m ³ NITROGEN TOTAL USED: 4900 m ³						CO₂ RATE: n/a m ³ /min CO₂ RATIO: n/a m ³ /m ³ CO₂ COOLDOWN & LOSSES: n/a m ³ CO₂ TOTAL USED: n/a m ³ FLUID IN FORMATION: 31.6 m ³																																																																									
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VOLUME PUMPED: 38.9 m ³ VOLUME IN FORMATION: 31.6 m ³						Pressure test surface lines to: 65.0 MPa Annular relief valve: 21.0 MPa Maximum treating pressure: 60.0 MPa Hold annulus at: 18.0 MPa																																																																									
FRACMASTER REPRESENTATIVE Brad Balak Tim Morin Perry Foreman						CUSTOMER REPRESENTATIVE Gary Friend																																																																									

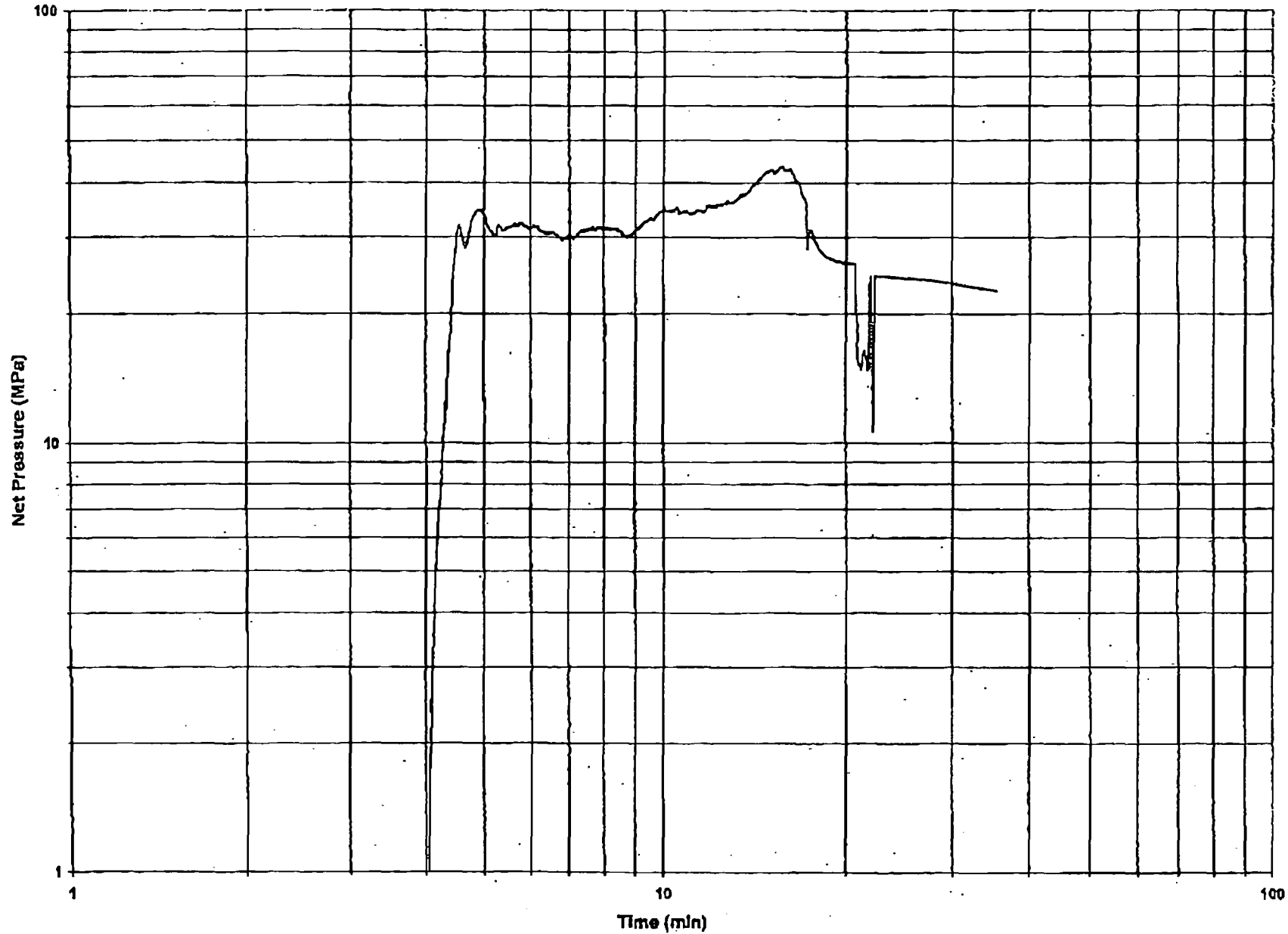
Paramount Resources Ltd.

A-01

Net Pressure Plot

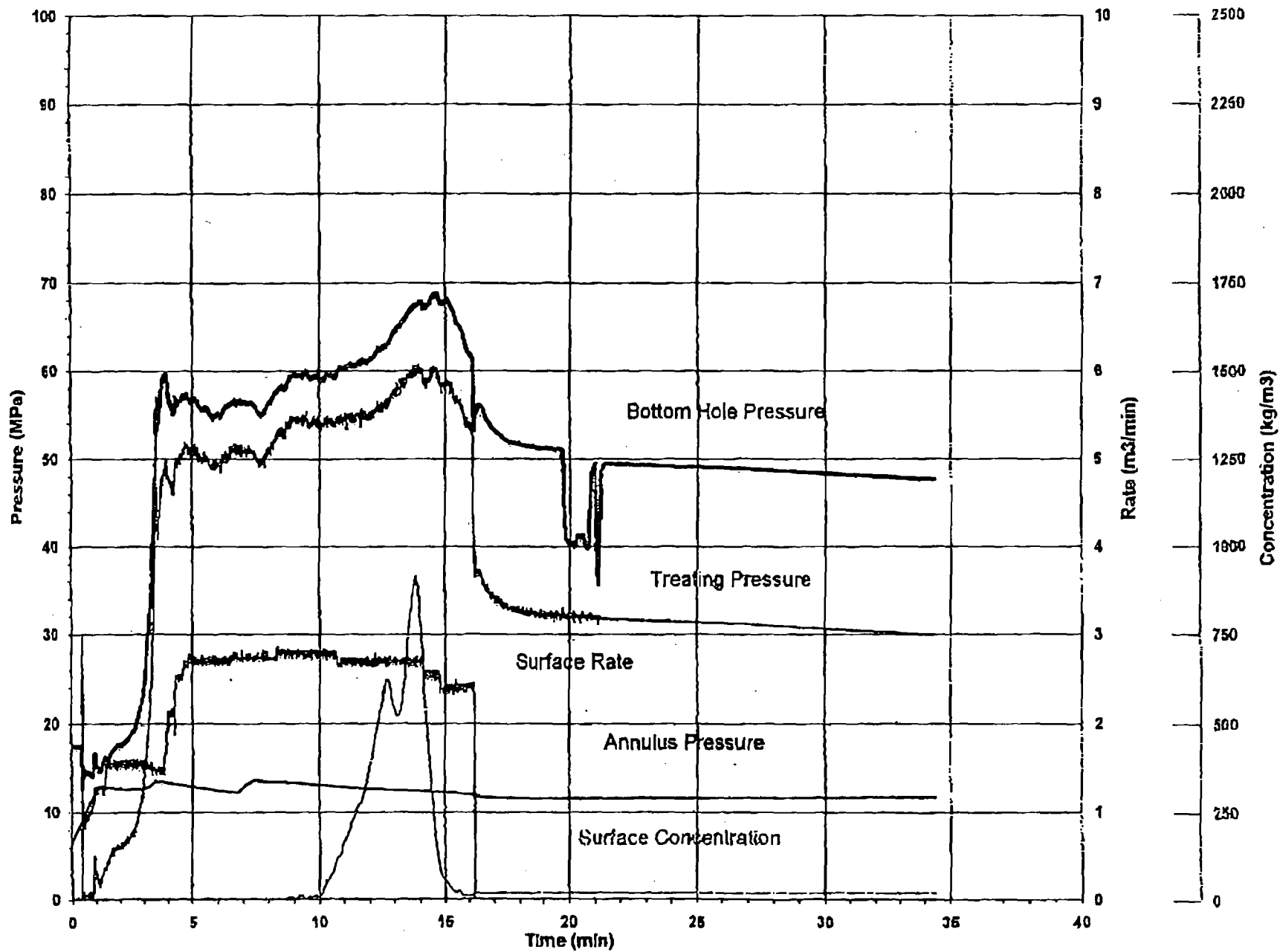
FEB. 26/00 MATTSON "GAS"

