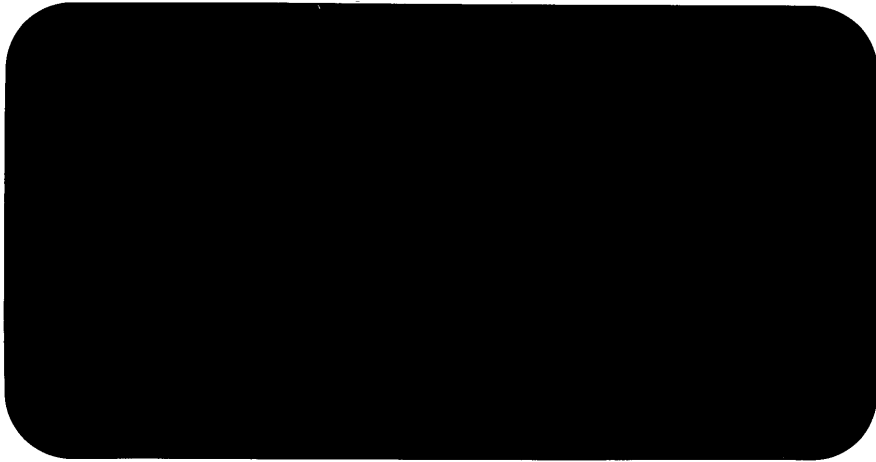


914698 001
(PAGE 1/22)



JOB NUMBER : AU0596G338

PETROLEUM DIVISION

ESSO AUSTRALIA LIMITED
Marlin Platform, Bass Strait
Well : Marlin A-06 (Re-Survey)
9 5/8" Casing Gyro Multishot
Survey date : 09 May 1996
Job number : AU0596G338

24 MAY 1996

JOB NUMBER : AU0596G338

CONTENTS

- 1.0 DISCUSSION AND SURVEY CERTIFICATION SHEET**
- 2.0 SURVEY DETAILS**
- 3.0 OUTRUN SURVEY LISTING**
- 4.0 QUALITY CONTROL**
 - 4.1 Quality Control Report**
 - Inrun / Outrun Q.C.**
 - Inrun Survey**
 - 4.2 Function Test**
- 5.0 EQUIPMENT AND CHRONOLOGICAL REPORT**
 - 5.1 Equipment Report**
 - 5.2 Chronological Report**

JOB NUMBER : AU0596G338

1.0 DISCUSSION AND SURVEY CERTIFICATION SHEET

JOB NUMBER : AU0596G338

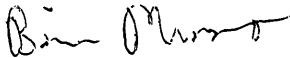
1.1 DISCUSSION

A Gyro Multi-shot re-survey was performed in Well MLA-06 in the 9 5/8" casing to a depth of 3200 metres. Gyro tool # 722 was run with a Schlumberger PGGT (CCL-GR) on 1/2" conducting wireline. A wireline stretch correction of +2.4 metres was added prior to performing the outrun survey. No operational problems were encountered.

JOB NUMBER : AU0596G338

1.2 SURVEY CERTIFICATION SHEET

The data for this survey and the calculations for this survey were obtained and performed by me according to the standards and procedures as set forth by Gyrodata Limited, and are true and correct to the best of my knowledge.



