



# Offshore Rig Monthly

Market intelligence on the global offshore drilling business

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**This Issue:**

Badger Explorer: A threat to conventional drilling rigs?

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March 2008

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## Badger Explorer: A threat to conventional drilling rigs?

*Carina Notenbaert, Managing Editor*

A new concept in technology currently being developed could revolutionize the exploration drilling industry, and, if successful, could ultimately do away with conventional drilling rigs in some exploration situations. The pioneering concept, called Badger Explorer, is a joint industry project that consists of a 20 meter-long drilling tool packed with logging sensors. The tube-like device is positioned on the seabed, drills into the underground, and then buries itself in the sub-soil, while transmitting reservoir data signals to the surface. The premise is that this method will substantially lower the risk, cost and complexity of hydrocarbon exploration operations compared to those of a conventional drilling rig.

The idea was first formed in 1999 by the Rogaland Research Institute in Norway. Since its launch in 2005 the project has been supported by major oil companies, with funding and cooperation secured from ExxonMobil, Shell, Statoil, and the Norwegian Research Council.

The tool consists of a drill bit that is driven by an electrical motor powered from the surface through a cable that is attached to a seabed template. As it drills, seismic data is gathered and sent to the surface through the combined power and signal umbilical. Additionally, the crushed formation cuttings are transported through the tool, and pushed into the formation, filling the void behind the unit. This environmentally friendly solution eliminates the discharge of chemicals or drill cuttings.

The Badger Explorer is designed to drill to 10,000 ft. The size of the borehole will be 8.5 inches in diameter, and depending on the rock formation it will take the unit two to six months to drill to full depth. A conventional drilling rig would only take a fraction of that time, however, the argument supporting use of the Badger Explorer is that a possible 10 wells can be drilled with this method for the price of one conventional exploration well. The idea is to place a number of the tools at various points over a large area where hydrocarbons might be present. Each of the units would be attached to individual templates housing the battery packs, which are placed on the seabed. The tubes would then drill by themselves, eliminating the need for vessel assistance. The tool is non-resusable and upon completion of the job it set out to do would remain underground.

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Naturally, as with any new technology, a number of questions arise. One of these questions concerns the power requirement, which according to the specifications of the unit is 10 kilowatts. This seems low given that, for instance, the fracture pressure gradient in the Gulf of Mexico needs about 9,000 psi. This means that the 8.5 inch plate would require 510,705 pounds of force, plus the wire would need to withstand up to 9,000 psi. Also, will 10 kilowatts be enough to generate sufficient hydraulic pressure to fracture the rock while disposing of the cuttings? According to a spokesperson for Badger Explorer, enough pressure will be achieved through “an internal hydraulic power system driven by a pump, which in turn is driven by an electric motor.”

Another concern is the drilling ability and stability of the tool. As the drill bit turns, the rest of the tool will want to counter-rotate in the opposite direction. However, anchors that are hydraulically pushed into the borehole wall should prevent this and keep the tool steady. These anchors will also absorb the pressure that is applied by the cuttings being compressed behind the tool. Furthermore, to keep drilling at optimal speed, pressure on the rock bit is to be regulated by accurate internal hydraulic pressure, which generates the weight on the bit. Also, the compressed formation plug behind the tool should prevent high-pressure hydrocarbons, if encountered, from migrating to the surface.

So far the tool is still at the prototype stage and only surface functionality and systems testing to a depth of 10 meters has taken place. However, the project team is reportedly looking for a suitable, shallow water field on the Norwegian continental shelf where the system can be tested in full scale.

Earlier this month, Badger Explorer ASA secured vital operational and technical support from the three oil companies for development of the Badger Explorer well into the commercial phase. The company negotiated an addendum to the previous agreement with the three partners, which gives ExxonMobil, Shell and Statoil first right of refusal to buy the full manufacturing and operational capacity of all Badger Explorers at market price for a period of three years from commercialization.

In return, Badger Explorer will receive support with regards to access to offshore platforms, vessels, equipment, technology, data and skills sets for the completion of the development of the Badger Explorer prototype, through to and including commercial operations.

## The Industry at a Glance

### Operators with more than 10 Rigs Under Contract

	Jackups	Semis	Ships	Total		Jackups	Semis	Ships	Total
Petrobras*	6	28	8	42	BP	8	9	2	19
Pemex*	35	5	0	40	Chevron	10	6	2	18
ONGC*	27	0	4	32	StatoilHydro	2	14	0	16
Saudi Aramco*	27	0	0	27	Apache	9	3	0	12
Shell	8	12	3	23	ExxonMobil	5	6	1	12
Total	12	4	5	21	Maersk Oil	12	0	0	12
*Includes one or more owner-operated rigs					CNOOC	9	2	0	11

### Major Market Competitive Rig Fleet Supply & Demand

	Supply	Under Contract	Working	Util. Rate		Supply	Under Contract	Working	Util. Rate
<b>US Gulf of Mexico</b>					<b>NW Europe</b>				
Floaters	37	36	30	97.3%	Semis	39	39	37	100.0%
Jackups	79	54	47	68.4%	Jackups	35	35	31	100.0%
Total	116	90	77	77.6%	Total	74	74	68	100.0%
<b>West Africa</b>					<b>Southeast Asia &amp; Australia</b>				
Floaters	28	28	28	100.0%	Floaters	16	14	5	87.5%
Jackups	26	25	24	96.2%	Jackups	39	38	34	97.4%
Total	54	53	52	98.1%	Total	55	52	39	94.5%