NITRIFIED CROSSLINKED GELLED WATER FRAC



Paramount Resources Ltd.
A-01
Surface Conditions

FEB. 26/00 MATTSON "GAS"
NITRIFIED CROSSLINKED GELLED WATER FRAC



PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Well:

Para et al Fort Liard A-01

Date Phoned In: 2/23/00

Day: 15

Page: 1

Purpose of Job:	Completion	Formation:	Mattson
Current Operation:	Pick up tubing conveyed perforator	Perfs:	1875.0 to 1882.0
Tubing pressure: @08:	Casing Pressure:	Perfs:	1839.0 to 1840.5
Date of Operations:	2/22/00 Weather: Light Snow -14.0 C	Perfs:	1832.0 to 1834.5
		Perfs:	to
	Tbg Btm: m KB	PBTD:	1821.50 m KB

Operations:

08:00 - 11:00 CHANGE OUT B.O.P. 11:00 - 15:00 NIPPLE UP & PRESSURE TEST B.O.P. 1400KPA
 LOW & 21000KPA HI (UPPER & LOWER PIPE RAMS, BLIND RAMS, VALVES) 15 MIN. EACH. HYDRYL 1400
 LOW, 7000 HI., FILL TUBING 15:00 - 18:30 PULL TUBING, LAY DOWN PERFORATING GUN. 18:30 -
 22:00 RUN BAKER BRIDGE PLUG SET @ 1827.0m PRESSURE TESTED BRIDGE PLUG 7000KPA FOR 15
 MIN, RAN 5.5m CEMENT W/ DUMP BAILER ON TOP OF PLUG. PULL OUT WIRELINE LAY DOWN BAILER,
 SECURE WELL.

Services	Cost	Services	Cost
Rig	6400		
Camp	2600		
Supervision	835		
Rentals	540		
Tri/Tower	555		
Safety Boss	785		
Baker Tools	655		
Slickline	1600		
EWLU	2625		
FUEL	6283		

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

Report from: Gerry Friend Phone #: 819-3581
M.S (MO) EDWARDS 403 - 818 - 4490
 Contractor: Cenatta 42 Phone #: _____

Previous cum cost \$404,472Daily \$22,878 Cumulative Amount\$427,350 AFE Amt: _____ AFE #: 009N925078

PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Well:

Para et al Fort Liard A-01

Date Phoned In:

2/22/00

Day: 14

Page: 1

Purpose of Job: Completion Formation: Mattson

Current Operation: Swab

Tubing pressure: @08: 740 Casing Pressure: TSTM Perfs: 1875.0 to 1882.00

Date of Operations: 2/21/00 Weather: Clear -14C Perfs: 1839 to 1840.5
1832 1834.5

Tbg Btm: 1819.81 m KB PBTD: 1866.00 m KB

Operations:

(08:00 - 19:00) Check pressures on wellhead: 720kPa on tubing, TSTM on casing. Bled gas off to flare stack, burnable gas was flared for aprox. 2 minutes. RIH with swab, tag fluid at 1000m. Pulled 3 swabs last one to confirm dry, recovered 2.55m³ of BSW with traces of diesel(invert), salinity of 20000ppm, Ph 7. Wait for 2 hours pull a swab from 1815m with a recovery of 0.5m³ of BSW, same properties as above. Pulled a total of 7 swabs today with a total recovery of 3.85m³ of BSW, invert, and traces of gas for the day. Cum. total for this well: 29.01m³

Stump tested blind rams, lower pipe rams, stabbing valve, and kill/return line valves to 1400kPa and 21,000kPa respectively on all units, Held for 15minutes on each unit. Attempt to pressure test upper rams, 52.4mm valve stuck in closed position, will change out in morning

Well shut in and secured. Norwood testers to monitor build up pressures overnight.

Compass Transfer loaded 12m³ of produced fluids from Norwood pressure vessel and will haul it to LaGlance for disposal. He will load 16m³ of dirty water at b-43-K/94-O-14 and haul it to WCT in Fort St. John. Dirty water is from ditches and cellar.

Services	Cost	Services	Cost
Rig	6400		
Camp	2600		
Supervision	835		
Rentals	540		
Trl/Tower	555		
Safety Boss	785		
Baker Tools	655		
Slickline			
EWLU	5250		
Compass	2600		
Const.	660		
Trucking	825		

Daily \$21,705 Cumulative Amount:

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

Report from: Gerry Friend Phone #: 819-3581Contractor: Cenalta 42 Phone #: _____Previous cum cost: \$404,472\$426,177 AFE Amt: _____ AFE #: 009N925078

004/027

PARAMOUNT RES. FLK 39

02/23/00 11:17 FAX 403 266 6032

	Clock	Tbg	Csg	Tbg	Choke	Static	Diff	Mete	Gas	Cum.	Fld	Water	Water	Cum		Oil	Oil	Cum.	Total				
	Date	Time	C	Pres	Pres	Tem	Orifice	Pres	Pres	Tem	Rate	Gas	Gain	BSW	Gain	Rate	Water	Ph	Salinity	Gain	Rate	Oil	Fluid
	yyyy/mm/dd	hh:mm:ss		kPa(g)	kPa(g)	°C	mm	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³ /d	m ³	ppm	m ³	m ³ /d	m ³	m ³
262	2000/02/20	21:00:00		220	60																		
263		22:00:00		270	50																		
264		23:00:00		320	40																		
265	2000/02/21	00:00:00		360	30																		
266		00:00:00	Production summary.																				
267		00:00:00	Cum fluid recovered 25.16 m³.																				
268		01:00:00		400	20																		
269		02:00:00		450	10																		
270		03:00:00		505	7																		
271		03:00:00	CSG is TSTM.																				
272		04:00:00		570	0																		
273		05:00:00		600	0																		
274		06:00:00		660	0																		
275		06:00:00	CSG is TSTM.																				
276	2000/02/21	07:00:00		710	0																		
277		08:00:00		780	0																		
278		08:00:00	Open up on 2" bypass to bleed off pressure, rig to swab.																				
279		08:07:00	Run in swab #1, tag-999m, pull-1169m.																				
280		08:27:00	End of swab #1. Tubing on vac.																				
281		08:27:00					50.800						0.65	100	0.65	1.06	25.81	7	21000	0.000	0.000	0.000	25.81
282		08:31:00	Run in swab #2, tag-1169m, pull-1815m.																				
283		09:01:00	End of swab #2, Slight blow on tubing dies off quickly.																				
284		09:01:00					50.800						1.85	100	1.85	78.35	27.66	7	21000	0.000	0.000	0.000	27.66
285		09:09:00	Run in swab #3, no tag, pull-1815m.																				
286		09:29:00	End of swab #3, 1.2% sediment in sample, tubing on vac, moniter pressure.																				
287	2000/02/21	09:29:00											0.05	100	0.05	2.57	27.71	7	20000	0.000	0.000	0.000	27.71
288		09:45:00	Tubing on vac.																				
289		10:00:00	Tubing on vac.																				
290		10:30:00		20																			