B.MUNRO
SURVEY ENGINEER

DATE : 13 MAY 1996

JOB NUMBER : AU0596G338

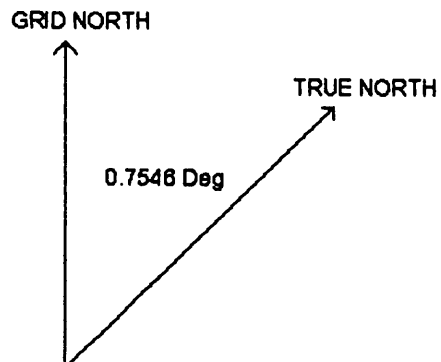
2.0 SURVEY DETAILS

JOB NUMBER : AU0596G338

2.1 SURVEY DETAILS

CLIENT : ESSO AUSTRALIA LIMITED
RIG : MARLIN PLATFORM
LOCATION : BASS STRAIT, AUSTRALIA
WELL : MLA-06
LATITUDE : -38.2318°S
LONGITUDE : 148.2194°E
SURVEY DATE : 09 MAY 1996
SURVEY TYPE : GYRO MULTISHOT OF 9 5/8" CASING (RE-SURVEY)
DEPTH REFERENCE : ORIGINAL R.K.B.
MAX. SURVEY DEPTH : 3200 m
SURVEY TIED ONTO : CASING HEAD FLANGE (9.53 m BELOW ORIGINAL R.K.B.)
SURVEY INTERVAL : INRUN 300 m / OUTRUN 30 m
SLOT CO-ORDINATES : N = 0.0 m
E = 0.0 m
TARGET DIRECTION : 158.00°
*** GRID CORRECTION :** 0.7546° EAST TO GRID NORTH
CALCULATION METHOD : MINIMUM CURVATURE
SURVEYOR : B.MUNRO

* Grid North is 0.7546 deg West of True North. Since the Gyrodata tool references itself to True North, in order to reference every azimuth to Grid North 0.7546 deg must be added to every directional reading. Gyrodata describe this as a positive or "East" correction.



JOB NUMBER : AU0596G338

3.0 OUTRUN SURVEY LISTING

914698 010

A G y r o d a t a D i r e c t i o n a l S u r v e y

for

ESSO AUSTRALIA LIMITED

Location: MARLIN PLATFORM, BASS STRAIT, WELL: MLA-6 RE-SURVEY

9 5/8" CASING RE-SURVEY - DEFINITIVE RESULTS

Job Number: AU0596G338

Run Date: 9-May-96 09:35:00

Surveyor: B.MUNRO

Calculation Method: MINIMUM CURVATURE

Survey Latitude: -38.231800 deg. S

Azimuth Corrected: 0.7546 deg East to Grid North

Proposed Well Direction: 158.000 deg

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

ESSO AUSTRALIA LIMITED

Page 1

Location: MARLIN PLATFORM, BASS STRAIT, WELL: MLA-6 RE-SURVEY

9 5/8" CASING RE-SURVEY - DEFINITIVE RESULTS

Job Number: AU0596G338

| MEASURED DEPTH meters | I N C L deg. | A Z I M U T H deg. | V E R T I C A L D E P T H meters | H O R I Z O N T A L C O O R D I N A T E S meters | V E R T I C A L S E C T I O N meters | D O G L E G S E V E R I T Y deg/30m |
|-----------------------------|-----------------|-----------------------|--|--|--|---|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.00 N | 0.00 E | 0.00 |

ALL DEPTHS REFERENCED TO ORIGINAL R.K.B. (9.53 m ABOVE C.H.F.)

A 2.4 METRE WIRELINE STRETCH CORRECTION WAS ADDED TO ALL
DEPTHS AFTER SCHLUMBERGER GR-CCL CORRELATION.

