

A small List of Operating Oil and Gas Fields in Myanmar by production level, Locations and Operator



#### **A-1 and A-3 offshore gas fields**

Operated by Daewoo, ONGC, GAIL and KOGAS.

**Location:** Offshore Rakhine State.

**Size:** The A-1 block is 3885-square-kilometres and the A-3 block is 6780-square-kilometres.

**Reserves:** Combined gas reserves of 5 trillion cubic feet (TCF).

**Production:** Production from both gas fields is expected to begin in 2009 or 2010.

**History:** The A-1 block was discovered in January 2004, by Daewoo. The block A-3 was located in January 2006,

#### **Yadana offshore gas project**

Operated by Total, Myanmar Unocal, PTTEP, MOGE.

**Location:** The Yadana project incorporates the M-5 and M-6 offshore blocks in the Mottama Gulf.

**Reserves:** 6.5TCF.

**Production:** The project exports 600 million cubic feet of gas per day (mmcf) to Thailand, while another 125mmcf is diverted for domestic use.

**History:** MOGE discovered the Yadana gas field, which provides a large chunk of the nation's energy needs, in 1982. Gas exports from the field to Thailand, via a pipeline, started in 1998.

#### **Yetagun offshore gas project**

Operated by Petronas, MOGE, PTTEP and Nippon

**Location:** M-12, M-13, M-14 offshore blocks, Mottama Gulf.

**Reserves:** 3.2TCF.

**Production:** 400mmcf.

**History:** Discovered by Texaco (US) in 1992. Ownership changed to Premier in 1997 and then Petronas took over in 2002.

### **M-9 offshore block**

Operated by PTTEP.

**Location:** Mottama Gulf, about 300 kilometres south of Yangon.

**Reserves:** The reserves from this block are still being assessed.

**Production:** Gas is expected to start flowing from the field in 2011 or 2012.

**History:** Commercial gas reserves were discovered by PTTEP in the M-9 block earlier this year. The M-9 block was partially explored by a US firm, Arco Oil Co, a decade ago.

### **Nyaungdon onshore gas field**

Operated by MOGE.

**Location:** About 34 miles (54.4km) northwest of Yangon.

**Size:** At 3.5 miles (5.6km) long and 1.5 miles (2.4km) wide, the Nyaungdon gas field is the biggest onshore gas field.

**Reserves:** Accumulative gas reserves are rated at 297 billion cubic feet (BCF); 117BCF (39.7pc) had been extracted by October 2005.

**Production:** 80mmcf/d.

**Highest production:** In October 2005, Nyaungdon produced some 104.95mmcf/d.

**History:** The gas field was discovered by MOGE in 1999.

### **Apyauk onshore gas field**

Operated by MOGE.

**Location:** The Apyauk gas field is located within the Taikgyi and Zalun townships in Yangon division.

**Size:** It is 10 miles (16km) long and 3 miles (4.8km) wide.

**Reserves:** Accumulative gas reserves for this block are estimated at 483 million cubic feet (MCF); 307MCF had been removed by October 2005. Recoverable reserves stand at 54MCF.

**Production:** 9mmcf/d.

**Highest production:** 214mmcf/d.

**History:** Discovered in 1991 by MOGE.

### **Shwepyitha oil and gas field**

Operated by MOGE.

**Location:** Myanaung township, Ayeyarwady Division.

**Size:** It is 4 miles (6.4km) long and 1.5 miles (2.4km) wide.

**Reserves:** The accumulative gas reserves at the field are 128MCF, while accumulative oil reserves are 10.85 million barrels.

**Production:** The Shwepyitha field produces 0.29mmcf/d of gas and 372 barrels per day (bpd) of oil.

**Highest production:** A figure of 977bpd was produced in 1991.

**History:** It was discovered by MOGE in 1967.

### **Myanaung oilfield**

Operated by MOGE.

**Location:** Myanaung township, Ayeyarwady Division.

**Size:** 5 miles (8km) long and 1.5 miles (2.4km) wide.

**Reserves:** Accumulative oil reserves stand at 76.46 million barrels and 23.03 million barrels (30.12pc) had been extracted by October, 2005. Recoverable oil reserves stand at 671,000 barrels.

**Production:** It produces 51bpd and flows 0.274mmcf of gas.

**Highest production:** Production of 8908bpd was recorded during 1969.

**History:** It was discovered in 1964.

### **Pyitaung Tan oilfield**

Operated by CNPC.

**Location:** Shwetaung township, Bago Division.

**Size:** 30 miles (48km) long and 5 miles (8km) wide.

**Reserves:** The accumulative oil reserves stand at 49.7 million barrels and 12.04 million barrels (24pc) had been produced by October 2005. Recoverable reserves at the Pyitaung Tan stand at 2.856 million barrels.