### Rig Locations by Major Markets

Jackups	This Month	Last Month	Last Year	Floaters	This Month	Last Month	Last Year
US Gulf of Mexico	79	80	89	US Gulf of Mexico	37	37	38
Mexico	35	35	30	Mexico	4	4	5
C&S America	16	16	17	C&S America	39	39	30
NW Europe	35	35	35	NW Europe	39	39	39
Med/BlackSea	19	20	16	Med/BlackSea	6	6	7
West Africa	26	26	25	West Africa	28	29	28
Middle East	97	94	92	Middle East	0	0	1
India	35	35	31	India	10	10	12
SE Asia & Australia	47	47	38	SE Asia & Australia	26	25	28
Far East	22	22	17	Far East	5	6	3

### Oil and Gas Prices

	This Month	Last Month	Last Year
<b>WTI</b>	\$109.85	\$96.41	\$57.59
<b>Brent</b>	\$106.64	\$96.07	\$60.55
<b>Henry Hub</b>	\$9.69	\$8.50	\$6.95

### Baker Hughes Rig Count

This Month: 1,792 Last Month: 1,773 Last Year: 1,740

### World Rig Forecast

Jackups/semis/ships	Apr-08	Jul-08	Oct-08
<b>Supply</b>	605	621	637
<b>Demand</b>	545	617	633

### Drilling Contractor Market Share

Companies owning 10 or more rigs

	Jackups	Semis	Ships	Total
Transocean	68	52	14	134
Noble	41	11	3	55
ENSCO	44	1	0	45
Diamond Offshore	13	30	1	44
Pride	28	12	2	42
Hercules	33	0	0	33
Rowan	21	0	0	21
Nabors	16	0	0	16
Aban Offshore	11	1	2	14
COSL	11	3	0	14

\*Includes one or more owner-operated rigs

Data as of 13 March, 2008

Sources: ODS-Petrodata; Baker Hughes; Bloomberg

## Key Worldwide Rig Market Indicators

			Day Rates in USD		Utilization		
			No. of Rigs	Feb 08	Jan 08	Feb 08	Jan 08
US GULF	Jackup 200 MC	11	58,500-60,000	58,500-60,000	82%	73%	
	Jackup 250 MS	15	57,500-58,500	55-56,000	60%	53%	
	Jackup 250 IC	9	65-80,000	70,000	78%	78%	
	Jackup 300 IC	5	*70-87,500	70-87,500	100%	100%	
	Jackup > 300 IS	2	*95,000	*95,000	100%	100%	
	Jackup > 300 IC	10	195,000	150,000	90%	100%	
	Semi <= 3,000	5	275,000	No recent fixture	80%	80%	
	Semi 3,001 - 5,000	5	*270,000	270-305,000	100%	100%	
	Semi 5,001+	21	*300-500,000	*300,000-500,000	100%	100%	
	Drillship 7,501+	6	535,000	480,000	100%	100%	
MEXICO	Jackup 200 MC	11	No recent fixture	*87,500	100%	100%	
	Jackup 250 MS	3	No recent fixture	*94,400	100%	100%	
	Jackup 300 IC	8	No recent fixture	No recent fixture	100%	100%	
	Semi <= 3,000	4	*190,000	*190,000	100%	100%	
C&SAMERICA	Semi <= 3,000	9	No recent fixture	*243,000	100%	100%	
	Semi 3,001 - 5,000	10	*245-342,000	*245-342,000	100%	100%	
	Semi 5,001+	5	305,000	No recent fixture	100%	100%	
	Drillship 3,001 - 7,500	8	245,000	*320,000	100%	100%	
	Drillship 7,501+	0	No recent fixture	No recent fixture	0%	0%	
NWEUROPE	Jackup Harsh Standard	19	*207-212,000	207-212,000	100%	100%	
	Jackup Harsh High Spec	16	279,000	340-425,000	100%	100%	
	Semi Harsh Standard	24	365-400,000	*350,000	100%	100%	
	Semi Harsh High Spec	8	*493,000	*493,000	100%	100%	
	Semi Harsh Deepwater	5	No recent fixture	No recent fixture	100%	100%	
MED	Jackup 300+ IC	14	140,000	135-198,000	100%	100%	
	Semi <= 3,000	5	*453,000	453,000	100%	100%	
WEST AFRICA	Jackup 250 IC	8	No recent fixture	No recent fixture	100%	100%	
	Jackup 300 IC	9	219,000	*135-147,100	100%	100%	
	Semi <= 3,000	7	*255,000	*255,000	88%	88%	
	Semi 3,001 - 5,000	6	No recent fixture	No recent fixture	100%	100%	
	Semi 5,001+	7	440-637,000	No recent fixture	100%	100%	
	Drillship 7,501+	6	*600,000	*600,000	100%	100%	
MIDDLE EAST	Jackup < 250 IC	13	*95,000	*95,000	92%	92%	
	Jackup 250 IC	32	*112,000	110,000	91%	91%	
	Jackup 300 IC	28	*183,000	180,000	100%	100%	
INDIAN OCEAN	Jackup 300 IC	17	*156,600	*156,600	100%	100%	
	Drillship <= 3,000	1	*156,000	157,000	100%	100%	
SE ASIA	Jackup 300 IC	24	175-184,000	*145,000	96%	96%	
	Semi <= 3,000	4	*285,000	*285,000	100%	100%	
	Drillship <= 3,000	3	No recent fixture	No recent fixture	67%	67%	
WORLDWIDE	Jackups	355	55-279,000	55-425,000	92%	92%	
	Semis	153	275-637,000	234,700-470,000	99%	99%	
	Drillships	36	510-535,000	157-480,000	97%	97%	
	Total	544	55-637,000	55-480,000	94%	94%	

\*No fixture made in the month; "No recent fixture" indicates no fixtures have been made in the market segment for six months or more.

Table data includes competitive fleet only. Not intended for day rate benchmarking.