| | | | | | | | |
|--------|-------|--------|--------|----------|----------|-------|------|
| 120.0 | .41 | 120.76 | 120.0 | .22 S | .37 E | .3 | .10 |
| 150.0 | 1.14 | 101.74 | 150.0 | .33 S | .75 E | .6 | .76 |
| 180.0 | 3.74 | 95.05 | 180.0 | .48 S | 2.01 E | 1.2 | 2.62 |
| 210.0 | 5.57 | 102.75 | 209.9 | .89 S | 4.41 E | 2.5 | 1.93 |
| 240.0 | 7.27 | 103.39 | 239.7 | 1.65 S | 7.68 E | 4.4 | 1.70 |
| 270.0 | 8.49 | 103.32 | 269.4 | 2.60 S | 11.68 E | 6.8 | 1.22 |
| 300.0 | 9.45 | 103.61 | 299.0 | 3.69 S | 16.23 E | 9.5 | .96 |
| 330.0 | 11.75 | 105.30 | 328.5 | 5.07 S | 21.57 E | 12.8 | 2.32 |
| 360.0 | 13.75 | 105.56 | 357.8 | 6.84 S | 27.95 E | 16.8 | 2.01 |
| 390.0 | 15.61 | 107.17 | 386.8 | 8.98 S | 35.24 E | 21.5 | 1.90 |
| 420.0 | 18.01 | 109.08 | 415.5 | 11.69 S | 43.48 E | 27.1 | 2.46 |
| 450.0 | 19.76 | 111.07 | 443.9 | 15.03 S | 52.60 E | 33.6 | 1.87 |
| 480.0 | 21.89 | 112.71 | 471.9 | 19.01 S | 62.49 E | 41.0 | 2.21 |
| 510.0 | 24.04 | 113.11 | 499.6 | 23.57 S | 73.27 E | 49.3 | 2.16 |
| 540.0 | 26.22 | 113.58 | 526.7 | 28.62 S | 84.97 E | 58.4 | 2.19 |
| 570.0 | 28.77 | 113.98 | 553.3 | 34.21 S | 97.64 E | 68.3 | 2.55 |
| 600.0 | 31.21 | 114.32 | 579.3 | 40.35 S | 111.32 E | 79.1 | 2.45 |
| 630.0 | 32.91 | 114.35 | 604.7 | 46.91 S | 125.82 E | 90.6 | 1.70 |
| 660.0 | 33.59 | 113.97 | 629.8 | 53.64 S | 140.83 E | 102.5 | .72 |
| 690.0 | 34.13 | 113.65 | 654.7 | 60.39 S | 156.12 E | 114.5 | .56 |
| 720.0 | 34.59 | 113.85 | 679.5 | 67.21 S | 171.62 E | 126.6 | .48 |
| 750.0 | 35.01 | 114.06 | 704.1 | 74.16 S | 187.27 E | 138.9 | .43 |
| 780.0 | 35.27 | 114.62 | 728.7 | 81.27 S | 203.00 E | 151.4 | .41 |
| 810.0 | 35.46 | 115.21 | 753.1 | 88.59 S | 218.75 E | 164.1 | .39 |
| 840.0 | 35.53 | 115.79 | 777.6 | 96.09 S | 234.47 E | 176.9 | .34 |
| 870.0 | 35.62 | 116.11 | 802.0 | 103.72 S | 250.16 E | 189.9 | .21 |
| 900.0 | 35.81 | 117.10 | 826.3 | 111.57 S | 265.81 E | 203.0 | .61 |
| 930.0 | 35.98 | 117.73 | 850.6 | 119.67 S | 281.43 E | 216.4 | .41 |
| 960.0 | 35.91 | 118.59 | 874.9 | 127.98 S | 296.95 E | 229.9 | .51 |
| 990.0 | 36.20 | 119.49 | 899.2 | 136.55 S | 312.39 E | 243.6 | .60 |
| 1020.0 | 34.99 | 120.61 | 923.5 | 145.29 S | 327.51 E | 257.4 | 1.38 |
| 1050.0 | 35.60 | 120.65 | 948.0 | 154.12 S | 342.42 E | 271.2 | .62 |
| 1080.0 | 35.58 | 121.09 | 972.4 | 163.08 S | 357.41 E | 285.1 | .26 |
| 1110.0 | 35.38 | 121.96 | 996.9 | 172.18 S | 372.25 E | 299.1 | .54 |
| 1140.0 | 35.23 | 122.24 | 1021.3 | 181.40 S | 386.94 E | 313.1 | .23 |
| 1170.0 | 35.07 | 122.85 | 1045.9 | 190.69 S | 401.49 E | 327.2 | .38 |
| 1200.0 | 34.78 | 123.60 | 1070.5 | 200.10 S | 415.86 E | 341.3 | .52 |