Paramount Resources
a-01
Start Test Date: 2000/02/12

FieldNotes

Field Measurements

a-01

Job Number: GP-00-24

	Clock	Tbg	Csg	Tbg Choke	Static	Diff	Mete	Gas	Cum.	Fld	Water	Water	Cum	Oil	Oil	Cum.	Total				
Date	Time	C Pres	Pres Tem	Orifice	Pres	Pres Tem	Rate	Gas	Gain	BSW	Gain	Rate	Water	Ph	Salinity	Gain	Rate	Oil	Fluid		
yyyy/mm/dd	hh:mm:ss	kPa(g)	kPa(g)	°C	mm	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³ /d	m ³	ppm	m ³	m ³ /d	m ³	m ³
291	2000/02/21	11:00:00	50																		
292		11:10:00	Run in swab #4, tag-1413m, pull-1815m.																		
293		11:34:00	End of swab #4, trace sediment in sample, tubing on vac, moniter pressure.																		
294		11:34:00									0.50	100	0.50	5.76	28.21	7	20000	0.000	0.000	0.000	28.21
295		11:45:00	Tubing on vac.																		
296		12:00:00	Tubing is TSTM.																		
297		12:30:00	50																		
298	2000/02/21	13:00:00	80																		
299		13:25:00	110																		
300		13:25:00	Run in swab #5, tag-1685m, pull-1815m.																		
301		13:44:00	End of swab #5, trace sediment in sample, tubing on vac, moniter pressure.																		
302		13:44:00									0.40	100	0.40	4.43	28.61	7	18000	0.000	0.000	0.000	28.61
303		14:00:00	Tubing on vac.																		
304		14:30:00	Tubing is TSTM.																		
305		15:00:00	50																		
306		15:17:00	70																		
307		15:17:00	Run in swab #6, tag-1493m, pull-1815m.																		
308		15:41:00	End of swab #6, trace sediment in sample, tubing on vac, moniter pressure.																		
309	2000/02/21	16:00:00	Tubing on vac.																		
310		16:30:00	Tubing is TSTM.																		
311		17:00:00	50																		
312		17:30:00	80																		
313		17:42:00	Run in swab #7, tag-1647m, pull-1815m.																		
314		18:01:00	End of swab #7, tubing on vac, moniter pressure.																		
315		18:01:00									0.40	100	0.40	2.24	29.01	7	20000	0.000	0.000	0.000	29.01
316		18:30:00	Tubing and casing pressure are TSTM.																		
317		19:00:00	60	0																	
318		19:30:00	90	0																	
319	2000/02/21	20:00:00	120	7																	

0006/0027

PARAMOUNT RES. FLK 39

02/23/00 11:16 PAA 403 200 0032

Paramount Resources
a-01
Start Test Date: 2000/02/12

FieldNotes

Field Measurements

a-01

Job Number: GP-00-24

	Clock	Tbg	Csg	Tbg	Choke	Static	Diff	Mete	Gas	Cum.	Fld	Water	Water	Cum		Oil	Oil	Cum.	Total					
	Date	Time	C	Pres	Pres	Tem	Orifice	Pres	Pres	Tem	Rate	Gas	Gain	BSW	Gain	Rate	Water	Ph	Salinity	Gain	Rate	Oil	Fluid	
	yyyy/mm/dd	hh:mm:ss		kPa(g)	kPa(g)	°C	mm	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³ /d	m ³		ppm	m ³	m ³ /d	m ³	m ³
320	2000/02/21	20:01:00	Switch to hourly readings.																					
321		21:00:00	200	0																				
322		22:00:00	260	0																				
323		23:00:00	310	0																				
324	2000/02/22	00:00:00	370	0																				
325		00:00:00	Production summary.																					
326		00:00:00	Total swabs #7, Total fluid brought back from swabs: 3.85 m³. Cum fluid recovered: 29.01 m³.																					
327		01:00:00	420	0																				
328		02:00:00	480	0																				
329		03:00:00	550	0																				
330		04:00:00	620	0																				
331		05:00:00	680	0																				
332	2000/02/22	06:00:00	740	0																				

PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 2/20/00

Well:

Para et al Fort Liard A-01

Day: 12

Page: 1

Purpose of Job: Completion Formation: Mattson

Current Operation: Gradient

Tubing pressure: @08: 590 Casing Pressure: TSTM Perfs: 1875.0 to 1882.00

Date of Operations: 2/19/00 Weather: Clear +4C Perfs: 1839 to 1840.5
1832 1834.5

Tbg Bttm: 1819.81 m KB PBTD: 1866.00 m KB

Operations:

(0:00 - 13:00) Safety meeting, make up TCP guns and packer assembly. RIH with 73mm tubing.

Set packer at 1820.29m with 8daN compression, correlate on depth with EWLJ. Break Kobe pin, rig out wireline, pressure test packer to 14MPa, held OK.

(13:00 - 16:45) Rig out BOP's, nipple up wellhead, attempt to pressure test R45 ring gasket and tubing hanger seals. 73mm extended neck tubing hanger too small for adaptor flange. Install stabbing valve and pup joint into tubing hanger and lift hanger above tubing hanger spool, set slips, install 73mm X 88.9mm XO and 88.9mm tubing hanger, remove slips and set tubing hanger in tubing hanger spool. Nipple up wellhead and pressure test to 18500kPa, held OK. Blew seals in Baker pump, couldn't test wellhead to 21MPa. Drop bar and perforate intervals: 1832-1834.5 and 1839 - 1840.5 with GRIS, 17spm, 60 degree phasing, 36 gram, tubing conveyed perforating guns.

(16:45 - 18:30) No initial pressure build up, small blow from needle valve TSTM. 150kPa after 1/2 hour. Rig up slickline and run in and pull drop bar. Fluid level at 1200m. POH slickline. Shut in well for night.

Services	Cost	Services	Cost
Rig	6400		
Camp	2600		
Supervision	835		
Rentals	540		
Trl./Tower	555		
Safety Boss	785		
Baker Tools	13200	???	
Slickline	1600		
Norwood	1832		
Wireline	17000	???	

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

Report from: Gerry Friend Phone #: 819-3581

Contractor: Cenelta 42 Phone #:

Previous cum cost: \$341,755

Daily \$45,347 Cumulative Amount: \$387,102 AFE Amt: AFE #: 009N925078

PAPAMOUNT RES LTD

DAILY COMPLETION REPORT

Date Phoned In: 2/19/00

Well: Para et al Fort Liard A-01

Day: 11

Page: 1

Purpose of Job: Completion Formation: Mattson

Current Operation: Repairing valves in pump manifold

Tubing pressure:@08:(TSTM Casing Pressure: 140 Perfs: 1875.0 to 1882.00

Date of Operations: 2/18/00 Weather: Cloudy -20C Perfs: N/A to N/A

Tbg Bttm: 1862.23 m KB PBTB: 1985.00 m KB

Operations:

(08:00 - 11:30) Complete repairs to pump manifold. Pressure test manifold, lines, and pipe rams to 1400kPa and 21,000kPa. Had to replace gate seal on left side of pipe rams and tighten up a flange. Tested OK. Pressure test annular to 7000kPa, had to retighten bolts on ring seal. Test OK.

(11:30 - 14:00) POH Lay down 5 singles and 3 pups, stand rest of tubing in derrick(95 stands). Break down and lay out TCP assembly.

(14:00 - 18:00) Rig up EWLU, safety meeting, run in hole with 177.8mm permanent bridge plug and correlate on depth with CBL log. Set bridge plug at 1870m, ensure plug is set, POH and rig up to run 177.8mm cement bailer. Mix cement, load cement bailer and RIH. Dump 4m cement on top of Permanent Bridge Plug at 1870m. POH and rig out EWLU.

Well shut in and secured for the night.

22m³ of produced BSW, frac fluid, and trace amount of diesel (invert mud) hauled to WCT in F.S.J. by Pro North Well Management. Fluid taken from rig tank.

Extra fluid in rig tank is from steam injection as steam coil in rig tank has not been tested for leaks, and Cenalta does not want to risk getting fluids from rig tank in boiler.

Services	Cost	Services	Cost
Rig	6400		
Camp	2600		
Supervision	635		
Rentals	540		
Tri./Tower	555		
Safety Boss	785		
Toolhand	655		
Slickline	1600		
Pro North	2300		
Wireline	5000	???	

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

Report from: Gerry Friend Phone #: 819-3581

Contractor: Cenalta 42 Phone #:

Previous cum cost: \$320,485

Daily \$21,270 Cumulative Amount:

\$341,755 AFE Amt: AFE #: 009N925078

PARAMOUNT RES LTD.