## Newbuildings & Conversions

### **Mosvold Drilling plans two newbuild drillships**

Mosvold Drilling is seeking USD 310 million equity for the proposed construction of two newbuild 12,000 fsw (3,658 fsw)-capable drillships by Samsung Heavy Industries, South Korea. Delivery is planned for March 2011 and July 2011 respectively. Two options also exist, the first of which has an exercise deadline of mid-June 2008 and delivery around fourth quarter 2011. Timing for the second option has not yet been decided. All-in delivered cost of each unit is USD 800 million, and further bond issues and financing will be required. Deadline for applications to provide equity is March 3, 2008.

If funding is secured, these two drillships will become the 31st and 32nd drillships on order or under construction at the present time. Twenty drillships have already been ordered at Samsung in the current newbuild boom.

### **PV Drilling orders third jackup**

Keppel FELS Limited will build a third KFELS B Class jackup drilling rig worth around USD 205 million for PetroVietnam Drilling Investment Corp (PVD Invest), a subsidiary of PetroVietnam Drilling & Well Services Corp's (PV Drilling).

The agreement is subject to certain conditions being met by March 14, 2008. This latest unit and PVD Invest's second rig, PV Drilling II, which is already under construction at Keppel FELS, are scheduled for delivery in the fourth quarter of 2009.

The latest KFELS B Class rig will be able to operate in water depths of 360ft with a drilling depth of 30,000ft. Its living quarters are designed to accommodate up to 110 men, in single and two-man cabins. Other features include engines that meet more stringent emission standards and lower spudcan bearing pressure for operation in areas with soft soil conditions.

Do Van Khanh, CEO of PV Drilling and chairman of PVD Invest, said, "It is estimated that there will be some 900 exploration wells in Vietnam over the next 15 years. We want to position ourselves to capture this market for specialised oil and gas services with the support of a strong and reliable shipyard that can deliver projects punctually, on budget and without incidents."

To meet the tight exploration schedule, PV Drilling intends to make capital investments of around VND 27.4 trillion (USD 1.7 billion) from now until 2025 to build and operate an 11-strong fleet of offshore and onshore rigs.

### **Seadrill orders new tender rig**

Seadrill confirmed it has ordered a new self-erecting tender rig, to be named T12. Estimated capital expenditure is USD 121 million. The tender will be a sister rig to the T10 and T11 and is scheduled for delivery in the first quarter of 2010 from the Malaysia Marine and Heavy Engineering yard.

Seadrill already has two tender rigs under construction has an option for one more.

### **Swiber checks out Singapore, China yards for drilling barge**

Swiber is in the advanced stages of negotiation with established yards in Singapore and China for the construction of drilling barge Equatorial Driller. The unit is targeted for delivery in 2010 and will be marketed for the Southeast Asian or Indian markets. The award of a construction contract is expected in the next few months. The rig will be capable of drilling in water depths of between 6,000 fsw (with subsea BOP) and 8,500 fsw (with surface BOP).

### Delivery of next two Scorpion newbuilds delayed

The delivery dates of Scorpion Offshore's third and fourth newbuild jackups, Offshore Resolute and Offshore Vigilant, have been pushed back to April 30, 2008 and August 31, 2008, respectively which is four weeks and two months, respectively, after their original delivery dates.

The rigs are under construction at the Keppel AmFELS shipyard in Brownsville and were originally scheduled to be delivered on March 31, 2008 and June 30, 2008, respectively. Jackup Offshore Intrepid, also under construction at Keppel AmFELS, is still on target to be delivered on time, on November 30, 2008. The first two Scorpion jackups, Offshore Courageous and Offshore Defender, were delivered on time in May and October 2007.

Jackups Offshore Mischief and Offshore Freedom, currently being built at the Lamprell shipyard in Sharjah, are expected to be delivered on time in second and fourth quarter 2009, respectively.

### Delivery of ENSCO 8500 delayed

Delivery of ENSCO's newbuild semi ENSCO 8500 will be delayed by a few months due to vendor-related issues. The deepwater unit is under construction at the KeppelFELS shipyard in Singapore with delivery expected in third quarter 2008 instead of second quarter as originally planned. The rig is now scheduled to start its four-year plus options contract with Anadarko in the US Gulf by late 2008 as opposed to third quarter.

ENSCO's three other newbuild semis currently under construction, ENSCO 8501, ENSCO 8502 and ENSCO 8503, are on track to be delivered on time, in first and fourth quarter 2009, and third quarter 2010 respectively. All units, with the exception of ENSCO 8503, have secured multi-year contracts.

### Changing values of offshore rigs 1992-2007 (US\$ x 1 million)

	Dec 1992	Dec 2003	Dec 2004	Dec 2005	Dec 2006	Dec 2007	Jan 2008	Feb 2008
<b>Jackups built after 1980</b>								
150 feet ind cantilever	3	10	19	35	35	40	40	40
200 feet mat cantilever	6	22	25	50	50	55	55	55
250 feet mat slot	1	16	22	40	40	45	45	45
250 feet ind cantilever	12-15	32	47	75	75	100	100	100
300 feet ind cant international	18	50	60-65	90	90	130	130	130
300 feet ind cant N Sea	25	50	65	100	100	150	150	150
New 350 feet IC	n/a	105-145	115-145	150	150	210	210	210
<b>Semisubmersibles</b>								
Aker H-3 North Sea	5	25	25-30	90	90	225	240	240
3rd gen North Sea	40	65	60	140	140	250	275	275
4th generation	90	160-175	140	250	250	320	350	350
Existing 5th gen 8,000 ft +	n/a	280-300	270	400	400	500	600	600
*New 6th gen 10,000 ft +	n/a	n/a	n/a	n/a	n/a	675	675	675
<b>Drillships</b>								
Conventional moored mid 1970s	1-2	21	17	60	60	200	230	230
DP 4000 feet+ (not newbuild)	8-10	70	50-60	150	150	285	300	300
Existing 5th gen 8,000 ft +	n/a	280-300	260-270	400	400	500	600	600
*New 6th gen 10,000 ft +	n/a	n/a	n/a	500	500	675	675	6

The values shown are levels at which we believe there is a reasonable chance of a unit selling. They are based on our dialogue with potential buyers and sellers, oil companies, shipyards, financial institutions etc. There is no guarantee that a particular rig will fetch precisely the amount shown.