A Gyrodata Directional Survey

ESSO AUSTRALIA LIMITED

Page 2

Location: MARLIN PLATFORM, BASS STRAIT, WELL: MLA-6 RE-SURVEY

9 5/8" CASING RE-SURVEY - DEFINITIVE RESULTS

Job Number: AU0596G338

| MEASURED DEPTH meters | I N C L deg. | A Z I M U T H deg. | V E R T I C A L DEPTH meters | H O R I Z O N T A L C O O R D I N A T E S meters | V E R T I C A L SECTION meters | D O G L E G SEVERITY deg/30m |
|-----------------------------|-----------------|-----------------------|------------------------------------|--|--------------------------------------|------------------------------------|
| 1230.0 | 35.32 | 124.16 | 1095.0 | 209.70 S | 430.16 E | .63 |
| 1260.0 | 36.88 | 125.49 | 1119.3 | 219.80 S | 444.67 E | 1.74 |
| 1290.0 | 39.03 | 127.17 | 1142.9 | 230.73 S | 459.53 E | 2.38 |
| 1320.0 | 39.97 | 128.65 | 1166.1 | 242.46 S | 474.58 E | 1.33 |
| 1350.0 | 40.29 | 128.71 | 1189.0 | 254.54 S | 489.67 E | .32 |
| 1380.0 | 40.61 | 128.57 | 1211.8 | 266.69 S | 504.88 E | .34 |
| 1410.0 | 40.77 | 128.95 | 1234.6 | 278.94 S | 520.13 E | .30 |
| 1440.0 | 41.06 | 129.19 | 1257.3 | 291.32 S | 535.38 E | .33 |
| 1470.0 | 41.04 | 129.46 | 1279.9 | 303.81 S | 550.62 E | .18 |
| 1500.0 | 41.02 | 129.84 | 1302.5 | 316.37 S | 565.79 E | .25 |
| 1530.0 | 41.25 | 130.04 | 1325.1 | 329.04 S | 580.92 E | .26 |
| 1560.0 | 41.44 | 129.72 | 1347.6 | 341.75 S | 596.13 E | .28 |
| 1590.0 | 41.68 | 130.19 | 1370.1 | 354.53 S | 611.38 E | .40 |
| 1620.0 | 42.39 | 130.22 | 1392.4 | 367.50 S | 626.72 E | .71 |
| 1650.0 | 43.35 | 130.12 | 1414.4 | 380.66 S | 642.32 E | .96 |
| 1680.0 | 43.39 | 131.70 | 1436.2 | 394.15 S | 657.89 E | 1.09 |
| 1710.0 | 43.15 | 132.01 | 1458.0 | 407.87 S | 673.20 E | .32 |
| 1740.0 | 42.62 | 131.74 | 1480.0 | 421.50 S | 688.41 E | .56 |
| 1770.0 | 40.05 | 131.88 | 1502.5 | 434.71 S | 703.17 E | 2.57 |
| 1800.0 | 38.57 | 131.55 | 1525.7 | 447.36 S | 717.36 E | 1.50 |
| 1830.0 | 37.38 | 132.50 | 1549.4 | 459.71 S | 731.07 E | 1.32 |
| 1860.0 | 38.37 | 131.61 | 1573.0 | 472.05 S | 744.75 E | 1.13 |
| 1890.0 | 38.64 | 131.81 | 1596.5 | 484.47 S | 758.69 E | .30 |
| 1920.0 | 39.47 | 131.93 | 1619.8 | 497.09 S | 772.77 E | .84 |
| 1950.0 | 39.40 | 131.89 | 1643.0 | 509.82 S | 786.95 E | .08 |
| 1980.0 | 40.31 | 131.75 | 1666.0 | 522.64 S | 801.28 E | .91 |
| 2010.0 | 41.26 | 131.48 | 1688.7 | 535.65 S | 815.93 E | .96 |
| 2040.0 | 40.92 | 131.48 | 1711.3 | 548.71 S | 830.70 E | .34 |
| 2070.0 | 41.19 | 131.60 | 1734.0 | 561.78 S | 845.45 E | .28 |
| 2100.0 | 41.67 | 131.34 | 1756.5 | 574.92 S | 860.32 E | .51 |
| 2130.0 | 42.65 | 131.12 | 1778.7 | 588.19 S | 875.47 E | .99 |
| 2160.0 | 42.92 | 131.06 | 1800.7 | 601.59 S | 890.83 E | .27 |
| 2190.0 | 42.73 | 131.16 | 1822.7 | 614.99 S | 906.19 E | .21 |
| 2220.0 | 43.14 | 131.56 | 1844.7 | 628.50 S | 921.53 E | .50 |
| 2250.0 | 42.36 | 131.23 | 1866.7 | 641.96 S | 936.80 E | .82 |
| 2280.0 | 41.16 | 131.19 | 1889.1 | 655.13 S | 951.83 E | 1.19 |
| 2310.0 | 39.54 | 131.84 | 1912.0 | 668.00 S | 966.38 E | 1.67 |
| 2340.0 | 37.85 | 131.73 | 1935.4 | 680.49 S | 980.36 E | 1.69 |
| 2370.0 | 37.28 | 131.93 | 1959.1 | 692.69 S | 993.99 E | .58 |
| 2400.0 | 36.39 | 132.33 | 1983.2 | 704.75 S | 1007.33 E | .92 |
| 2430.0 | 35.90 | 132.20 | 2007.4 | 716.66 S | 1020.42 E | .49 |
| 2460.0 | 35.77 | 132.48 | 2031.7 | 728.49 S | 1033.41 E | .21 |

