

N.E.B. COPY

**COMPUTALOG**

*Wellbore knowledge and solutions*

COMPUTALOG LTD.

PetroCanada Centre

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Calgary, Alberta, Canada T2P 3Y7

Tel. (403) 218-2400 • Fax (403) 218-2401

# COMPLETION

FOR

**PARAMOUNT RESOURCES LIMITED**

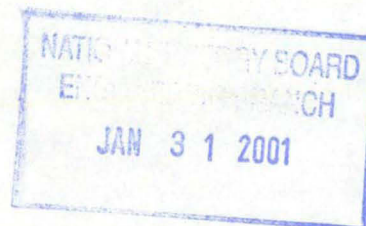
**PARA ET AL MOUNT COTY I-02 NWT**

FROM SURFACE LOCATION:

I-02 60-20-123-30 NWT

WELL FILE: **11040 C**

January 9, 2001



COMPUTALOG DRILLING SERVICES  
A DIVISION OF COMPUTALOG LTD.  
9204 - 37TH AVENUE  
EDMONTON, AB. CANADA T6E 5L4  
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COMPUTALOG DRILLING SERVICES  
A DIVISION OF COMPUTALOG LTD.  
4500, 150 - 6TH AVENUE S.W.  
CALGARY, AB. CANADA T2P 3Y7  
PHONE: (403) 218-2400  
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COMPUTALOG DRILLING SERVICES

Client : PARAMOUNT RESOURCES LTD.  
 Well Name : PARA ET AL MOUNT COTY I-02 NWT  
 Location : I-02/60-20-123-30 NWT

Page : 1 of 5  
 Date : 01/01/09  
 File : 11040C

Vertical Section Calculated Along Azimuth 49.75°

GR. ELEV. = 367.90m KB ELEV. = 372.95m

MD m	Inc deg	Azi deg	TVD m	Lat m	Dep m	V'Sect m	D'Leg °/30	Build °/30	Turn °/30
TIE ON									
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
71.00	0.50	79.20	71.00	0.06	0.30	0.27	0.21	0.21	33.5
145.00	0.90	57.30	144.99	0.43	1.11	1.13	0.19	0.16	-8.9
220.00	1.50	41.00	219.98	1.49	2.25	2.68	0.27	0.24	-6.5
293.00	2.20	29.90	292.94	3.43	3.58	4.94	0.32	0.29	-4.6
315.14	2.50	24.10	315.06	4.24	3.98	5.78	0.52	0.41	-7.9
324.86	2.70	22.60	324.77	4.64	4.16	6.17	0.65	0.62	-4.6
334.24	2.20	17.90	334.14	5.02	4.30	6.52	1.72	-1.60	-15.0
343.96	1.60	5.00	343.86	5.33	4.37	6.78	2.26	-1.85	-39.8
353.41	1.10	340.60	353.30	5.55	4.35	6.90	2.38	-1.59	-77.5
362.72	0.70	284.60	362.61	5.65	4.27	6.90	2.95	-1.29	-180.5
371.87	0.70	241.70	371.76	5.63	4.16	6.82	1.68	0.00	-140.7
380.85	0.80	218.10	380.74	5.56	4.07	6.70	1.08	0.33	-78.8
390.42	0.80	209.80	390.31	5.45	4.00	6.57	0.36	0.00	-26.0
409.14	0.60	197.50	409.03	5.24	3.91	6.37	0.40	-0.32	-19.7
427.44	0.80	313.60	427.33	5.24	3.78	6.27	1.96	0.33	190.3
436.93	0.70	211.00	436.82	5.23	3.71	6.21	3.71	-0.32	-324.3
455.71	1.60	187.40	455.59	4.87	3.61	5.91	1.60	1.44	-37.7
473.50	1.10	180.80	473.38	4.46	3.58	5.61	0.88	-0.84	-11.1
482.88	0.80	173.50	482.76	4.30	3.59	5.52	1.03	-0.96	-23.3
491.89	0.40	150.10	491.77	4.21	3.61	5.48	1.54	-1.33	-77.9
501.17	0.30	100.20	501.05	4.18	3.65	5.49	1.00	-0.32	-161.3
518.72	0.50	59.50	518.60	4.21	3.76	5.59	0.57	0.34	-69.6
528.25	0.60	63.70	528.13	4.25	3.84	5.68	0.34	0.31	13.2
537.87	0.70	64.40	537.75	4.30	3.94	5.79	0.31	0.31	2.2
547.18	0.80	60.90	547.05	4.36	4.05	5.90	0.35	0.32	-11.3
556.83	0.90	70.60	556.70	4.42	4.18	6.04	0.54	0.31	30.2
566.39	0.90	76.00	566.26	4.46	4.32	6.18	0.27	0.00	16.9
576.03	0.90	102.50	575.90	4.46	4.47	6.29	1.28	0.00	82.5
584.89	1.00	113.20	584.76	4.42	4.61	6.37	0.69	0.34	36.2

