

N.E.B. COPY

**PARAMOUNT RESOURCES LTD.**  
**PARA ET AL MOUNT COTY I 02**  
**Static Gradient**  
**Mar 15/2001**

**Test Completed By**  
**Solid Production Services**  
**505 – 19<sup>th</sup> Ave**  
**Nisku, Alberta**  
**T9E-7V9**  
**(780) 955-7525**

## GENERAL INFORMATION

### Client Information:

Company: Paramount Resources Ltd.

Contact:

Phone: Fax: e-mail:

### Site Information:

Contact:

Phone: Fax: e-mail:

### Well Information:

Name: Para et al Mount Coty I 02

Operator:

Location-Downhole: Para et al Mount Coty I 02

Location-Surface:

### Test Information:

Company: Solid Production Services Ltd.

Representative:

Supervisor:

Test Type: Static Gradient Job Number: 0103125

Test Unit:

Start Date: 2001/03/15 Start Time: 12:15:00

End Date: 2001/03/15 End Time: 13:30:00

Report Date: 2001/03/19 Prepared By: Ella Berscheid

Remarks: Qualified By:

## WELL INFORMATION

**Well Name :** Para et al Mount Coty I 02

**Well Operator :**

**Well Location :** Para et al Mount Coty I 02

**Location-Surface :**

**Field :** Mount Coty

**Well Type :** Vertical

**Pool :**

**Formation :** Fantasque

Perforation Type :			Producing Through : Tubing	Size	73.00 mm
Pool Datum	m	CF	Elevation Referenced From	372.95 m	KB
Datum Depth	m	CF	Elevation Referenced To	367.90 m	GL
			Offset	5.05 m	

### Production Intervals

Production Interval & MPP Reference To : KB

MPP Pressure Reference : None

	From - m	To - m		Depth - m	Pressure - kPa
1.	897.00	917.00	1.	907.00	
2.			2.		
3.			3.		
4.			4.		
5.			5.		
6.			6.		
7.			7.		
8.			8.		
9.			9.		
10.			10.		
11.			11.		
12.			12.		

**Remarks :**

Paramount Resources Ltd.  
 Para et al Mount Coty I 02  
 Start Test Date: 2001/03/15  
 Final Test Date: 2001/03/15

## Static Gradient Top gauge 71045

Para et al Mount Coty I 02  
 Formation: Fantasque  
 Job Number: 0103125

**Top**

Gauge Serial Number	71045	Gauge Type	ss2500
Gauge Manufacturer	Spartek	Maximum Recorder Range	20685.00 kPa
Run Depth	905.55000 m	Date of Last Calibration	2000/06/26
Gauge Start Date	2001/03/15 12:15:00	Gauge Stop Date	2001/03/15 13:30:00
Date Gauge On Bottom	2001/03/15 13:02:00	Date Gauge Off Bottom	2001/03/15 13:12:00

**Test Data**

Test/Prod Interval Top KB (TVD)	897.00000 m	Base KB (TVD)	917.00000 m
Pool Datum	m	Datum Depth	m
Tubing Pressure Initial	868.00 kPa(a)	Final	kPa(a)
Casing Pressure Initial	120.00 kPa(a)	Final	kPa(a)
Start Test Date	2001/03/15 12:15:00	Time Well Shut-In	

Depth m	Time hh:mm:ss	Duration min	Pressure kPa(a)	Gradient kPa/m	Temp. °C	Gradient °C/m
4.55	12:27:28	12.47	753.37	8.356	-4.30	0.054
304.55	12:36:28	9.00	3260.11	9.895	11.76	0.031
604.55	12:43:27	7.00	6228.71	9.832	20.95	0.056
804.55	12:50:57	7.50	8195.07	9.719	32.10	0.072
854.55	12:56:57	6.00	8681.04	9.869	35.71	0.042
879.55	13:01:58	5.00	8927.77	9.806	36.75	0.037
905.55	13:11:57	10.00	9182.74		37.73	