\*denotes value for average, mild environment, single activity units

<b>Current Newbuildings</b>
-----------------------------

Owner (Manager)	Rig Name	Design	Water Depth (ft)	Order Year	Shipyard	Est. Cost \$mm	In Service	Contract status at time of order
<b>Jackups</b>								
Gazflot	Arcticheskaya	Corral 6500/10-30	328'	1995	Zvezdochka	100.0	Q3 08	Gazflot
COSL	COSL 942	JU-2000E	400'	2005	Dalian New Ship	147.0	Q2 08	speculative
Diamond Offshore	Ocean Scepter	MOD V Super B	350'	2005	Keppel AmFELS	150.0	Q2 08	speculative
Diamond Offshore	Ocean Shield	MOD V Super B	350'	2005	Keppel FELS	150.0	Q1 08	speculative
Japan Drilling	Hakuryu X	BM Pacific Class 375	375'	2005	PPL Shipyard	130.0	Q2 08	speculative
Maersk Contractors	Maersk High Efficiency 2	CJ50-X100MC	350'	2005	Keppel FELS	152.9	Q3 08	speculative
Maersk Contractors	Maersk High Efficiency 3	CJ50-X100MC	350'	2005	Keppel FELS	152.9	Q1 09	speculative
Maersk Contractors	Maersk High Efficiency 4	CJ50-X100MC	350'	2005	Keppel FELS	152.9	Q2 09	speculative
Noble	Noble Hans Deul	F&G JU-2000E	400'	2005	Dalian New Ship	153.4	Q3 08	Shell
Larsen O&G	Petrojack II	BM Pacific Class 375	375'	2005	Jurong Shipyard	139.9	Q1 08	speculative
Maersk Contractors	Maersk Convincer	BM Pacific Class 375	375'	2005	Jurong Shipyard	147.2	Q3 08	speculative
Premium Drilling	WilForce	BM Pacific Class 375	375'	2005	PPL Shipyard	144.0	Q1 08	speculative
Premium Drilling	Deep Driller 6	MOD V Super B	350'	2005	Keppel FELS	145.0	Q3 08	speculative
Rowan	Rowan Mississippi	LeT Class 240-C	400'	2005	LeTourneau	165.0	Q3 08	speculative
Rowan	Rowan Ralph Kaufman	LeT Class 240-C	400'	2005	LeTourneau	165.0	Q1 09	speculative
Rowan	J.P. Bussell	TARZAN CLASS	350'	2005	Signal International	125.0	Q3 08	speculative
Scorpion Offshore	Offshore Resolute	LeT Super 116	350'	2005	Keppel AmFELS	145.0	Q2 08	excl OFE, spec
Scorpion Offshore	Offshore Vigilant	LeT Super 116	350'	2005	Keppel AmFELS	149.0	Q2 08	excl OFE, spec
CPOE	CPOE-6	-	197	2006	-	-	Q2 08	CPOE
CPOE	CPOE-7	-	197	2006	-	-	Q3 08	CPOE
CPOE	CPOE-8	-	197	2006	-	-	Q4 08	CPOE
Aban Offshore	Aban VIII	BM Pacific Class 375	375'	2006	PPL Shipyard	175.0	Q2 08	speculative
Scorpion Offshore	Offshore Intrepid	LeT Super 116	350'	2006	Keppel AmFELS	145.0	Q4 08	speculative
Thule Drilling	Thule Energy	F&G Super M2	300	2006	QGM	126.0	Q4 08	speculative
Thule Drilling	Thule Force	F&G Super M2	300	2006	QGM	126.0	Q1 09	speculative
Premium Drilling	Deep Driller 7	BM Pacific 375	375	2006	PPL, Singapore	140.3	Q3 08	speculative
Premium Drilling	Deep Driller 8	KFELS Mod V B	350	2006	Keppel FELS	139.6	Q1 09	speculative
Atwood	Atwood Aurora	LeT Super 116	350	2006	Keppel AmFELS	160.0	Q3 08	speculative
Jindal Drilling	Discovery I	KFELS Mod V B	350	2006	Keppel FELS	171.0	Q4 08	speculative
Premium Drilling	WilStrike	KFELS Mod V B	400	2006	Keppel FELS	163.0	Q2 09	speculative
UMV Petropipe	Naga-2	MSC CJ-46	350	2006	Labroy	147.0	Q3 08	speculative
KCA Deutag	Standard JU Tbn2	MSC CJ-46	350	2006	Labroy	147.0	Q2 09	speculative
Seadrill	West Ariel	KFELS Mod V B	400	2006	Keppel FELS	132.0	Q2 08	speculative
Jindal Drilling	Virtue I	KFELS Mod V B	350	2006	Keppel FELS	184.0	Q4 08	speculative
SeaWolf	Sea Wolf Oritsetimeyin	F&G Super M2	300	2006	MIS, Sharjah	143.0	Q3 08	speculative
SeaWolf	Sea Wolf Onome	F&G Super M2	300	2006	MIS, Sharjah	143.0	Q4 08	speculative
Larsen O&G	Petrojack IV	BMC Pacific 375	375	2006	Jurong	180.0	Q4 08	speculative
Premium Drilling	Wilseeker	BM Pacific 375	375	2006	PPL Shipyard	140.0	Q2 08	speculative
Mercator Lines	Vasumati	KFELS Mod V B	350	2006	Keppel FELS	180.0	Q1 09	speculative
Greatship (India)	Greatdrill Chitra	KFELS Mod B	350	2006	Keppel FELS	182.0	Q4 09	speculative
Noble	Noble Scott Marks	F&G JU 2000E	400	2006	Dalian	190.0	Q1 09	Venture
Great Offshore	Samed Shikhar	LeT Super 116E	350	2006	Bharati	182.0	Q1 09	speculative
UMV Petropipe	Naga-3	MSC CJ-46	350	2006	Labroy	153.5	Q2 09	speculative
KCA Deutag	Standard JU Tbn 4	MSC CJ-46	350	2006	Labroy	153.5	Q4 09	speculative
Vantage	Offshore Group JU Tbn1	BM Pacific Class 375	375	2006	PPL Shipyard	155.0	Q3 09	speculative
Uni-Arab	Uni-Arab JU Tbn 1	F&G Super M2	300	2006	Yantai Raffles	135.0	Q2 09	speculative
Skeie Drill. & Prod.	Skeie JU Tbn 1	KFELS N Class	400	2006	KeppelFELS	465.0	Q1 10	speculative
NIDC	NIDC JU Tbn 1		300	2006	Khorramshahr	116.8	Q4 08	Pars Oil
NIDC	NIDC JU Tbn 2		300	2006	Khorramshahr	116.8	Q4 08	Pars Oil
Vantage	Offshore Group JU Tbn 2	BM Pacific Class 375	375	2007	PPL Shipyard	190.0	Q4 08	speculative
Essar Oilfield Svcs.	Essar JU Tbn 1	F&G JU-2000-A	450	2007	ABG Shipyard	-	Q4 09	speculative
Essar Oilfield Svcs.	Essar JU Tbn 2	F&G JU-2000-A	450	2007	ABG Shipyard	-	Q3 10	speculative
Skeie Drill. & Prod.	Skeie JU Tbn 2	KFELS N Class	400	2007	Keppel FELS	465.0	Q3 10	speculative
Premium Drilling	WilConfidence	BM Pacific Class 375	375	2007	PPL Shipyard	149.0	Q2 09	speculative
KS Energy	KS Energy JU Tbn1	F&G Super M2	300	2007	MIS, Sharjah	148.0	Q4 09	speculative
Orion Drilling	Orion JU Tbn 1	F&G Super M2	300	2007	MIS, Sharjah	158.0	Q4 09	speculative
Orion Drilling	Orion JU Tbn 2	F&G Super M2	300	2007	MIS, Sharjah	158.0	Q1 10	speculative