COMPUTALOG DRILLING SERVICES

Client : PARAMOUNT RESOURCES LTD.  
 Well Name : PARA ET AL MOUNT COTY I-02 NWT  
 Location : I-02/60-20-123-30 NWT

Page : 2 of 5  
 Date : 01/01/09  
 File : 11040C

Vertical Section Calculated Along Azimuth 49.75°

GR. ELEV. = 367.90m KB ELEV. = 372.95m

MD m	Inc deg	Azi deg	TVD m	Lat m	Dep m	V'Sect m	D'Leg °/30	Build °/30	Turn °/30
594.28	1.00	137.00	594.15	4.32	4.74	6.41	1.32	0.00	76.0
603.99	1.20	146.60	603.86	4.18	4.85	6.40	0.84	0.62	29.7
613.51	1.10	172.50	613.37	4.00	4.92	6.34	1.65	-0.32	81.6
623.13	1.20	182.20	622.99	3.81	4.93	6.22	0.68	0.31	30.2
632.78	1.10	215.00	632.64	3.63	4.87	6.06	2.04	-0.31	102.0
642.43	1.30	238.30	642.29	3.50	4.72	5.87	1.62	0.62	72.4
652.10	1.20	241.60	651.96	3.39	4.54	5.66	0.38	-0.31	10.2
661.13	1.00	234.00	660.99	3.30	4.39	5.49	0.82	-0.66	-25.2
670.60	0.90	226.50	670.45	3.20	4.27	5.33	0.50	-0.32	-23.8
680.24	0.70	217.40	680.09	3.10	4.18	5.20	0.74	-0.62	-28.3
689.81	0.40	204.50	689.66	3.03	4.13	5.11	1.01	-0.94	-40.4
699.42	0.40	191.70	699.27	2.96	4.11	5.05	0.28	0.00	-40.0
708.99	0.20	184.90	708.84	2.91	4.10	5.02	0.64	-0.63	-21.3
718.13	0.20	200.70	717.98	2.88	4.10	4.99	0.18	0.00	51.9
727.07	0.10	216.70	726.92	2.86	4.09	4.97	0.36	-0.34	53.7
736.41	0.30	210.10	736.26	2.84	4.07	4.94	0.65	0.64	-21.2
745.88	0.50	211.10	745.73	2.78	4.04	4.88	0.63	0.63	3.2
755.24	0.70	214.30	755.09	2.70	3.98	4.78	0.65	0.64	10.3
764.50	0.90	209.90	764.35	2.59	3.92	4.66	0.68	0.65	-14.3
773.89	1.10	176.60	773.74	2.43	3.88	4.54	1.93	0.64	-106.4
783.51	1.20	178.30	783.36	2.24	3.89	4.42	0.33	0.31	5.3
792.99	0.90	213.60	792.84	2.08	3.85	4.28	2.21	-0.95	111.7
802.62	0.60	223.80	802.46	1.98	3.78	4.16	1.02	-0.93	31.8
812.07	0.40	237.60	811.91	1.93	3.72	4.08	0.74	-0.63	43.8
821.63	0.40	251.70	821.47	1.90	3.66	4.02	0.31	0.00	44.2
830.56	0.40	260.30	830.40	1.88	3.59	3.96	0.20	0.00	28.9
839.32	0.40	285.80	839.66	1.89	3.53	3.91	0.57	0.00	32.6
849.37	0.30	310.90	849.21	1.91	3.48	3.89	0.57	-0.31	78.8
858.35	0.40	351.10	858.69	1.96	3.46	3.90	0.82	0.32	127.2
868.35	0.60	47.40	868.19	2.03	3.49	3.97	1.59	0.63	177.8