WELLBORE SCHEMATIC 1

Well: Para et al Fort Llard A-01Date: 2/19/00

GL <u>517.40</u>	KB <u>522.65</u>	CF <u>517.15</u>	THF <u>517.75</u>
		PBTD # <u>1866.00</u>	TD <u>2046.00</u>
<u>Surface Casing</u> Size: <u>244.5</u> Weight: <u>48.1</u> Depth: <u>503.00</u> <u>Production Casing</u> Size: <u>177.8</u> Weight: <u>34.26</u> Depth: <u>2046.00</u> PBTD: <u>1985.00</u>			

Wellhead

Make: <u>Velco Gray 346mm X 179mm X21MPa</u>			
Spool:	Size: <u>346X298</u>	Rating: <u>21MPa</u>	S/F <u>F</u>
Masters:	Size: <u>79</u>	Rating: <u>21MPa</u>	S/F <u>F</u>
Wings:	Size: <u>52</u>	Rating: <u>21MPa</u>	S/F <u>F</u>

Tubing

Size: <u>73</u>	Weight: <u>10</u>	<u>9.67</u>	Depth: <u>1819.81</u>
-----------------	-------------------	-------------	-----------------------

Bottom Hole Assembly (Bottom up)

	Length	Top depth
127mm Bull Plug & Blank Gun	1.24	1840.50
127mm X 60deg X17spmX38gram Gun	1.50	1839.00
127mm Blank Gun	4.50	1834.50
127mm X 60deg X17spmX38gram Gun	2.50	1832.00
73mm - Firing Head	0.56	1831.44
73mm X L-80 Pup Jt.	1.95	1829.49
Ported Differential Sub	0.27	1829.22
73mmXL-80 Pup Joint	0.71	1828.51
Separation sub - shift up	0.38	1828.13
73mmXL-80 Pup Joint	3.08	1825.05
Kobe Sub	0.14	1824.91
Baker "R" Nipple	0.33	1824.58
73mmXL-80 Pup Joint -	3.09	1821.49
Baker Lok Set Packer	1.20	1820.29
On/Off Tool with "F" Profile	0.48	1819.81
73mmXL-80 Pup Joint & Long Joint	11.60	1808.21
190 X 73mm X L-80 tubing joints	1805.77	2.44
73mmX88.9mm XO	0.23	2.21
Tubing Hanger+KB-Compression	4.08	-1.87
Wireline Correction	-1.85	-0.02
	1832.02	

BHP and Sucker rodsPerforations & Formation

1832.0 to	1834.5	Mattson
1839.0 to	1840.5	Mattson

Comments regarding reason for workover: (deviated well, rod wear, scale, etc.)

This is for second TCP run to perf the above intervals

Printed: Feb 2000 09:40:49

Page: 1



Date	Cum Time Hour	Pres kPag	Temp Deg C
2000/02/20 07:40:10	0.0000	0.0000	41.7950
2000/02/20 07:41:40	0.0250	0.0000	41.1650
2000/02/20 07:43:10	0.0500	0.0000	40.4480
2000/02/20 07:44:40	0.0750	0.0000	39.6880
2000/02/20 07:46:10	0.1000	0.0000	38.7740
2000/02/20 07:47:40	0.1250	0.0000	37.6300
2000/02/20 07:49:10	0.1500	552.6650	36.1160
2000/02/20 07:50:40	0.1750	555.6240	34.6340
2000/02/20 07:52:10	0.2000	557.0620	33.0280
2000/02/20 07:53:40	0.2250	559.3310	31.3560
2000/02/20 07:55:10	0.2500	561.7800	29.7660
2000/02/20 07:56:40	0.2750	571.9010	28.0010
2000/02/20 07:58:10	0.3000	578.2050	25.4360
2000/02/20 07:59:40	0.3250	577.3960	23.1890
2000/02/20 08:01:10	0.3500	576.8760	21.5540
2000/02/20 08:02:40	0.3750	577.0240	20.3610
2000/02/20 08:04:10	0.4000	583.2830	19.4080
2000/02/20 08:05:40	0.4250	591.8640	18.6030
2000/02/20 08:07:10	0.4500	683.0120	18.4540
2000/02/20 08:08:40	0.4750	689.9470	18.7880
2000/02/20 08:10:10	0.5000	697.2540	19.2180
2000/02/20 08:11:40	0.5250	1180.5990	19.6750
2000/02/20 08:13:10	0.5500	2805.1130	20.8340
2000/02/20 08:14:40	0.5750	3602.9709	23.1970
2000/02/20 08:16:10	0.6000	3612.2971	25.6800
2000/02/20 08:17:40	0.6250	3620.6270	27.6780
2000/02/20 08:19:10	0.6500	3670.6550	29.1880
2000/02/20 08:20:40	0.6750	5196.8340	30.5660
2000/02/20 08:22:10	0.7000	6608.7969	32.8800
2000/02/20 08:23:40	0.7250	6616.0898	35.5480
2000/02/20 08:25:10	0.7500	6623.3198	37.6620
2000/02/20 08:26:40	0.7750	6629.8291	39.1900
2000/02/20 08:28:10	0.8000	7707.9102	40.4140
2000/02/20 08:29:40	0.8250	9300.8467	42.4400
2000/02/20 08:31:10	0.8500	9617.5635	45.6410
2000/02/20 08:32:40	0.8750	9623.6279	48.2920
2000/02/20 08:34:10	0.9000	9630.5039	50.2860
2000/02/20 08:35:40	0.9250	10109.8516	51.7870
2000/02/20 08:37:10	0.9500	10632.1494	53.4320
2000/02/20 08:38:40	0.9750	10640.6816	55.0170
2000/02/20 08:40:10	1.0000	10648.3799	56.2230
2000/02/20 08:41:40	1.0250	11075.1680	57.1480
2000/02/20 08:43:10	1.0500	11449.7607	58.0930
2000/02/20 08:44:40	1.0750	11456.8252	58.9660
2000/02/20 08:46:10	1.1000	11464.2119	59.6520
2000/02/20 08:47:40	1.1250	11921.5801	60.1840
2000/02/20 08:49:10	1.1500	11970.4297	60.7670
2000/02/20 08:50:40	1.1750	11977.7100	61.2920
2000/02/20 08:52:10	1.2000	11984.8115	61.7010
2000/02/20 08:53:40	1.2250	12395.4443	62.0010
2000/02/20 08:55:10	1.2500	12487.7646	62.4360
2000/02/20 08:56:40	1.2750	12495.0674	62.8480
2000/02/20 08:58:10	1.3000	12502.0986	63.1670
2000/02/20 08:59:40	1.3250	12847.1484	63.4050
2000/02/20 09:01:10	1.3500	13004.2461	63.7690
2000/02/20 09:02:40	1.3750	13011.1328	64.1310
2000/02/20 09:04:10	1.4000	13018.0742	64.4060
2000/02/20 09:05:40	1.4250	13024.0453	64.5500



Printed: Feb 2000 09:40:49
Page: 2

Date	Cum Time Hour	Pres kPag	Temp Deg C
2000/02/20 09:07:10	1.4500	13031.8584	64.7670
2000/02/20 09:08:40	1.4750	13038.3467	64.8810
2000/02/20 09:10:10	1.5000	13044.9268	64.9690
2000/02/20 09:11:40	1.5250	11540.1729	64.8980
2000/02/20 09:13:10	1.5500	9781.7158	64.0640
2000/02/20 09:14:40	1.5750	7990.8950	62.0230
2000/02/20 09:16:10	1.6000	6166.9888	58.6010
2000/02/20 09:17:40	1.6250	4317.4092	54.4160
2000/02/20 09:19:10	1.6500	2452.3799	49.7780
2000/02/20 09:20:40	1.6750	651.2360	44.9330
2000/02/20 09:22:10	1.7000	626.6620	39.9220
2000/02/20 09:23:40	1.7250	614.5120	35.4600
2000/02/20 09:25:10	1.7500	607.9380	31.3860
2000/02/20 09:26:40	1.7750	608.7710	27.7710
2000/02/20 09:28:10	1.8000	606.9520	24.8810
2000/02/20 09:29:40	1.8250	606.3130	22.5610
2000/02/20 09:31:10	1.8500	606.0760	20.6780
2000/02/20 09:32:40	1.8750	0.0000	19.0920
2000/02/20 09:34:10	1.9000	0.0000	17.6730
2000/02/20 09:35:40	1.9250	0.0000	16.5480