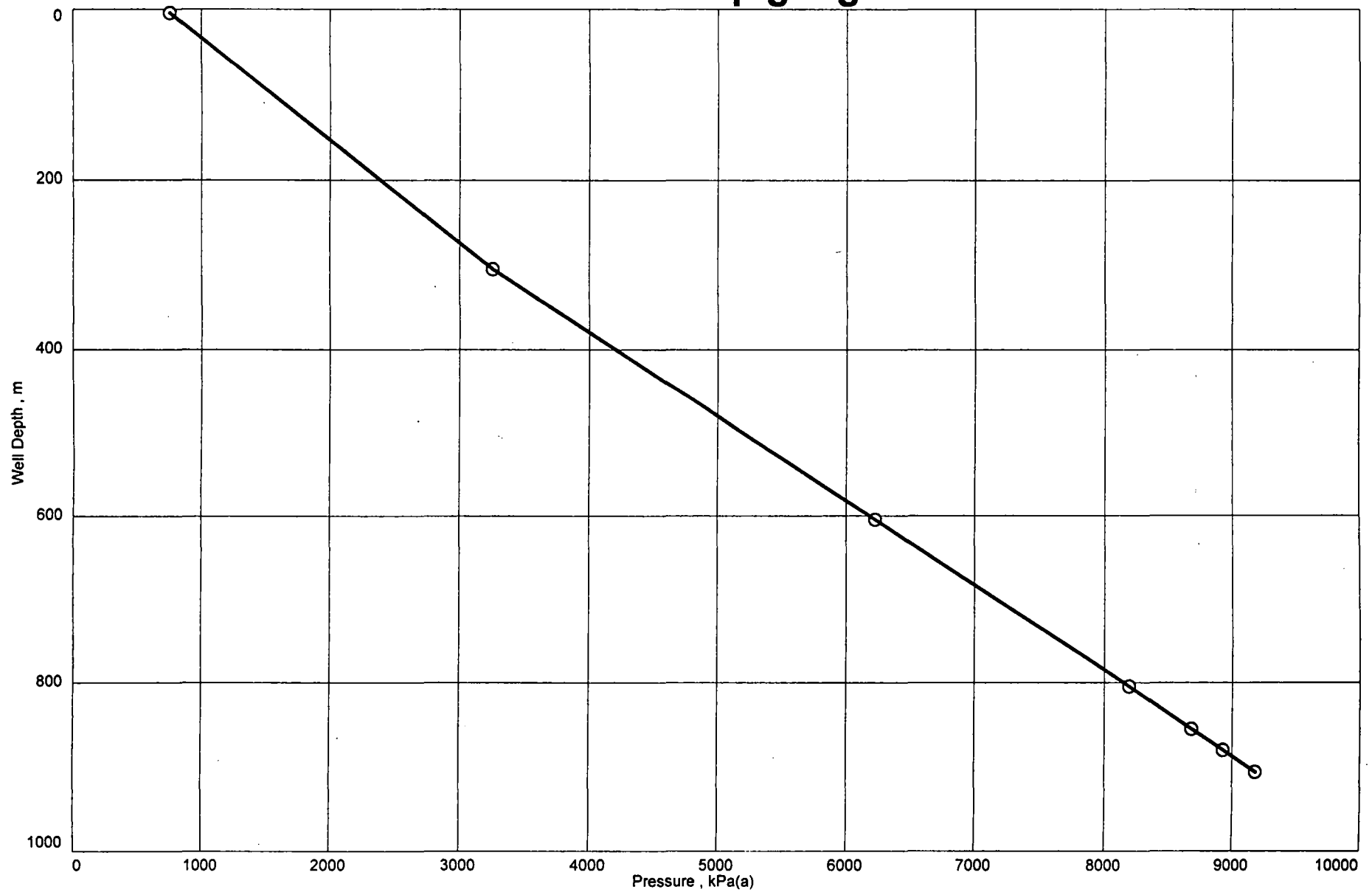
**Results**

Gas Gradient	9.806 kPa/m	Gas/Liquid Interface	m	kPa(a)
Liquid Gradient	kPa/m	Well Datum (MPP)	907.00 m	9196.95 kPa(a)

Paramount Resources Ltd.  
Para et al Mount Coty I 02  
Start Test Date: 2001/03/15  
Final Test Date: 2001/03/15

Para et al Mount Coty I 02  
Formation: Fantasque  
Job Number: 0103125

## Static Gradient-Top gauge 71045



Paramount Resources Ltd.  
 Para et al Mount Coty I 02  
 Start Test Date: 2001/03/15  
 Final Test Date: 2001/03/15

## Static Gradient Bottom gauge 71042

Para et al Mount Coty I 02  
 Formation: Fantasque

Job Number: 0103125

### Bottom

Gauge Serial Number	71042	Gauge Type	ss2500
Gauge Manufacturer	Spartek	Maximum Recorder Range	20685.00 kPa
Run Depth	906.05000 m	Date of Last Calibration	2000/05/17
Gauge Start Date	2001/03/15 12:15:00	Gauge Stop Date	2001/03/15 13:30:00
Date Gauge On Bottom	2001/03/15 13:02:00	Date Gauge Off Bottom	2001/03/15 13:12:00

### Test Data

Test/Prod Interval Top KB (TVD)	897.00000 m	Base KB (TVD)	917.00000 m
Pool Datum	m	Datum Depth	m
Tubing Pressure Initial	868.00 kPa(a)	Final	kPa(a)
Casing Pressure Initial	120.00 kPa(a)	Final	kPa(a)
Start Test Date	2001/03/15 12:15:00	Time Well Shut-In	

Depth m	Time hh:mm:ss	Duration min	Pressure kPa(a)	Gradient kPa/m	Temp. °C	Gradient °C/m
5.05	12:27:28	12.47	756.66		-6.25	
305.05	12:36:28	9.00	3274.16	8.392	11.93	0.061
605.05	12:43:58	7.50	6245.18	9.903	22.00	0.034
805.05	12:50:27	6.50	8212.54	9.837	32.31	0.052
855.05	12:56:27	6.00	8700.37	9.757	36.04	0.074
880.05	13:01:58	5.50	8947.47	9.884	37.15	0.045
906.05	13:11:57	10.00	9202.51	9.809	38.08	0.036

### Results

Gas Gradient	9.809 kPa/m	Gas/Liquid Interface	m	kPa(a)
Liquid Gradient	kPa/m	<b>Well Datum (MPP)</b>	<b>907.00 m</b>	<b>9211.82 kPa(a)</b>

Paramount Resources Ltd.  
Para et al Mount Coty I 02  
Start Test Date: 2001/03/15  
Final Test Date: 2001/03/15

Para et al Mount Coty I 02  
Formation: Fantasque  
Job Number: 0103125

## Static Gradient-Bottom gauge-71042

