

1902

file

..... **FAX** .....**PARAMOUNT RESOURCES LTD.**

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NAME: CHRIS KNOECHELFAX NO.: 292-5876FIRM: NATIONAL ENERGY BOARDDATE: NOVEMBER 26, 2001FROM: ELAINE JOHNSONTOTAL NUMBER OF PAGES 8 INCLUDING COVER PAGE.

## DESCRIPTION OF DATA:

N-01 - Workover Report

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IF THERE ARE ANY PROBLEMS, PLEASE CALL (403) 206-3818.

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## PARAMOUNT FORT LIARD

## DAILY COMPLETION / WORKOVER REPORT

WELL NAME: PARA et al FT. LIARD

DATE: 11-25-01 REPORT NO: 5

LOCATION: N - 01

CONTRACTOR: SOLID PRODUCTION SERVICES

TD (mKB) 1940.0 PSTD (mKB): 1928

Csg Size (mm): 177.8 AFE # 00N012554

FORMATION: MATTSON SAND - FANTASQUE

Perforations: 1787.5 - 1731.5 &amp; 1689.0 - 1644.0

PURPOSE: PREPARE TO CO-MINGLE M-2 ZONE WITH M-3 ZONE.

WELLHEAD PRESSURES @08:00 hrs: SITP: 5253 kPa SICP: 10,341 kPa

CURRENT OPERATIONS @08:00 hrs: AIR LIFT WIRELINE EQUIPMENT OFF LOCATION WITH HELICOPTERS.

FROM	TO	PREVIOUS DAYS OPERATIONS		
		SITP: kPa	SICP: kPa	
FLY TO LOCATION WITH HELICOPTER. START & SERVICE EQUIPMENT. TAKE PRESSURE				
READINGS. PREPARE TO CONDUCT SLICKLINE WORK ON WELL.				
RUN # 1 - RAN IN WITH AN 88.9mm. OTIS "B" SHIFTING TOOL, HYDRAULIC JARS, SPANGS & ANTI-KICK TOOL, AFTER EQUALIZING WELL PRESSURES, OPEN SLIDING SLEEVE AT 1464 m. C.F. - OBSERVED A 1400 KPA. PRESSURE INCREASE, ALLOW WELL TO STABILIZE.				
CONTINUE RUNNING IN TO 1675 m. C.F., OPEN SECOND SLIDING SLEEVE @ 1675 m. C.F. OBSERVED A 1400 KPA. PRESSURE INCREASE IMMEDIATELY, LOWER TOOLS QUICKLY.				
ALLOW PRESSURES TO STABILIZE, TRIP OUT TO CHECK TOOLS, SNUG PULLING BACK THROUGH SLIDING SLEEVES, TOOLS ALL CHECKED OUT GOOD, CHANGE SHEAR PINS.				
RUN # 2 - RAN IN TO 1464 m. C.F. & CLOSED SLIDING SLEEVE, RUN DOWN THROUGH SLIDING SLEEVE & PULL BACK UP THROUGH SLIDING SLEEVE TO ENSURE IT, S CLOSED.				
PULL OUT, RECOVER ALL TOOLS, LAY DOWN & LOAD OUT SAME.				
AIR LIFT SLICKLINE UNIT BACK TO AIRPORT @ FT. LIARD. S.D.F.N. @ 18:00 HOURS.				
• NOTE : AFTER EQUALIZING WELL PRESSURES THE FIRST TIME, BOTH SIDES WERE SHUT IN AND TBG. SIDE PRESSURE DROPPED BACK TO 5253 KPA. INDICATING THAT THE M-3 ZONE MAY BE FEEDING. UPON OPENING UPPER SLIDING SLEEVE, PRESSURE INCREASED FOR SOME TIME, SUSPECT FLUID IN ANNULUS FEEDING INTO M-3.				

## DAILY COST SUMMARY

Item	Amount	Item	Amount	Item	Amount
RIG		SUBSISTENCE	\$963.00	DAILY COST	\$7,382.00
SUPERVISION	\$910.00			PREVIOUS	\$12,160.00
RENTALS				COST TO DATE	\$19,542.00
SLICKLINE	\$2,620.00			AFE AMOUNT	
HELICOPTER	\$2,889.00				
RIG HOURS	MOBILE	1-403-861-3845		PREPARED BY	AL IRONSIDE.
CUM RIG HRS	AREA	FT. LIARD, N.W.T.		RECEIVED BY	WAYNE TOMM.