Owner (Manager)	Rig Name	Design	Water Depth (ft)	Order Year	Shipyard	Est. Cost \$mm	In Service	Contract status at time of order
<b>Jackups continued</b>								
PetroVietnam	PV Drilling II	KFELS Mod V B	375	2007	Keppel FELS	191.0	Q4 09	speculative
COSL	COSL 936	MSC CJ46-x100D	350	2007	Yiu Lian	-	Q3 09	speculative
COSL	COSL 937	MSC CJ46-x100D	350	2007	Dallian	-	Q1 10	speculative
PetroProd	PetroProd JU Tbn1	CJ70	450	2007	Jurong Shipyard	560.0	Q3 10	speculative
CPOE	CPOE-9	L-780 Mod II	250	2007	Dalian	-	Q3 09	CPOE
CPOE	CPOE-10	L-780 Mod II	250	2007	Dalian	-	Q3 09	CPOE
Skeie Drill. & Prod.	Skeie JU Tbn 3	KFELS N Class	400	2007	Keppel FELS	504.0		speculative
Vantage	Offshore Group JU Tbn3	BM Pacific Class 375	375	2007	PPL Shipyard	190.0	Q3 09	speculative
Scorpion	Scorpion Freedom	LeT Super 116 E	300	2007	Lamprell	-	Q1 09	speculative
Perforadora Central	Perforadora JU Tbn 1	LeT super 116E	350	2007	Keppel AMFELS	190.0	Q4 09	speculative
NIDC	Pars JU Tbn1	Not known	300	2007	Sanaye Farasahel	-	Q4 09	Pars Oil & Gas
NIDC	Pars JU Tbn2	Not known	300	2007	Sanaye Farasahel	-	Q4 09	Pars Oil & Gas
Vantage	Offshore Group JU Tbn4	BM Pacific Class 375	375	2007	PPL Shipyard	198.0	Q4 09	speculative
Essar Oilfield Svcs.	Essar JU Tbn 3	F&G JU-2000-A	450	2007	ABG Shipyard	-	Q1 11	speculative
Essar Oilfield Svcs.	Essar JU Tbn4	F&G JU-2000-A	450	2007	ABG Shipyard	-	Q3 11	speculative
SAAG Drilling	SAAG JU Tbn1	CJ46-x100D	300	2007	Labuan Shipyard	155.0	Q1 10	speculative
Egyptian Drilling	Egyptian Drill. JU Tbn1	BM Pacific Class 375	375	2007	PPL Shipyard	201.0	Q4 09	speculative
Petrobras	Petrobras JU Tbn 1	Not known		2007	Not known	-	Q4 09	Petrobras
Petrobras	Petrobras JU Tbn 2	Not known		2007	Not known	-	Q3 10	Petrobras
Rowan	Rowan JU Tbn 3	LeT Super 116E	350	2007	Keppel AmFELS	175.0	Q2 10	speculative
Rowan	Rowan JU Tbn 4	LeT Super 116E	350	2007	Keppel AmFELS	175.0	Q3 10	speculative
Rowan	Rowan JU Tbn 5	LeT Super 116E	350	2007	Keppel AmFELS	175.0	Q4 10	speculative
Rowan	Rowan JU Tbn 6	LeT Super 116E	350	2007	Keppel AmFELS	175.0	Q1 11	speculative
Rowan	Rowan JU Tbn 7	LeT Class 240-C	400	2007	LeTourneau	200.0	Q3 10	speculative
Rowan	Rowan JU Tbn 8	LeT Class 240-C	400	2007	LeTourneau	200.0	Q3 11	speculative
Scorpion	Scorpion Mischief	LeT Super 116E	300	2007	Lamprell	-	Q4 09	speculative
PHEDCO	PHEDCO JU Tbn 1	Not known	300	2008	Khorramshahr	-	Q4 10	IOOC
COSL	COSL JU Tbn 5	Not known	200	2008	Not known	-	Q4 10	Not known
COSL	COSL JU Tbn 6	Not known	200	2008	Not known	-	Q4 10	Not known
COSL	COSL JU Tbn 7	Not known	200	2008	Not known	-	Q4 10	Not known
COSL	COSL JU Tbn 8	Not known	200	2008	Not known	-	Q4 10	Not known
PetroVietnam	PV Drilling III	KFELS Mod V B	375	2008	Keppel FELS	205.0	Q4 09	????????