DATE: FEBRUARY 8 2000

COMPANY:	PARAMOUNT RESOURCES LTD.				
WELL NAME:	PARAMOUNT ET AL FT. LIARD				
L.S.D.	A-01				
FIELD & POOL:	FT. LIARD / TIGHT HOLE INFO				
TEST TYPE:	ESG				
TUBING SIZE:	73 mm	CASING SIZE:	177.8 mm		
WELL STATUS:	GAS				
ELEVATIONS:	522.7 mKB	517.2 mGL	KB to	GL = 5.6 m	
PERFORATIONS:	1828.5 to 1835 mGL	M.P.P.	1830.75 mGL		
TOP PROBE SERIAL NO.:	T-3	DATA POINTS:	240	AMPHRS:	0.021
BOT PROBE SERIAL NO.:	T-5	DATA POINTS:	233	AMPHRS:	0.02
PROBES PROGRAMMED AT:	30 SECOND SAMPLE RATE				

START OF TEST:		FEB 20, 2000	END OF TEST:	
S.I.T.P.:	680 KPA		S.I.T.P.:	
S.I.C.P.:	0		S.I.C.P.:	
RUN DEPTH:	1830 mGL		DATE OFF BOTTOM:	

[illegible]

COMMENTS: Gradient run to top of firing head of TCP assembly. Fluid level at approx. 600 mGL.
1.85 m TUBING TO WIRELINE CORRECTION.
PBTB - 1888 mKB CEMENT TOP. KB to THF 4.9m
WELL LICENCE #: NOT AVAILABLE. TIGHT HOLE!!!!

TESTERS: NORWARD

PROBES RAN BY: Matt **PROBES PULLED BY:**

PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Well:

Para et al Fort Liard A-01

Date Phoned In: 2/18/00

Day: 10

Page: 1

Purpose of Job: Completion Formation: Mattson

Current Operation: Repairing valves in pump manifold

Tubing pressure: @08: (TSTM) Casing Pressure: 140 Perfs: 1875.0 to 1882.00

Date of Operations: 2/17/00 Weather: Cloudy -20C Perfs: N/A to N/A

Tbg Bttm: 1862.23 m KB PBTD: 1985.00 m KB

Operations:

(08:00 - 14:15) Swab Fluid tagged at 950m Frac fluid, BSW, diesel, and trace amounts of sediment recovered from swabs.

Total of 3m³ was recovered today, total recovered from all swabbing operations is 20.01m³

(14:15 - 22:30) Stump test blind rams and stabbing valve, had to replace gate seals on blind rams, replaced several valves and joints of kill line as well as a sweep. Fill tubing, rig out well head, nipple up BOPs, pressure test pipe rams. Couldn't get a test, valve to return line on pump manifold washed out. Will change out valves in morning.

Well shut in and secured for the night.

Services	Cost	Services	Cost
Rig	6400		
Camp	2600		
Supervision	835		
Rentals	540		
Trl./Tower	555		
Safety Boss	785		
Toolhand	655		
Stickline	1600		

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

Report from: Gerry Friend Phone #: 819-3581

Contractor: Cenalta 42 Phone #:

Previous cum. cost: \$306,515

Daily \$13,970 Cumulative Amount: \$320,485 AFE Amt: AFE #: 009N925078

PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 2/16/00

Well: Para et al Fort Liard A-01

Day: 8 Page: 1

Purpose of Job: Completion Formation: Mattson

Current Operation: Well shut in, recording shut in pressures

Tubing pressure: @08: 150 Casing Pressure: 155 Perfs: 1875.0 to 1882.00

Date of Operations: 2/15/00 Weather: Cloudy -20C Perfs: N/A to N/A

Tbg Bttm: 1862.23 m KB PBDT: 1985.00 m KB

Operations:

(00:00 - 13:30) Well shut in, Norwood recording build up pressures. Pressures at 13:30pm are
TBG. = 410 CSG. = 160 Rig in slickline unit to run fluid sample

(13:30 - 15:00) RIH with slickline sampler and get fluid sample from 1862m 1.5L of BSW and diesel recovered.

(15:00 - 18:30) Rig up to and swab with sandline and 73mm cups. Fluid level at 630m
First swab pulled fairly clear water with a small amount of sediment and hydrocarbon fluid, possibly diesel, last sample had 1 % sediment, was fairly dark and a strong smell of diesel.
Total fluid recovered: 4.35 m³ Last swab encountered fluid at 1699m and was pulled from 1825m with 0.05m³ recovered.

Rig tank has 26m³ of BSW, diesel and frac fluid which Compass Transfer hauls to WCT in F.S.J..

4.35m³ well fluid in Norwood pressure vessel.

Services	Cost	Services	Cost
Rig	6400		
Camp	2600		
Supervision	835		
Rentals	540		
Trl./Tower	555		
Safety Boss	785		
Toolhand	655		
Slickline	700		
Picker	1680		

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

Report from: Gerry Friend Phone #: 819-3581Contractor: Cenalta 42 Phone #: Previous cum cost: \$271,633Daily \$14,750 Cumulative Amount: \$286,383 AFE Amt: AFE #: 009N925078

Paramount Resources

a-01

Start Test Date: 2000/02/12

FieldNotes

a-01

Field Measurements

Job Number: GP-00-24

	Clock	Tbg	Csg	Tbg	Choke	Static	Diff	Mete	Gas	Cum.	Fld	Water	Water	Cum		Oil	Oil	Cum.	Total			
	Date	Time	Pres	Pres	Tem	Orifice	Pres	Pres	Temp	Rate	Gas	Gain	BSW	Gain	Rate	Water	Ph	Salinity	Gain	Rate	Oil	Fluid
	yyyy/mm/dd	hh:mm:ss	kPa(g)	kPa(g)	°C	mm	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³ /d	m ³	ppm	m ³	m ³ /d	m ³	m ³
146	2000/02/16	09:16:00	End of swab #03, sample shows trace amount of sediment.																			
147		09:16:00				50.800						0.65	100	0.65	42.55	14.61	8	16000	0.000	0.000	0.000	14.61
148		09:18:00	Run in swab #04, tag-1484m, pull-1825m.																			
149		09:39:00	End of swab #04, sample shows 0.2% sediment, change cups.																			
150		09:39:00				50.800						0.10	100	0.10	6.26	14.71	8	16000	0.000	0.000	0.000	14.71
151																						
152																						
153																						
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174																						

Paramount Resources

a-01

Start Test Date: 2000/02/12

FieldNotes

a-01

Field Measurements

Job Number: GP-00-24

	Clock	Tbg	Csg	Tbg	Choke	Static	Diff	Mete	Gas	Cum.	Fld	Water	Water	Cum	Oil	Oil	Cum.	Total					
	Date	Time	Pres	Pres	Tem	Orifice	Pres	Pres	Temp	Rate	Gas	Gain	BSW	Gain	Rate	Water	Ph	Salinity	Gain	Rate	Oil	Fluid	
	yyyy/mm/dd	hh:mm:ss	kPa(g)	kPa(g)	°C	mm	mm	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	m ³	%	m ³	m ³ /d	m ³	ppm	m ³	m ³ /d	m ³	m ³	
117	2000/02/15	20:30:00	35	160																			
118		21:00:00	40	165																			
119		21:30:00	40	165																			
120		22:00:00	45	170																			
121		22:30:00	45	170																			
122		23:00:00	50	170																			
123		23:30:00	60	170																			
124	2000/02/16	00:00:00	65	175																			
125		00:00:00	Production summary.																				
126		00:00:00	Rig pulled 6-swabs. Total fluid recovered during swabs: 4.35 m³.																				
127		00:00:00	Cum fluid recovered in 48hrs of operation: 11.91 m³.																				
128		00:00:00	Switch to hourly readings.																				
129		00:00:00	80	175																			
130		01:00:00	95	155																			
131		02:00:00	105	155																			
132		03:00:00	115	155																			
133		04:00:00	125	155																			
134		05:00:00	135	150																			
135	2000/02/16	06:00:00	145	150																			
136		07:00:00	155	155																			
137		08:00:00	160	140																			
138		08:00:00	Rig up swab lubricator.																				
139		08:13:00	Run in hole to tag fluid, tag-630m, pull-1131m.																				
140		08:30:00	End of swab #01, sample shows 0.8% sediment.																				
141		08:30:00				50.800							0.90	100	0.90	1.52	12.81	8	16000	0.000	0.000	0.000	12.81
142		08:37:00	Run in swab #02, tag-950m, pull-1484m.																				
143		08:54:00	End of swab #02, sample shows 0.2% sediment.																				
144		08:54:00				50.800							1.15	100	1.15	69.00	13.96	8	16000	0.000	0.000	0.000	13.96
145		08:56:00	Run in swab #03, tag-1398m, pull-1825m.																				

PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 2/15/00

Well:

Para et al Fort Liard A-01

Day: 7

Page: 1

Purpose of Job: Completion Formation: Mattson

Current Operation: Well shut in, recording shut in pressures

Tubing pressure: 215 Casing Pressure: 170 Perfs: 1875.0 to 1882.00

Date of Operations: 2/14/00 Weather: Cloudy -20C Perfs: N/A to N/A

Tbg Bttm: 1862.23 m KB PBTD: 1985.00 m KB

Operations:

(08:00 - 17:30) Record build up pressures on tubing and casing. 4100kPa on tubing and 140kPa on casing prior to rigging in coiled tubing.

(17:30 - 19:30) Rig up Trican coiled tubing and Nitrogen units. Safety meeting with Toolpush, testers, and Safety Boss. Pressure test to 21MPa Flare stack pilot lit and burning.

(19:30 - 23:30) RIH with 38mm coiled tubing and N2 at 20m³/min. Small pocket of burnable gas encountered at aprox. 1050m. Tagged bottom at 1985m and POH.

7.6m³ of frac fluid and aprox. 0.5-1m³ of sand recovered Fluid to surface at 500m
No oil or condensate was noticeably recovered.

(23:30 - 00:30) Shut in well and rig out coiled tubing units.

Shut in build up pressures to be recorded overnight by Norwood Testers

Vac truck transfers 7.6m³ fluid from pressure tank to rig tank

Services	Cost	Services	Cost
Rig	6400		
Camp	2600		
Supervision	835		
Rentals	540		
Trl/Tower	555		
Safety Boss	785		
Toolhand	655		
Slickline	1600		
Trican	48500		

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

Report from: Gerry Friend Phone #: 819-3581Contractor: Cenalta 42 Phone #: Previous cum cost: \$271,633Daily \$62,470 Cumulative Amount: \$334,103 AFE Amt: AFE #: 009N925078

PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Well:

Para et al Fort Liard A-01

Date Phoned In: 2/14/00

Day: 6 Page: 1

Purpose of Job: Completion Formation: Mattson
 Current Operation: Bleeding down tubing. Bled off to TSTM in 10 minutes through 1/2" choke
 Tubing pressure: 11600 Casing Pressure: TSTM Perfs: 1875.0 to 1882.00
 Date of Operations: 2/13/00 Weather: -15C & Cloudy/Snow Perfs: N/A to N/A

Tbg Btm: 1862.23 m KB PBTB: 1885.00 m KB

Operations:

(08:00 - 10:00) Check pressures on casing and tubing.(TSTM) Pull 2 dry runs swabbing. Rig out to frac well.
 (10:00 - 13:30) Rig in TSI treesaver and Newsco Frac equipment. Safety meeting
 (13:00 -14:15) Pump 3.5m³ KCL water down annulus before pressure build up to 16MPa. Pressure held between 15-18MPa on annulus for frac.
 (14:15 - 15:45) Start frac by pumping pad, formation broke down at 58.4MPa, feed rate of 4.0m³/min, start sand after 24.7m³ pad pumped, 0.4tonne@200, 0.8tonne@400, 1.2tonne@600 2.4tonne@800, 0.7tonne@1000. Injection pressure started to climb from 55MPa to 59.7MPa as soon a sand concentration went to 1000kg/m³. Flush was started at this point and was continued for 1.5 minutes to displace sand into formation. Pumping was stopped and 35MPa was held on treesaver for 30minutes at which point pressure had dropped to 22MPa, pressure was then bled off treesaver and all frac equipment was rigged out and released. A total of 5.5 tonne sand was pumped downhole, maximum treatment pressure was 60MPa, working pressure was 55MPa, with a total of 39.4m³ of water being used. Well was shut in and secured with 16MPa trapped on tubing side.

Trican coiled tubing and nitrogen unit will arrive Monday afternoon.

Services	Cost	Services	Cost
Rig	6400		
Camp	2600		
Supervision	835		
Rentals	540		
Ttl./Tower	555		
Safety Boss	785		
Toolhand	555		
Slickline	1600		
Treesaver	5150		
Newsco	100000	???	

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume In (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

Report from: Gerry Friend Phone #: 819-3581

Contractor: Cenalta 42 Phone #:

Previous cum cost: \$152,513

Daily \$119,120 Cumulative Amount

\$271,633 AFE Amt: AFE #: 009N925078

PARAMOUNT RES 'TD.

DAILY COMPLETION REPORT

Date Phoned In: 2/13/00

Well:

Para et al Fort Liard A-01

Day: 5

Page: 1

Purpose of Job: Completion Formation: Mattson

Current Operation: Run pressure gradient

Tubing pressure: Vacuum Casing Pressure: TSTM Perfs: 1875.0 to 1882.00

Date of Operations: 2/12/00 Weather: -20C & Clear Perfs: N/A to N/A

Tbg Bttm: 1862.23 m KB PBTD: 1985.00 m KB

Operations:

(07:30 - 13:00) Run gauge ring to 1862m. Run pressure gradient and bottom hole fluid sample. Fluid level at 280 meters.

Pressure @ 1862 w/ 65.9C temp = 15697kPa

Retrieve gun bar and drop guns.

(13:00 - 15:00) Rig up to swab and run in with sinker bars only to 1800m, remove torque from sand line.

(15:00 18:00) Swab fluid from tubing to rig tank. Recovered 5.8m³ of diesel, BSW, and solids

Swab Data	Time	Fluid Level	Pull Depth	Amount Recovered
	15:10	196m	766m	1.48m ³
	15:30	484m	950m	1.48m ³
	15:50	1131m	1825m	1.3m ³
	16:20	1309m	1825m	0.74m ³
	17:00	1397m	1825m	0.37m ³
	17:30	1353m	1825m	0.37m ³
	18:00	??	1825m	0.09m ³

Shut In well for night. No gas flow recorded, no initial pressure build up on tubing

Frac equipment lined up for tomorrow morning.

Will continue swabbing in morning.

Services	Cost	Services	Cost
Rig	6400		
Camp	2600		
Supervision	835		
Rentals	540		
Tri./Tower	555		
Safety Boss	785		
Toolhand	655		
Slickline	2675		
Trucking	7500		
Repairs	150		

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

Report from: Gerry Friend Phone #: 819-3581

Contractor: Cenalta 42 Phone #:

Previous cum cost: \$129,818

Daily \$22,695 Cumulative Amount:

\$152,513 AFE Amt: AFE #: 009N925078

PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 2/12/00

Well: Para et al Fort Liard A-01

Day: 4 Page: 1

Purpose of Job: Completion Formation: Mattson
 Current Operation: Run pressure gradient
 Tubing pressure: N/A Casing Pressure: N/A Perfs: 1875.0 to 1882.0
 Date of Operations: 2/11/00 Weather: -20C & Clear Perfs: N/A to N/A

Tbg Btm: 1862.63 m KB PBTD: 1985.00 m KB

Operations:

(00:00 - 16:30) Continue to RIH with strapped and drifted 73mm X L-80 tubing to 1905m. Fill tubing, set packer, pull off On/Off, displace to KCL water (valves on pump washed, had to pump with low rate). Release packer, lay down 5 joints tubing, space out.

(16:30 - 18:30) Confirmation log, space out, confirmation log. Guns on depth with top shot at 1875m.

Pressure test packer to 10MPa. Held OK

(18:30 - 20:15) Confirm no well pressures, nipple down BOP's, nipple up wellhead, Choke and gate valve, froze up, thaw with steam.