## LOAD FLUID

Total Load Fluid:	Daily Recovery:	Recovered to Date:	Load to Recover:
Oil: m³	Oil: m³	Oil: m³	Oil: m³
Water: m³	Water: m³	Water: m³	Water: m³

(+ new fluid)



## DAILY COMPLETION / WORKOVER REPORT

WELL NAME: PARA et al FT. LIARD

DATE: 11-23-01 REPORT NO: 3

LOCATION: N-01

CONTRACTOR: SOLID PRODUCTION SERVICES

TD (mKB): 1940.0 PBTD (mKB): 1928

Csq Size (mm): 177.8 AFE # 00N012554

FORMATION: MATTSON SAND - FANTASQUE

Perforations: 1787.5 - 1731.5 & 1689.0 - 1644.0

**PURPOSE:** PREPARE TO CO-MINGLE M-2 ZONE WITH M-3 ZONE

WELL HEAD PRESSURES @08:00 hrs: SITP: kPa SICP: kPa

## DAILY COST SUMMARY

Item	Amount	Item	Amount	Item	Amount
RIG				DAILY COST	\$1,500.00
SUPERVISION	\$1,500.00			PREVIOUS	\$4,250.00
RENTALS				COST TO DATE	\$5,750.00
SLICKLINE				AFE AMOUNT	

RIG HOURS . MOBILE 403-861-3845 PREPARED BY AL IRONSIDE .

CUM RIG HRS. AREA FT. LIARD, N.W.T. RECEIVED BY WAYNE TOMM

## LOAD FLUID

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

## DAILY COMPLETION / WORKOVER REPORT

WELL NAME: PARA et al FT. LIARD

DATE: 11-22-01 REPORT NO: 2

LOCATION N - 01

CONTRACTOR: SOLID PRODUCTION SERVICES

TD (mKB): 1940.0 PBTD (mKB): 1928

Csg Size (mm): 177.8 AFE # 00N012554

## FORMATION: MATTSON SAND - FANTASQUE

Perforations: 1787.5 - 1731.5 & 1689.0 - 1644.0

PURPOSE: PREPARE TO CO-MINGLE M-2 ZONE WITH M-3 ZONE

WELLHEAD PRESSURES @06:00 hrs: SITP: kPa SICP: kPa

CURRENT OPERATIONS @08:00 hrs: TRAVEL TO LOCATION

## DAILY COST SUMMARY

Item	Amount	Item	Amount	Item	Amount
RIG				DAILY COST	\$3,500.00
SUPERVISION	\$1,800.00			PREVIOUS	\$750.00
RENTALS				COST TO DATE	\$4,250.00
SLICKLINE	\$1,700.00			AFE AMOUNT	

RIG HOURS	MOBILE	403-861-3845	PREPARED BY	AL IRONSIDE
CUM RIG HRS	AREA	FT. LIARD, N.W.T.	RECEIVED BY	WAYNE TOMM

## LOAD FLUID

Total Load Fluid:	Daily Recovery:	Recovered to Date:	Load to Recover:
Oil: _____ m <sup>3</sup>	Oil: _____ m <sup>3</sup>	Oil: _____ m <sup>3</sup>	Oil: _____
Water: _____ m <sup>3</sup>	Water: _____ m <sup>3</sup>	Water: _____ m <sup>3</sup>	Water: _____

(+ new fluid)

## DAILY COMPLETION / WORKOVER REPORT

WELL NAME: PARA et al FT. LIARD DATE: 11-21-01 REPORT NO: 1  
LOCATION: N - 01 CONTRACTOR: SOLID PRODUCTION SERVICES  
TD (mKB): 1940.0 PBTM (mKB): 1928 Csg Size (mm): 177.8 AFE # 00N012554  
FORMATION: MATTSON SAND - FANTASQUE Perforations: 1787.5 - 1731.5 & 1689.0 - 1644.0  
PURPOSE: PREPARE TO CO-MINGLE M-2 ZONE WITH M-3 ZONE.  
WELLHEAD PRESSURES @08:00 hrs: SITP: kPa SICP: kPa  
CURRENT OPERATIONS @08:00 hrs: TRAVEL TO LOCATION.

## DAILY COST SUMMARY

Item	Amount	Item	Amount	Item	Amount
RIG				DAILY COST	\$750.00
SUPERVISION	\$750.00			PREVIOUS	
RENTALS				COST TO DATE	\$750.00
				AFE AMOUNT	
RIG HOURS	MOBILE	1-403-861-3845	PREPARED BY	AL IRONSIDE	
CUM RIG HRS.	AREA	FT. LIARD, N.W.T.	RECEIVED BY	WAYNE TOMM	

## LOAD FLUID

Total Load Fluid:	Daily Recovery:	Recovered to Date:	Load to Recover
Oil: _____ m <sup>3</sup>	Oil: _____ m <sup>3</sup>	Oil: _____ m <sup>3</sup>	Oil: _____
Water: _____ m <sup>3</sup>	Water: _____ m <sup>3</sup>	Water: _____ m <sup>3</sup>	Water: _____
(+ new fluid)			