**Semisubmersibles**

Noble	Noble Danny Adkins	Bingo 9000	12,000'	1997	Jurong Shipyard	500.0	Q2 09	Shell
North Drilling Co	Iran Alborz	GVA 4000	3,281'	2001	Sadra Shipyard	300.0	Q2 08	NIOC
Aker Drilling	Aker Spitsbergen	Aker H-6e	10,000'	2005	Aker Verdall	615.0	Q3 08	speculative
Aker Drilling	Aker Barents	Aker H-6e	10,000'	2005	Aker Stord	580.0	Q4 08	speculative
ENSCO	ENSCO 8500	ENSCO 8500	8,500'	2005	Keppel FELS	312.0	Q2 08	Anadarko
Maersk Contractors	Maersk Semi Tbn 1	KFELSMSCDSS21	10,000'	2005	Keppel FELS	450.0	Q3 08	speculative
Maersk Contractors	Maersk Semi Tbn 2	KFELSMSCDSS21	10,000'	2005	Keppel FELS	450.0	Q2 09	speculative
OffRig	WilPioneer	GM-4000	2,625'	2005	Yantai Raffles	320.0	Q3 08	speculative
Saipem	Scarabeo 8	CS-50 MkII (N)	10,000	2005	Severodvinsk	615.0	Q3 09	speculative
Larsen Oil & Gas	Petrorig 1	F&G ExD	10,000'	2005	Jurong Shipyard	470.0	Q2 09	speculative
SeaDrill Mngmt.	West Sirius	F&G ExD	7,500'	2005	Jurong Shipyard	443.0	Q1 08	speculative
SeaDrill Mngmt.	West Taurus	F&G ExD	7,500'	2005	Jurong Shipyard	428.0	Q4 08	speculative
SeaDrill Mngmt.	West Hercules	GVA 7500-N	10,000'	2005	Daewoo	536.0	Q3 08	speculative
SeaDrill Mngmt.	West Phoenix	CS-50 MkII (N)	10,000'	2005	Samsung Hvy Ind	615.0	Q1 08	speculative
ENSCO	ENSCO 8501	ENSCO 8500	8,500'	2006	Keppel FELS	338.0	Q1 09	Nexen/Noble Energy
SeaDrill Mngmt.	West Aquarius	GVA 7500-N	7,500	2006	Daewoo	526.0	Q4 08	speculative
Odjell Drilling	Deepsea Atlantic	GVA 7500-N-E	10,000	2006	Daewoo	608.0	Q4 08	speculative
GlobalSantaFe	GSF Dev. Driller III	KFELSMSCDSS51	10,000	2006	Keppel FELS	590.0	Q1 09	unnamed operator
Sevan Drilling	Sevan Driller	Millennium	12,500	2006	Hantong	430.0	Q1 09	speculative
Larsen Oil & Gas	Petrorig 2	F&G ExD	10,000	2006	Jurong Shipyard	520.0	Q3 09	speculative
Saipem	Scarabeo 9	D90 DRR DP3	12,000	2006	Yantai Raffles	533.0	Q3 09	speculative
OffRig	WillInnovator	GM-4000	2,625'	2006	Yantai Raffles	320.0	Q4 08	speculative
Maersk Contractors	Maersk Semi Tbn3	KFELSMSCDSS21	10,000	2006	Keppel FELS	263.0	Q1 10	spec., excl drill. equip.
Seadrill Mngmt.	West Eminence	CS-50 MkII (N)	10,000'	2006	Samsung Hvy Ind	610.0	Q3 08	speculative
Queiroz Galvao	Lone Star	GustoTDS2000	7,874	2006	IMAC	480.0	Q2 09	Petrobras
Queiroz Galvao	Gold Star	KFELSMSCDSS38	6,562	2006	Keppel FELS	-	Q3 09	Petrobras