**Production:** Production of oil from the field is 201bpd.

**Highest production:** A maximum of 2435bpd were extracted from the field in 1970.

**History:** It was discovered by MOGE in 1964. An Improved Petroleum Recovery (IPR) contract was signed between MOGE and Chinese firm CNPC to boost production in December 2001.

### **Kanni oilfield**

Operated by Focus Energy Ltd.

**Location:** Minbu SaKu township, Magwe Division.

**Size:** 3 miles (4.8km) long and 1 mile (1.6km) wide.

**Reserves:** Accumulative oil reserves in the field are 55.6 million barrels and 13.5 million barrels (24.28pc) had been produced by October 2005. Recoverable oil reserves at the field are 2.99 million barrels.

**Production:** Kanni produces 1934bpd and flows 1.9 mmcf of gas.

**Highest production:** Peak oil production of 3535bpd was reached in 1992.

**History:** The oilfield was discovered in 1985. A Modified Performance Compensation contract was signed between Focus Energy Limited and MOGE to increase production in July 1997.

### **Htaukshabin oilfield**

Operated by Focus Energy Ltd.

**Location:** Minbu SaKu township, Magwe Division.

**Size:** 9 miles (14.4km) long and 1 mile (1.6km) wide.

**Reserves:** Accumulative oil reserves at the field were 157.3 million barrels and 21.8 million barrels (13.9pc) had been extracted by October 2005. Recoverable reserves are 7.7 million barrels.

**Production:** Daily oil production is 607 barrels.

**Highest production:** Peak production was a massive 10,359bpd that was reached during 1986.

**History:** The oilfield was discovered in 1978 by MOGE. A Modified Performance Compensation contract was signed between Focus Energy Ltd and MOGE in July, 1997, to boost oil production.

### **Letpando oilfield**

Operated by MOGE.

**Location:** Pauk township, Magwe Division.

**Size:** 17 miles (27.2km) long and 1.5 miles (2.4km) wide

**Reserves:** Accumulative oil reserves at Letpando oilfield were 76.7 million barrels and 2.3 million barrels (2.96pc) had been extracted by December 2005. The recoverable reserves at the field are 20 million barrels.

**Production:** 668bpd.

**Highest production:** The highest number of barrels extracted from the field in a day was 1155, which happened in 1998.

**History:** The oilfield was found by MOGE in 1997.

### **Thargyitaung oilfield**

Operated by MOGE.

**Location:** Pauk township, Magwe Division.

**Size:** 15 miles (24km) long and 3 miles (4.8km) wide.

**Reserves:** Accumulative oil reserves in the field were 137.8 million barrels in 2005 and 1.6 million barrels (1.2pc) had been extracted by October that year. Recoverable oil reserves stand at 38.84 million barrels. Accumulative gas reserves were 634.5MCF, of which 15.50MCF had been extracted by October 2005. Recoverable gas reserves are 492.10MCF.

**Production:** Daily production is 439bpd of oil and 16.33mmcf of gas.

**Highest production:** The maximum number of oil barrels extracted from the site was 2057, which happened in 2004.

**History:** The oilfield was discovered in 2000 by MOGE.

### **Chauk-Lan Ywar oilfield**

Operated by MOGE.

**Location:** Chauk-Lan Ywar oilfield is located in Chauk township, Magwe Division.

**Size:** 10 miles (16km) long and 1 mile (1.6km) wide.

**Reserves:** Accumulative oil reserves in Chauk-Lan Ywar oilfield were 400.4 million barrels and 149.3 (37.29pc) million barrels had been extracted by October 2005. Recoverable reserves stand at 2.85 million barrels.

**Production:** Average daily production at the site is 541bpd.

**Highest production:** Peak production was 12,805bpd in 1914.

**History:** The oilfield was discovered in 1901. An IPR contract was signed between MOGE and Goldpetrol Company in October, 1996, to increase production at the Chauk-Lan Ywar Oilfield.

### **Yenangyaung oilfield**

Operated by Goldpetrol.

**Location:** Yenangyaung township, Magwe Division.

**Size:** 20 miles (32km) long and 2 miles (3.2km) wide.

**Reserves:** Accumulative oil reserves in the field were 540 million barrels and 229.37 million barrels (42.5pc) had been removed by October 2005. Recoverable oil reserves are 22 million barrels.

**Production:** 1810 barrels per day.

**Highest production:** In 1918 the field yielded some 16,000bpd.

**History:** It was discovered in 1887. An Improved Petroleum Recovery contract was signed between MOGE and Gold Water Co. Ltd. in 1996 to increase oil production from the site.