A Gyrodata Directional Survey

ESSO AUSTRALIA LIMITED

Page 3

Location: MARLIN PLATFORM, BASS STRAIT, WELL: MLA-6 RE-SURVEY

9 5/8" CASING RE-SURVEY - DEFINITIVE RESULTS

Job Number: AU0596G338

| MEASURED DEPTH meters | I N C L deg. | A Z I M U T H deg. | V E R T I C A L DEPTH meters | H O R I Z O N T A L C O O R D I N A T E S meters | V E R T I C A L SECTION meters | D O G L E G SEVERITY deg/30m |
|-----------------------------|-----------------|-----------------------|------------------------------------|--|--------------------------------------|------------------------------------|
| 2490.0 | 35.57 | 132.49 | 2056.1 | 740.30 S 1046.31 E | 1078.3 | .20 |
| 2520.0 | 34.47 | 132.19 | 2080.6 | 751.90 S 1059.03 E | 1093.9 | 1.11 |
| 2550.0 | 33.23 | 131.90 | 2105.6 | 763.09 S 1071.44 E | 1108.9 | 1.25 |
| 2580.0 | 32.85 | 132.15 | 2130.7 | 774.04 S 1083.60 E | 1123.6 | .40 |
| 2610.0 | 32.22 | 132.22 | 2156.0 | 784.87 S 1095.55 E | 1138.1 | .63 |
| 2640.0 | 31.41 | 132.67 | 2181.5 | 795.55 S 1107.22 E | 1152.4 | .84 |
| 2670.0 | 29.30 | 133.13 | 2207.4 | 805.87 S 1118.33 E | 1166.1 | 2.13 |
| 2700.0 | 27.55 | 133.90 | 2233.8 | 815.70 S 1128.69 E | 1179.1 | 1.79 |
| 2730.0 | 25.89 | 134.11 | 2260.6 | 825.07 S 1138.39 E | 1191.4 | 1.66 |
| 2760.0 | 24.46 | 135.44 | 2287.7 | 834.05 S 1147.45 E | 1203.2 | 1.54 |
| 2790.0 | 23.88 | 136.02 | 2315.1 | 842.85 S 1156.03 E | 1214.5 | .63 |
| 2820.0 | 23.12 | 137.26 | 2342.6 | 851.55 S 1164.24 E | 1225.7 | .90 |
| 2850.0 | 22.17 | 138.09 | 2370.3 | 860.08 S 1172.02 E | 1236.5 | 1.01 |
| 2880.0 | 21.35 | 139.07 | 2398.1 | 868.42 S 1179.38 E | 1247.0 | .90 |
| 2910.0 | 20.59 | 139.49 | 2426.1 | 876.56 S 1186.38 E | 1257.2 | .77 |
| 2940.0 | 20.02 | 140.42 | 2454.3 | 884.53 S 1193.08 E | 1267.1 | .66 |
| 2970.0 | 19.30 | 141.40 | 2482.5 | 892.36 S 1199.45 E | 1276.7 | .79 |
| 3000.0 | 18.57 | 142.71 | 2510.9 | 900.04 S 1205.43 E | 1286.1 | .84 |
| 3030.0 | 17.08 | 143.37 | 2539.5 | 907.37 S 1210.96 E | 1294.9 | 1.51 |
| 3060.0 | 16.01 | 144.52 | 2568.2 | 914.28 S 1215.99 E | 1303.2 | 1.11 |
| 3090.0 | 15.10 | 146.33 | 2597.1 | 920.90 S 1220.56 E | 1311.1 | 1.03 |
| 3120.0 | 14.72 | 148.09 | 2626.1 | 927.39 S 1224.74 E | 1318.7 | .59 |
| 3150.0 | 13.34 | 148.95 | 2655.2 | 933.59 S 1228.54 E | 1325.8 | 1.40 |
| 3180.0 | 12.53 | 149.68 | 2684.5 | 939.36 S 1231.96 E | 1332.5 | .82 |
| 3200.0 | 11.47 | 150.88 | 2704.0 | 942.97 S 1234.03 E | 1336.6 | 1.64 |

Final Station Closure: Distance: 1553.07 m Az: 127.38 deg.