Owner (Manager)	Rig Name	Design	Water Depth (ft)	Order Year	Shipyard	Est. Cost \$mm	In Service	Contract status at time of order
<b>Semisubmersibles continued</b>								
Petroserv	SSV Victoria	Not known	7,874	2006	Daewoo	485.0	Q2 09	Petrobras
Odebrecht	Norbe VI	GustoTDS2000	6,560	2006	IMAC	-	Q1 10	Petrobras
Schahin	Schahin III	F&G Millennium	7,875	2006	Yantai Raffles	-	Q3 09	Petrobras
Schahin	Schahin I	F&G Millennium	6,560	2006	Yantai Raffles	-	Q1 10	Petrobras
ENSCO	ENSCO 8502	ENSCO 8500	8,500	2006	Keppel FELS	385.0	Q4 09	speculative
Seadragon Offshore	Oban B	CS-50 MkII (N)	10,000	2006	Sevmash	510.0	Q3 09	speculative
CNOOC	CNOOC Semi Tbn 1	F&G ExD	10,000	2006	Shanghai W Syard	563.0	Q1 11	speculative
Larsen Oil & Gas	Petrorig 3	F&G ExD	10,000	2007	Jurong Shipyard	524.0	Q1 10	speculative
Delba	Delba III	Gusto TDS2500	7,874	2007	IMAC	450.0	Q1 10	Petrobras
OffRig	WilPromotor	GM-4000	2,460	2007	Yantai Raffles	310.0	Q4 09	speculative
Odfjell Drilling	Deepsea Stavanger	GVA-7500-N-E	10,000	2007	Daewoo	645.0	Q2 10	speculative
Noble	Noble Jim Day	Bingo 9000	12,000	2007	Jurong Shipyard	300.0	Q4 09	Marathon
Seadrill Mngmt.	Seadrill Jurong Tbn 3	F&G ExD	10,000	2007	Jurong Shipyard	531.5	Q2 10	speculative
ENSCO	ENSCO 8503	ENSCO 8500	8,500	2007	Keppel FELS	427.0	Q3 10	speculative
Sigma Drilling	Sigma Drilling Semi Tbn1	GM-5E	4,921	2007	COSCO Zhoushan	-	Q3 10	speculative
Seadragon Offshore	SDO II	CS-50MkII (N)	10,000	2007	Vyborg/Haverton H.	-	Q4 10	speculative
IPC	La Muralla III	Not known	10,000	2007	Daewoo	632.7	Q3 10	Pemex
Gazflot	Gazflot Semi Tbn 1	CS-50	1,148	2007	Vyborg	-	Q2 10	Gazprom
Gazflot	Gazflot Semi Tbn 2	CS-50	1,148	2007	Vyborg	-	Q2 11	Gazprom
Atwood	Atwood Semi Tbn 1	F&G ExD	6,000	2007	Jurong Shipyard	590.0	Q1 11	Chevron

**Drillships**

Seadrill Mngmt.	West Polaris	Saipem 10000	10,000'	2005	Samsung Hvy Ind	485.0	Q2 08	speculative
Seadrill Mngmt.	West Capella	Saipem 10000	10,000	2006	Samsung Hvy Ind	480.0	Q4 08	speculative
Transocean	Discoverer Clear Leader	Enterprise	12,000	2006	Daewoo	650.0	Q1 09	Chevron
Stena	Stena Carron	Stena/Samsung	10,000	2006	Samsung Hvy Ind	550.0	Q2 08	speculative
Transocean	Deepwater Pacific I	Sams./Saip. 10000	7,501	2006	Samsung Hvy Ind	600.0	Q1 09	speculative
MPF	MPF-01	MPF 1000	11,483	2006	Dragados, Spain	775.0	Q3 09	combined FPSO/ Drillship, winterized
Transocean	Discoverer Inspiration	Enterprise	12,000	2006	Daewoo	670.0	Q4 09	Chevron
Petrobras	Petrobras Drillship Tbn 1	Not known	10,000	2006	Samsung Hvy Ind		Q2 09	Petrobras
Transocean	Discoverer Americas	Enterprise	12,000	2006	Daewoo	615.0	Q2 09	Hydro
Transocean	Deepwater Pacific II	Sams/Saip. 10,000	7,501	2006	Samsung Hvy Ind	600.0	Q4 09	speculative
Stena	Stena Drillmax III	Not known	10,000	2006	Samsung Hvy Ind	631.0	Q3 09	speculative
Petrobras	Petrobras Drillship Tbn 2	Not known	10,000	2007	Samsung Hvy Ind	616.0	Q2 10	Petrobras
Pride	Pride Drsh Tbn 2	Saipem 10000	7,000	2007	Samsung Hvy Ind	675.0	Q2 10	Not known
Saipem	Saipem 12000	Saipem 10000	12,000	2007	Samsung Hvy Ind	660.0	Q1 10	Not known
Transocean	Transocean Drsh Tbn 4	Enterprise	12,000	2007	Daewoo	640.0	Q2 10	BP
Pride	Pride Drsh Tbn 1	Not known	12,000	2007	Samsung Hvy Ind	680.0	Q2 10	speculative
Seadrill Mngmt.	West Gemini	Saipem 10000	10,000	2007	Samsung Hvy Ind	615.0	Q2 10	speculative
Tanker Pacific	Tanker Pacific Tbn1	Samsung	10,000	2007	Samsung Hvy Ind	587.0	Q4 10	speculative
Transocean	GSF Drillship Tbn1	Glomar 456e	10,000	2007	Hyundai Hvy Ind	740.0	Q3 10	speculative
Mandarin Drilling	TMT/Mandar.Drsh Tbn 2	Not known	10,000	2007	Daewoo	624.0	Q4 10	speculative
Cardiff Marine	Cardiff Mar. Drsh Tbn 1	Not known	10,000	2007	Samsung Hvy Ind	600.0	Q1 11	speculative
Cardiff Marine	Cardiff Mar. Drsh Tbn 2	Not known	10,000	2007	Samsung Hvy Ind	600.0	Q1 11	speculative
Shell/Frontier JV	Bully 1	GustoMSC PRD	12,000	2007	Shanghai & Chengxi	-	Q4 09	Shell
Shell/Frontier JV	Bully 2	GustoMSC PRD	12,000	2007	Shanghai & Chengxi	632.0	Q3 10	Shell
Contractor TBC	Daewoo Drsh Tbn 6	Not known	10,000	2007	Daewoo	647.0	Q3 11	speculative
Contractor TBC	Samsung Drsh Tbn 16	Not known	10,000	2007	Samsung Hvy Ind	632.0	Q2 11	speculative
Contractor TBC	Samsung Drsh Tbn 17	Not known	10,000	2007	Samsung Hvy Ind	632.0	Q2 11	speculative
Metrostar	Metrostar Drsh Tbn 1	Not known	10,000	2008	Hyundai Hvy Ind	650.0	Q2 11	speculative