**COMPUTALOG DRILLING SERVICES**

Client : PARAMOUNT RESOURCES LTD.  
 Well Name : PARA ET AL MOUNT COTY I-02 NWT  
 Location : I-02/60-20-123-30 NWT

Page : 3 of 5  
 Date : 01/01/09  
 File : 11040C

**Vertical Section Calculated Along Azimuth 49.75°**

GR. ELEV. = 367.90m KB ELEV. = 372.95m

MD m	Inc deg	Azi deg	TVD m	Lat m	Dep m	V'Sect m	D'Leg °/30	Build °/30	Turn °/30
877.72	0.90	30.10	877.56	2.12	3.56	4.09	1.19	0.96	-55.4
896.00	1.20	359.90	895.84	2.44	3.63	4.35	1.02	0.49	-49.6
905.41	1.40	342.60	905.25	2.65	3.60	4.46	1.40	0.64	-55.2
915.27	1.30	289.80	915.10	2.80	3.46	4.45	3.66	-0.30	-160.6
923.81	1.50	282.70	923.64	2.86	3.26	4.33	0.93	0.70	-24.9
933.43	1.50	278.50	933.26	2.90	3.01	4.17	0.34	0.00	-13.1
942.97	1.20	273.40	942.80	2.93	2.79	4.02	1.02	-0.94	-16.0
952.57	0.80	251.70	952.39	2.91	2.62	3.88	1.70	-1.25	-67.8
961.68	0.80	224.20	961.50	2.85	2.52	3.76	1.25	0.00	-90.6
971.29	0.80	210.30	971.11	2.74	2.44	3.63	0.60	0.00	-43.4
980.82	0.60	208.80	980.64	2.64	2.38	3.52	0.63	-0.63	-4.7
990.46	0.70	201.10	990.28	2.54	2.33	3.42	0.41	0.31	-24.0
1000.10	0.60	201.20	999.92	2.44	2.29	3.33	0.31	-0.31	0.3
1009.69	0.70	199.40	1009.51	2.34	2.26	3.23	0.32	0.31	-5.6
1019.28	0.70	188.20	1019.10	2.22	2.23	3.14	0.43	0.00	-35.0
1028.92	0.80	195.10	1028.74	2.10	2.20	3.04	0.42	0.31	21.5
1038.54	1.00	185.60	1038.36	1.95	2.18	2.92	0.78	0.62	-29.6
1047.38	0.80	196.70	1047.20	1.82	2.15	2.82	0.90	-0.68	37.7
1057.00	0.60	238.00	1056.82	1.73	2.09	2.71	1.65	-0.62	128.8
1066.59	0.80	265.40	1066.40	1.69	1.98	2.61	1.20	0.63	85.7
1076.24	0.90	270.40	1076.05	1.69	1.84	2.49	0.39	0.31	15.5
1087.26	0.90	266.30	1087.07	1.68	1.67	2.36	0.18	0.00	-11.2
1096.98	0.90	273.10	1096.79	1.68	1.51	2.24	0.33	0.00	21.0
1106.60	0.90	271.10	1106.41	1.69	1.36	2.13	0.10	0.00	-6.2
1116.05	0.80	279.10	1115.86	1.70	1.22	2.03	0.49	-0.32	25.4
1125.36	0.90	289.30	1125.17	1.73	1.09	1.95	0.58	0.32	32.9
1134.76	0.60	307.30	1134.57	1.79	0.98	1.90	1.21	-0.96	57.4
1144.38	0.80	330.00	1144.19	1.88	0.91	1.91	1.05	0.62	70.8
1153.88	0.80	331.90	1153.69	1.99	0.84	1.93	0.08	0.00	6.0
1163.22	0.90	344.20	1163.02	2.12	0.79	1.97	0.67	0.32	39.5