JOB NUMBER : AU0596G338

4.0 QUALITY CONTROL

JOB NUMBER : AU0596G338

4.1 QUALITY CONTROL REPORT

TOOL NUMBER : 722
MAXIMUM GYRO TEMPERATURE : 84.35 °C
MAXIMUM AMBIENT TEMPERATURE : 96.41 °C
MAXIMUM INCLINATION : 43.39 °
AVERAGE AZIMUTH : 127.38°
WIRELINE REZERO VALUE : 1.7 m
REZERO ERROR / K : 0.5 m/K

CALIBRATION USED FOR FIELD SURVEY : 28 MARCH 1996
CALIBRATION TEMPERATURES: 75.50, 79.74, 85.33°C
CALIBRATION USED FOR FINAL SURVEY : 28 MARCH 1996

BOTTOM LINE COMPARISONS

| | M.D. | INC | AZIMUTH | TVD | NORTHING | EASTING |
|---|------|-------|---------|---------|----------|---------|
| GYRO SURVEY | 3200 | 11.47 | 150.88 | 2704.0 | -942.97 | 1234.03 |
| PREVIOUS SURVEY DATA (INTERPOLATED) | 3200 | 11.96 | 151.43 | 2702.84 | -982.86 | 1205.02 |

TVD DIFFERENCE : 1.16 METRES (0.36 m/K)

LATERAL DIFFERENCE : 49.32 METRES (15.41 m/K)

Quality Control Comparisons

ESSO AUSTRALIA LIMITED

Location: MARLIN PLATFORM, BASS STRAIT, WELL: MLA-6 RE-SURVEY
9 5/8" CASING RE-SURVEY - QC COMPARISON

Job Number : AU0596G338 / AU0596G338

INRUN/OUTRUN Comparison

| Depth | INRUN Inc | OUTRUN Inc | Delta | INRUN Az | OUTRUN Az | Delta |
|--------|--------------|---------------|-------|-------------|--------------|-------|
| 300.0 | 9.45 | 9.45 | -.001 | 103.73 | 103.61 | .122 |
| 600.0 | 31.15 | 31.21 | -.059 | 114.21 | 114.32 | -.110 |
| 900.0 | 35.71 | 35.81 | -.098 | 117.33 | 117.10 | .230 |
| 1200.0 | 34.71 | 34.78 | -.070 | 123.64 | 123.60 | .040 |
| 1500.0 | 40.93 | 41.02 | -.090 | 129.75 | 129.84 | -.089 |
| 1800.0 | 38.38 | 38.57 | -.185 | 131.72 | 131.55 | .168 |
| 2100.0 | 41.61 | 41.67 | -.063 | 131.47 | 131.34 | .125 |
| 2400.0 | 36.44 | 36.39 | .051 | 132.57 | 132.33 | .236 |
| 2700.0 | 27.47 | 27.55 | -.084 | 133.87 | 133.90 | -.027 |
| 3000.0 | 18.52 | 18.57 | -.059 | 142.36 | 142.71 | -.352 |

For Inclinations Greater than 5 degrees:

Average Inclination Difference = -.0659 deg.

Average Azimuth Difference = .03429 deg.