(20:15 - 21:15) Drop percussion bar and perforate interval 1875 - 1882m with 127mm, ERHSC, 17SPM, 60 degree phasing, tubing conveyed perforating guns. EWLU didn't have sound recorder, used screw driver as stethoscope, and heard guns enter fluid and fire. No initial pressure build, checked gauge at 15 minute intervals for 1 hour, no pressure increase on gauge. Well shut in and secured for the night. Office informed of results. Will run gradient in morning.

Services	Cost	Services	Cost
Rig	6400		
Camp	2600		
Supervision	835		
Rentals	540		
Trl./Tower	555		
Safety Boss	785		
Toolhand	655		
Stickline	1000		
Wireline	4700		
Trucking			

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

Report from: Gerry Friend Phone #: 819-3581

Contractor: Cenalta 42 Phone #:

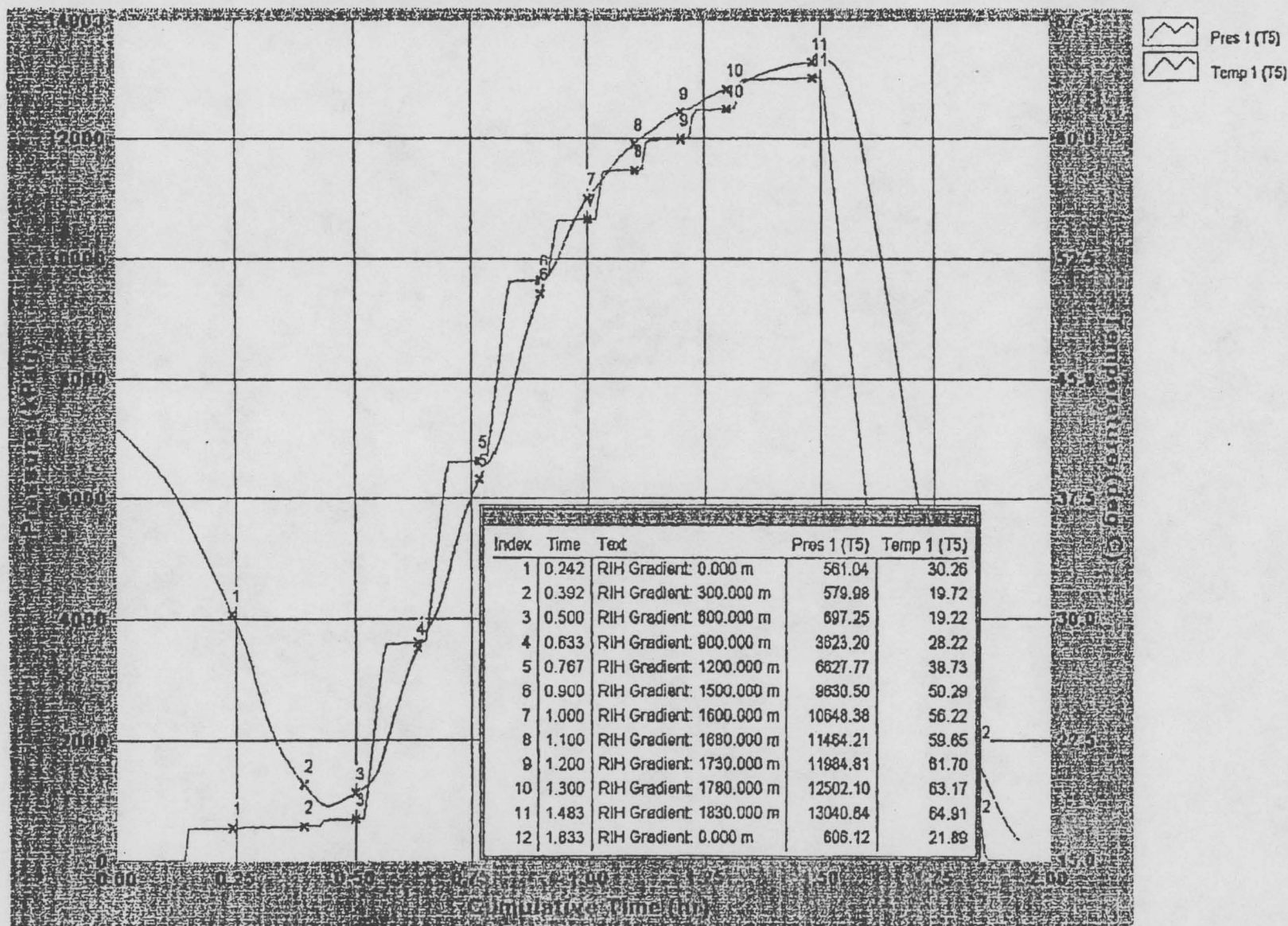
Previous cum cost: \$111,748

Daily \$18,070 Cumulative Amount: \$129,818 AFE Amt: AFE #: 009N925078



Company Name PARAMOUNT RESOURCES LTD.
 Well Name PARA ET AL LIARD
 Well Location A - 01
 Date(s) of Test FEB,20,2000 GRADIENT START @ 07:51 HRS

PARAMOUNT RESOURCES LTD.



PARAMOUNT RES LTD.

DAILY COMPLETION REPORT

Date Phoned In: 2/11/00

Well:

Para et al Fort Liard A-01

Day: 3

Page: 1

Purpose of Job: Completion Formation: Mattson

Current Operation: RIH with TCP

Tubing pressure: N/A Casing Pressure: N/A Perfs: N/A to N/A

Date of Operations: 2/10/00 Weather: clear Perfs: N/A to N/A

Tbg Btm: N/A m KB PBDT: 1985.00 m KB

Operations:

(00:00 - 18:00) Complete pressure testing rams and preventer to 21,000kPa and 7000kPa respectively. Run junk basket and gauge ring to 1995m with electric wireline. Strap, drift, and make up and run 40 joints of 73mm, L-80, 9.6kg/m tubing and rack in derrick while waiting on logs to arrive from Fort Nelson. Make up TCP assembly and run in hole with 97 joints. Strap 103 joints tubing on pipe racks.

Services	Cost	Services	Cost	Fluid Manifest	Day	Day	Job Total	Job Total
Rig	6400			Well Volumes	Oil	Water	Oil	Water
Camp	2600			Volume in (m3)				
Supervision	835			Volume out (m3)				
Rentals	540			New out (m3)				
	555			Load (m3)				
Safety Boss	785			Lease Inventory				
Toolhand	655			Transfer to (m3)				
Slickline	1000			Transfer from (m3)				
Wireline	15000			Fluid on location				
Constr.	760							
Trucking	1273							
Tubing	36000							

Report from: Gerry Friend Phone #: 819-3581Contractor: Cenalta 42 Phone #: Previous cum cost: \$45,345Daily \$66,403 Cumulative Amount: \$111,748 AFE Amt: AFE #: 009N925078

PARAMOUNT RES LTD

DAILY COMPLETION REPORT

Date Phoned In: 2/10/00

Well: Para et al Fort Liard A-01

Day: 2 Page: 1

Purpose of Job: Completion Formation: Mattson

Current Operation: Pressure testing BOP's

Tubing pressure: N/A Casing Pressure: N/A Perfs: N/A to N/A

Date of Operations: 2/9/00 Weather: clear Perfs: N/A to N/A

Tbg Bttm: N/A m KB PBTB: m KB

Operations:

(08:00 - 12:30) Continue to rig up, wireline arrives 12:00 and rigs up to run CBL. Nipple up BOP's

(12:30 - 14:30) Run static cement bond log from plug back to 1000m, rig crew continues to rig up and unload and tally 73mm-L-80-EUE tubing.

(14:30 - 16:30) Rig in pump lines

(16:30 - 18:30) Run pressure pass bond log. Perform CAODC rig inspection,

(18:30 - 20:00) Pressure test kill lines and blind rams to 200kPa and 21MPa for 15 minutes. OK

Attempt to pressure test upper and lower pipe rams, gate seals and blind flanges leaking. Toolpush gets seals for double gate on road from Fort St. John. Will complete operation in morning.