**COMPUTALOG DRILLING SERVICES**

Client : PARAMOUNT RESOURCES LTD.  
 Well Name : PARA ET AL MOUNT COTY I-02 NWT  
 Location : I-02/60-20-123-30 NWT

Page : 4 of 5  
 Date : 01/01/09  
 File : 11040C

**Vertical Section Calculated Along Azimuth 49.75°**

GR. ELEV. = 367.90m KB ELEV. = 372.95m

MD m	Inc deg	Azi deg	TVD m	Lat m	Dep m	V'Sect m	D'Leg °/30	Build °/30	Turn °/30
1172.28	0.80	319.90	1172.08	2.24	0.73	2.00	1.23	-0.33	-80.5
1181.81	0.70	287.20	1181.61	2.31	0.63	1.97	1.36	-0.31	-102.9
1191.48	0.60	203.30	1191.28	2.28	0.56	1.90	2.71	-0.31	-260.3
1233.00	0.50	162.90	1232.80	1.90	0.52	1.63	0.28	-0.07	-29.2
1239.20	0.50	143.00	1239.00	1.86	0.55	1.62	0.84	0.00	-96.3
1248.80	0.30	118.90	1248.60	1.81	0.60	1.62	0.80	-0.63	-75.3
1258.37	0.50	106.80	1258.17	1.79	0.66	1.66	0.68	0.63	-37.9
1266.00	0.40	92.70	1265.80	1.78	0.72	1.69	0.58	-0.39	-55.4
1277.52	0.50	87.20	1277.32	1.78	0.81	1.76	0.28	0.26	-14.3
1287.14	0.70	87.50	1286.94	1.78	0.91	1.84	0.62	0.62	0.9
1296.70	0.50	59.60	1296.50	1.81	1.00	1.93	1.09	-0.63	-87.6
1305.81	0.40	265.00	1305.61	1.82	1.00	1.94	2.89	-0.33	-509.1
1315.31	0.90	262.50	1315.11	1.81	0.90	1.85	1.58	1.58	-7.9
1324.84	0.90	262.90	1324.64	1.79	0.75	1.73	0.02	0.00	1.3
1334.42	0.70	288.40	1334.22	1.80	0.62	1.63	1.26	-0.63	79.9
1343.99	0.50	290.60	1343.78	1.83	0.52	1.58	0.63	-0.63	6.9
1353.06	0.60	312.50	1352.85	1.88	0.45	1.56	0.76	0.33	72.4
1362.62	0.30	336.40	1362.41	1.94	0.40	1.56	1.09	-0.94	75.0
1372.11	0.60	197.30	1371.90	1.91	0.38	1.52	2.69	0.95	-439.7
1381.26	0.90	201.70	1381.05	1.80	0.34	1.42	1.00	0.98	14.4
1388.78	0.90	186.10	1388.57	1.69	0.31	1.33	0.97	0.00	-62.2
1397.91	0.80	206.40	1397.70	1.56	0.27	1.22	1.04	-0.33	66.7
1407.55	0.40	203.00	1407.34	1.47	0.23	1.12	1.25	-1.24	-10.6
1416.75	0.40	208.10	1416.54	1.41	0.20	1.07	0.12	0.00	16.6
1426.30	0.40	172.70	1426.09	1.35	0.19	1.02	0.76	0.00	-111.2
1434.24	0.20	159.50	1434.03	1.30	0.20	1.00	0.79	-0.76	-49.9
1443.89	0.30	135.10	1443.68	1.27	0.22	0.99	0.45	0.31	-75.9
1453.40	0.30	107.60	1453.19	1.25	0.27	1.01	0.45	0.00	-86.8
1462.66	0.40	89.90	1462.45	1.24	0.32	1.05	0.47	0.32	-57.3
1472.23	0.60	101.40	1472.02	1.23	0.40	1.10	0.70	0.63	36.1

COMPUTALOG DRILLING SERVICES

Client : PARAMOUNT RESOURCES LTD.  
 Well Name : PARA ET AL MOUNT COTY I-02 NWT  
 Location : I-02/60-20-123-30 NWT