914698 017

A Gyrodata Directional Survey

for

ESSO AUSTRALIA LIMITED

Location: MARLIN PLATFORM, BASS STRAIT, WELL: MLA-6 RE-SURVEY

9 5/8" CASING RE-SURVEY - INRUN RESULTS

Job Number: AU0596G338

Run Date: 9-May-96 09:35:00

Surveyor: B.MUNRO

Calculation Method: MINIMUM CURVATURE

Survey Latitude: -38.231800 deg. S

Azimuth Corrected: 0.7546 deg East to Grid North

Proposed Well Direction: 158.000 deg

A Gyrodata Directional Survey

ESSO AUSTRALIA LIMITED

Page 1

Location: MARLIN PLATFORM, BASS STRAIT, WELL: MLA-6 RE-SURVEY

9 5/8" CASING RE-SURVEY - INRUN RESULTS

Job Number: AU0596G338

| MEASURED DEPTH meters | I N C L deg. | AZIMUTH deg. |
|-----------------------------|-----------------|-----------------|
|-----------------------------|-----------------|-----------------|

INRUN RESULTS

| | | |
|--------|-------|--------|
| 300.0 | 9.45 | 103.73 |
| 600.0 | 31.15 | 114.21 |
| 900.0 | 35.71 | 117.33 |
| 1200.0 | 34.71 | 123.64 |
| 1500.0 | 40.93 | 129.75 |
| 1800.0 | 38.38 | 131.72 |
| 2100.0 | 41.61 | 131.47 |
| 2400.0 | 36.44 | 132.57 |
| 2700.0 | 27.47 | 133.87 |
| 3000.0 | 18.52 | 142.36 |

JOB NUMBER : AU0596G338

4.2 FUNCTION TEST

5 Survey stations were collected at the measured depth shown below. The tables show the repeatability of the gyro tool in both inclination and azimuth at one measured depth.

INCLINATION

| M.D. m | 1 | 2 | 3 | 4 | 5 |
|--------|-------|-------|-------|-------|-------|
| 3200 | 11.48 | 11.47 | 11.45 | 11.47 | 11.47 |

AZIMUTH

| M.D. m | 1 | 2 | 3 | 4 | 5 |
|--------|--------|--------|--------|--------|--------|
| 3200 | 150.78 | 150.80 | 150.89 | 150.87 | 150.88 |

JOB NUMBER : AU0596G338

5.0 EQUIPMENT AND CHRONOLOGICAL REPORT

JOB NUMBER : AU0596G338

5.1 EQUIPMENT REPORT**DOWNHOLE ELECTRONICS****SURFACE ELECTRONICS****PRIMARY**

| | | | |
|---------------|-------|--------------|-------|
| TOOL No. | 722 | COMPUTER | A0270 |
| GYRO SECTION | A0017 | POWER SUPPLY | A0104 |
| DATA SECTION | C0004 | PRINTER | A0021 |
| POWER SECTION | C0002 | INTERFACE | A0013 |

BACKUP

| | | | |
|---------------|-------|--------------|-------|
| TOOL No. | 729 | COMPUTER | A0200 |
| GYRO SECTION | A0046 | POWER SUPPLY | A0026 |
| DATA SECTION | C0002 | PRINTER | A0117 |
| POWER SECTION | C0021 | INTERFACE | A0068 |

WIRELINE COMPANY : SCHLUMBERGER

CABLE SIZE : 1/2"

RUNNING GEAR

Snub nose, sinker bar, gyro heat-shield barrel, pressure barrel, wear bushings, spring bow decentraliser.

TOTAL LENGTH OF TOOL : 4.43 m

MAXIMUM O.D. : 3.7 inches

TOTAL WEIGHT OF TOOL : 110 kg

JOB NUMBER : AU0596G338

5.2 CHRONOLOGICAL REPORT

04 May 1996

10:00 Gyrodata Engineer B.Munro transfers from Fortescue Platform to Marlin Platform.

13:00 Comence equipment check.

15:30 All tools checked, OK.
Stand-by.

09 May 1996

06:00 Rig up tool #722.

09:15 Rig up Schlumberger.

09:30 Zero gyro at Rotary Table, and run in hole.

11:10 Turn off Gyro Tool and commence Schlumberger GR-CCL correlation run.

11:30 Turn Gyro Tool on and run in hole to 3200 metres add a + 2.5 metre stretch correction to depth prior to commencing outrun survey.

12:00 Schlumberger check GR-CCL correlation.

12:20 Continue outrun survey.

16:00 Complete outrun.

16:20 Re-zero tool at rotary table, wireline odometer reading +1.7 metres.

16:30 Lay-out tool and power down.

17:00 Complete rig-down.

19:00 Present field results to company representative.

10 May 1996

10:50 Depart Marlin Platform.