Weather: Cloudy -20C Wind: 10-20km/hr NW

Services	Cost	Services	Cost
Rig	6400		
Camp	2600		
Supervision	835		
Rentals	540		
Shack/Tower	555		
Safety Boss	785		
Toolhand	655		
Slickline	1000		
Wireline	12000		
Anchors	1850		
Trucking	1930		

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				
Lease Inventory				
Transfer to (m3)				
Transfer from (m3)				
Fluid on location				

Report from: Gerry Friend Phone #: 819-3581

Contractor: Cenalta 42 Phone #:

Previous cum cost: \$16,195

Daily \$29,150 Cumulative Amount: \$45,345 AFE Amt: AFE #: 009N925078

DAILY COMPLETION REPORT

2/9/00

1

Page: 1

Mattson

Move In and Rig Up

N/A

N/A

N/A

1

N/A

2/8/00

clear

N/A

•

N/A

N/A

PBTD:

 $m KE$

(13:00 - 19:00) Move rig and equipment from O-35 location to A-01. Spot equipment, fire up boiler, light plant, etc. Spot matting, pipe racks, catwalk, pump, rig tank, 400 bbl tanks, dog house, and junk rack. Move rig onto matting, leave derrick down. Crew shuts down for night.

Received 35m³ KCL water from O-35

Services	Cost	Services	Cost
Fluid Haul	1440		
Rig Move	10920		
Supervision	835		
Lease prep	3000		

Fluid Manifest	Day	Day	Job Total	Job Total
Well Volumes	Oil	Water	Oil	Water
Volume in (m3)				
Volume out (m3)				
New out (m3)				
Load (m3)				

Gerry Friend

Phone #: 819-3581

Cenalta 42

Phone #:

Previous cum cost:

\$16,195

Cumulative Amount:

\$16,195

AFE Amt:

AFE #:

009N925078

Date	Time	Cum. Time	Tbg Pres 1	Csg Pres 1	Tbg Temp 1
2000/02/07	17:00:03	0.3667	13312.752	12119.965	-1.328
2000/02/07	18:00:03	1.3667	13318.395	12142.614	-2.716
2000/02/07	19:00:03	2.3667	13321.329	12161.384	-3.739
2000/02/07	20:00:03	3.3667	13324.625	12177.702	-4.976
2000/02/07	21:00:03	4.3667	13328.518	12192.405	-6.343
2000/02/07	22:00:03	5.3667	13331.563	12206.272	-7.562
2000/02/07	23:00:03	6.3667	13335.294	12220.361	-8.31
2000/02/08	00:00:03	7.3667	13337.162	12231.836	-9.467
2000/02/08	01:00:03	8.3667	13340.155	12243.471	-9.946
2000/02/08	02:00:03	9.3667	13343.248	12253.857	-10.811
2000/02/08	03:00:03	10.3667	13346.076	12264.003	-10.956
2000/02/08	04:00:03	11.3667	13348.742	12273.528	-11.281
2000/02/08	05:00:03	12.3667	13351.955	12282.88	-11.574
2000/02/08	06:00:03	13.3667	13354.542	12292.485	-12.133
2000/02/08	08:00:15	15.37	13359.291	12310.52	-13.352
2000/02/08	09:00:15	16.37	13361.496	12318.828	-14.162
2000/02/08	10:00:15	17.37	13365.495	12327.039	-14.969
2000/02/08	11:00:15	18.37	13368.662	12335.665	-12.137
2000/02/08	12:00:15	19.37	13370.604	12342.62	-12.198
2000/02/08	13:00:15	20.37	13372.021	12349.624	-10.156
2000/02/08	14:00:15	21.37	13376.878	12357.027	-11.881
2000/02/08	15:00:15	22.37	13377.684	12364.819	-11.115
2000/02/08	16:00:15	23.37	13380.878	12371.521	-14.24
2000/02/08	17:00:15	24.37	13383.34	12377.914	-13.381
2000/02/08	18:00:15	25.37	13383.202	12382.817	-17.572
2000/02/08	19:00:15	26.37	13383.985	12390.481	-18.747
2000/02/08	20:00:15	27.37	13385.271	12395.55	-19.577
2000/02/08	21:00:15	28.37	13386.933	12401.666	-19.868
2000/02/08	22:00:15	29.37	13389.004	12408.437	-20.137
2000/02/08	23:00:15	30.37	13390.03	12413.742	-21.887
2000/02/09	00:00:15	31.37	13392.466	12420.408	-21.318
2000/02/09	01:00:15	32.37	13394.697	12426.868	-21.496
2000/02/09	02:00:15	33.37	13396.874	12433.283	-21.011
2000/02/09	03:00:15	34.37	13398.9	12438.705	-21.574
2000/02/09	04:00:15	35.37	13399.629	12444.357	-21.37
2000/02/09	05:00:15	36.37	13402.848	12450.323	-20.997

Paramount Resources Ltd.
 Paramount et al Ft. Liard f-36
 Date: February 9, 2000

Date	Time	Cum. Time	Tbg Pres 1	Tbg Pres 2	Tbg Temp 1
" 2000/02/07	18:00:24	0.0667	14014.604	14023.529	-2.345 "
" 2000/02/07	19:00:24	1.0667	14030.097	14042.451	-3.769 "
" 2000/02/07	20:00:24	2.0667	14041.935	14051.981	-5.167 "
" 2000/02/07	21:00:24	3.0667	14050.425	14061.119	-6.470 "
" 2000/02/07	22:00:24	4.0667	14059.041	14070.387	-7.836 "
" 2000/02/07	23:00:24	5.0667	14067.555	14078.901	-8.881 "
" 2000/02/08	00:00:24	6.0667	14074.648	14086.112	-9.657 "
" 2000/02/08	01:00:24	7.0667	14081.806	14093.773	-10.366 "
" 2000/02/08	02:00:24	8.0667	14088.409	14100.562	-10.836 "
" 2000/02/08	03:00:24	9.0667	14095.149	14108.358	-11.259 "
" 2000/02/08	04:00:24	10.0667	14102.336	14114.854	-11.878 "
" 2000/02/08	05:00:24	11.0667	14108.335	14120.298	-12.213 "
" 2000/02/08	06:00:24	12.0667	14114.757	14127.369	-12.509 "
" 2000/02/08	07:00:58	13.0761	14120.85	14134.675	-13.094 "
" 2000/02/08	08:00:58	14.0761	14128.357	14139.911	-13.718 "
" 2000/02/08	09:00:58	15.0761	14132.998	14146.84	-14.460 "
" 2000/02/08	10:00:58	16.0761	14138.337	14151.425	-15.309 "
" 2000/02/08	11:00:58	17.0761	14143.886	14157.049	-14.156 "
" 2000/02/08	12:00:58	18.0761	14150.497	14164.002	-13.425 "
" 2000/02/08	13:00:58	19.0761	14154.286	14168.31	-11.438 "
" 2000/02/08	14:00:58	20.0761	14159.141	14172.007	-10.327 "
" 2000/02/08	15:00:58	21.0761	14164.055	14176.332	-12.616 "
" 2000/02/08	16:00:58	22.0761	14168.142	14179.095	-10.583 "
" 2000/02/08	17:00:58	23.0761	14173.149	14184.675	-14.749 "
" 2000/02/08	18:00:58	24.0761	14176.095	14188.233	-18.666 "
" 2000/02/08	19:00:58	25.0761	14180.353	14192.555	-20.322 "
" 2000/02/08	20:00:58	26.0761	14185.994	14194.453	-22.259 "
" 2000/02/08	21:00:58	27.0761	14188.211	14196.3	-24.141 "
" 2000/02/08	22:00:58	28.0761	14189.604	14197.167	-26.031 "
" 2000/02/08	23:00:58	29.0761	14192.741	14199.222	-26.788 "
" 2000/02/09	00:00:58	30.0761	14195.406	14202.72	-27.560 "
" 2000/02/09	01:00:58	31.0761	14198.589	14205.371	-28.273 "
" 2000/02/09	02:00:58	32.0761	14202.168	14209.093	-28.692 "
" 2000/02/09	03:00:58	33.0761	14206.716	14211.968	-29.063 "
" 2000/02/09	04:00:58	34.0761	14208.951	14214.608	-29.584 "
" 2000/02/09	05:00:58	35.0761	14212.333	14217.943	-29.775 "
" 2000/02/09	06:00:58	36.0761	14216.162	14222.044	-29.894 "

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