Page : 5 of 5  
 Date : 01/01/09  
 File : 11040C

Vertical Section Calculated Along Azimuth 49.75°

GR. ELEV. = 367.90m KB ELEV. = 372.95m

MD m	Inc deg	Azi deg	TVD m	Lat m	Dep m	V'Sect m	D'Leg °/30	Build °/30	Turn °/30
1481.82	1.00	97.10	1481.61	1.21	0.54	1.19	1.26	1.25	-13.5
1491.36	1.30	99.30	1491.15	1.18	0.73	1.32	0.95	0.94	6.9
1511.10	1.10	157.00	1510.88	0.97	1.02	1.41	1.78	-0.30	87.7
1527.00	1.30	136.90	1526.78	0.70	1.20	1.37	0.87	0.38	-37.9
1539.00	1.10	113.60	1538.78	0.55	1.40	1.43	1.31	-0.50	-58.2
1548.91	1.40	91.40	1548.68	0.51	1.61	1.56	1.71	0.91	-67.2
1558.05	1.70	82.20	1557.82	0.53	1.86	1.76	1.28	0.98	-30.2
1567.64	1.60	79.50	1567.41	0.57	2.13	1.99	0.40	-0.31	-8.4
1578.19	1.80	59.60	1577.95	0.68	2.42	2.28	1.76	0.57	-56.6
1585.97	2.10	57.00	1585.73	0.82	2.64	2.55	1.21	1.16	-10.0
1595.55	2.90	53.10	1595.30	1.06	2.98	2.96	2.56	2.51	-12.2
1605.10	3.30	54.70	1604.84	1.37	3.40	3.48	1.29	1.26	5.0
1614.66	3.60	48.10	1614.38	1.73	3.85	4.05	1.56	0.94	-20.7
1625.15	3.80	53.30	1624.85	2.15	4.37	4.73	1.12	0.57	14.9
1634.78	2.30	57.60	1634.46	2.45	4.79	5.24	4.72	-4.67	13.4
1644.36	0.90	35.30	1644.04	2.61	5.00	5.50	4.72	-4.38	-69.8
1655.70	0.50	36.00	1655.38	2.72	5.08	5.64	1.06	-1.06	1.9
1662.61	0.20	317.80	1662.29	2.76	5.09	5.66	2.17	-1.30	-339.5
1672.18	0.70	292.40	1671.86	2.79	5.02	5.64	1.65	1.57	-79.6
1681.80	1.80	297.60	1681.47	2.88	4.83	5.55	3.45	3.43	16.2
1691.19	2.60	285.50	1690.36	3.01	4.50	5.38	2.94	2.56	-38.7
1697.00	3.20	284.90	1696.66	3.09	4.21	5.21	3.10	3.10	-3.1
EXTRAPOLATED TD @ 1705.00m MD									
1705.00	3.20	284.90	1704.65	3.20	3.78	4.96	0.00	0.00	0.0

Bottom Hole Closure 4.95m Along Azimuth 49.75°

COMPUTALOG DRILLING SERVICES

**COMPLETION REPORT**

COMPANY: PARAMOUNT RESOURCES LIMITED  
WELL: PARA ET AL MOUNT COTY I-02 NWT  
LOCATION: I-02 60-20-123-30 NWT

FILE: 11040 C  
DATE: 01-01-09  
TYPE:

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**TOTAL DEPTH CO-ORDINATES**

RECTANGULAR

POLAR

MAGNETIC  
DECLINATION

LAT: 3.2 m

DEP: 3.78 m

4.95 m @ AZ: 49.75°

COMPLETED TVD: 1705 m

MEASURED DEPTH: 1704.65 m

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**WELL OFFSET CO-ORDINATES**

SURFACE:

SEC

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**COMMENTS:**

Completion Date: 2001-01-09

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**NOTE:** DISTANCES AND DEPTHS ARE IN METERS AND DECIMALS.  
INCLINATION AND DIRECTION ARE IN DECIMAL DEGREES.  
METHOD OF SURVEY CALCULATION IS MINIMUM CURVATURE.  
DOGLEG, BUILD AND TURN ARE IN °/30m INTERVALS.  
(-) VALUES INDICATE SOUTH FOR LATITUDE AND WEST FOR DEPARTURE.  
ALL DEPTHS ARE BASED UPON KB ELEVATION.