

Regulatory Announcement

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Company Mediterranean Oil & Gas Plc
TIDM MOG
Headline Resources Update
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MEDITERRANEAN OIL & GAS PLC ("the Company" or "MOG")

10 May 2006

UPDATE OF PROSPECTIVE RESOURCES AND OIL IN PLACE ON MALTA PROSPECTS

The Board of Mediterranean Oil & Gas Plc (AIM: MOG) is pleased to announce today a further update to the resource estimates for the Company's Maltese acreage.

RPS, the Company's Competent Person, has provided an updated report on the exploration potential of the Company's Area 4 ground. In their report, RPS have identified an additional six prospects based upon interpretation of the regional seismic grid.

RPS' updated study included a review of the volumetric estimation of the prospective resources and oil in place on both the prospects identified in the Competent Person's Report which was contained within the Company's Admission Document and new prospects within Blocks 4, 5, 6 and 7.

Volumetric Appraisal of Prospect Inventory Using a Metlaoui Analogue

| | STOIPP (MMbbl) | | | Prospective Resources (MMbbl) | | |
|-----------|----------------|------------|------------|-------------------------------|------------|------------|
| | Low (P90) | Best (P50) | High (P10) | Low (P90) | Best (P50) | High (P10) |
| Hagar Qim | 48 | 241 | 724 | 11 | 58 | 203 |
| Skorba | 32 | 71 | 148 | 7 | 18 | 43 |

Volumetric Appraisal of Tarxien Prospect Using an Intisar Analogue

| | STOIPP (MMbbl) | | | Prospective Resources (MMbbl) | | |
|---------|----------------|------------|------------|-------------------------------|------------|------------|
| | Low (P10) | Best (P50) | High (P10) | Low (P90) | Best (P50) | High (P10) |
| Tarxien | 153 | 295 | 499 | 57 | 115 | 207 |

The more significant of the new prospects fall outside of the area covered by 3-D seismic. Consequently further work needs to be done to assess these prospects and in particular to establish the degree of fault seal risk and the potential access to the main predicted mature kitchen. A volumetric appraisal of the new prospects was prepared by RPS utilising a Metlaoui analogue.

New Prospects – Volumetric Appraisal Using a Metlaoui Analogue

| Prospect | STOIPP (MMbbl) | | | Prospective Resources (MMbbl) | | |
|----------|----------------|------------|------------|-------------------------------|------------|------------|
| | Low (P90) | Best (P50) | High (P10) | Low (P90) | Best (P50) | High (P10) |
| Luzzu | 287 | 2420 | 6860 | 66 | 605 | 1980 |
| A | 330 | 756 | 1560 | 74 | 197 | 470 |

| | | | | | | |
|-------------------------------|-------|-------|--------|-----|-------|-------|
| B | 113 | 297 | 671 | 26 | 77 | 200 |
| C | 390 | 1630 | 3890 | 93 | 405 | 1111 |
| D | 3 | 9 | 32 | 1 | 2 | 9 |
| E | 14 | 26 | 48 | 2 | 7 | 14 |
| TOTAL FOR NEW PROSPECTS | 1,137 | 5,138 | 13,061 | 262 | 1,293 | 3,784 |

Two smaller prospects (denominated "D" and "E") lie within the area that has been subjected to 3-D seismic. The remaining new prospects (Luzzu, A, B and C) are outside of the 3-D seismic area and consist of large wedge closure between intersecting faults in the case of the Luzzu prospect and three narrow horst structures in the case of prospects A, B and C. In addition, 2 wedge closures similar to the Luzzu prospect are visible close to the north west and south west corners of a 3-D survey area but are less well defined and smaller, hence they have been considered leads rather than prospects and have not presently been evaluated.

An additional academic regional study prepared for the Company supports the presence of a working hydrocarbon system in the region and is consistent with the specific findings in the work performed by RPS. This regional study concluded there are favourable conditions for hydrocarbon accumulation within the Company's concession. The most attractive zone is localised within the Melita – Medina Graben which separates the Medina Bank from the northern extension of the Melita Bank. The Stratigraphic and structural setting of the Graben makes it particularly prospective.

QUALIFIED PERSON

Giovanni Catalano (a Director of the Company) has had over twenty-five years in the upstream oil and gas industry with the last position held in Woodside Energy Pty Ltd, Perth, Western Australia as Business Development Manager – Far East. Prior to Woodside (seven years), Mr Catalano was with AGIP (nine years) and LASMO International (eleven years). He is a former Director of Woodside Energy UK and AGIP Mauritania BV companies and former Chairman of Woodside Energias SA in Spain. He has compiled, read and approved the technical disclosure in this regulatory announcement. The RPS report and the technical disclosure in this announcement complies with the SPE/WPC standard.

GLOSSARY

| | |
|----------|---|
| BBstb | Billion stock tank barrels |
| MMstb | Million stock tank barrels |
| scm/Mscm | Standard cubic meters per Million stock tank cubic meters |
| SPE/WPC | Society of Petroleum Engineers/World Petroleum Congress |
| STOIIP | stock tank oil initially in place |
| scm/d | Standard cubic meters per day |

ENDS

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