**Tenders**

Seadrill	T-11	Super Class	400	2006	Malaysia Marine	100.0	Q4 08	speculative
Saipem	Saipem TAD-1	Super Class	328	2007	CNIC -Douala	-	Q1 08	Eni
Seadrill	West Berani II	SSDT 3600E	5000	2007	Keppel FELS	134.0	Q4 09	speculative
Mermaid Kencana	Mermaid Tender Tbn 1	Not known	300	2007	Kencana HL	136.0	Q4 09	speculative

## Rig Sales

### Neptune Marine buys semi Atlantic Venture

Neptune Marine Oil & Gas has entered into a Memorandum of Agreement with Zelig Industrial Limited to acquire semi Atlantic Venture for USD 67 million. Neptune plans to upgrade the rig to a deepwater drilling unit that is capable of operations in up to 5,000 fsw (1,524 msw).

The retired rig is presently stacked in Cape Town, South Africa and prior to the sale, had also been marketed for drilling and accommodation work by Atlantic Oilfield Services. Under the terms of a previous sale, the rig has an imposed drilling ban that expires in July 2008. Atlantic Venture (then known as Sedco 708 and owned by Transocean) was removed from active duty in the first quarter of 2002, last working offshore Angola. The unit has since changed hands several times.

### Thule Power sale to conclude mid-year

Transfer of ownership of Chekovo Ltd., the owning company of jackup Thule Power, to an unidentified Saudi Arabian buyer is to be completed at the time of the rig's delivery, estimated to be in June/July 2008. The company was sold for USD 185 million; half the shares will be transferred on March 31, 2008 against USD 92.5 million, and the remaining shares will be transferred upon delivery of the rig, against the balance of USD 92.5 million.

Thule says it now needs a legal ruling that allows for completion of the jackup, which includes the final commissioning and testing phase. With this in place shortly, the expected delivery of the rig to the new owners is June/July 2008. The total project cost for Thule Power is expected to be approximately USD 120-125 million as a result of delays.

For Thule's remaining two newbuild jackup projects, Thule Energy and Thule Force, the company is in discussions with Middle East interests to sell these units. Maintenance of these rigs comprises mainly preservation of the equipment in storage. No equipment has yet been installed in the two hulls under construction. If construction work resumes shortly, they are expected to be delivered in third quarter and fourth quarter 2009 respectively.

Inspections to assess the current status have revealed that the construction cost for Thule Energy and Thule Force will increase to approximately USD 160 million each as a result of increased manpower requirements and the preservation and added storage costs of the equipment. In addition, various equipment, consumables, spares and tools that Thule says QGM received funding for, but did not purchase, need to be repurchased.

### Platform Rig ENSCO 23 up for sale

Drill Pipe Industries in Texarkana, Texas, is marketing platform rig ENSCO 23 for sale. The unit, stacked in Louisiana, was bought from Gulf Drilling International in December 2006. ENSCO 23 was built in 1980.

<b>Transactions</b>
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Date	Rig Name	Design	Water Depth	Year in Service	Price (\$m)	Seller	Buyer	Notes
<b>Jackups</b>								
09/07	Standard JU Tbn2	MSC CJ-46-X100D	350	2009	215	Standard Drilling	Saipem	renamed Perro Negro 6
11/07	*GlobalSantaFe Fleet					GlobalSantaFe	Transocean	fleet sale
12/07	Thule Power	BMC-200 H	250	1982	185	Chekovo Inc.	TBN Saudi buyer	
02/08	**GSF Adriatic III	LeTourneau 116C	350	1982	146	Transocean	Hercules	
02/08	**GSF High Island I	LeT 82-SDC	250	1979	92	Transocean	Hercules	
02/08	**GSF High Island VIII	LeT 82-SD-C	250	1982	92	Transocean	Hercules	
*Transocean acquired the GlobalSantaFe fleet consisting of 43 jackups, 12 semisubmersibles and 4 drillships in a cash and share deal								
<b>Semisubmersibles</b>								
09/07	Bulford Dolphin	Aker H-3	1250	1977	221	Bulford Dolph.Pte.	Aban Offshore Ltd.	
10/07	Frigstad Oslo	D90 DRR DP3	12000	2009	300	Frigst. Disc. Invest	Saipem	92.12% stake
10/07	Petrolia	Pentagone Series	1200	1976	225	Petrolia Rigs AS	PetroRig IV AS	
02/08	Atlantic Venture	Sedco 700 Series	2500	1977	67	Zelie Ind. Ltd.	Neptune Marine	
<b>Drillships</b>								
10/07	Deepwater Pacific 1	Saipem 10000	12000	2009	238	Pacific Drilling	Transocean	50% stake
10/07	Deepwater Pacific 2	Saipem 10000	12000	2009	238	Pacific Drilling	Transocean	50% stake
12/07	Peregrine I	Gusto Pelican Class	5200	1983	300	Transocean	Peregrine LLC	Mike Mullen Group
<b>Barges, Tenders and Arctic Rigs</b>								
08/07	Al Baraka 1	Shiptech	650	1993	***	Pride	Ferncliff	***combined sale price of
08/07	Alligator	Foramer	450	1982	***	Pride	Ferncliff	\$213 million
08/07	Barracuda	Foramer	330	1982	***	Pride	Ferncliff	
08/07	Pride I	Lake Maracaibo type	125	1994		Pride	GP Investments	fleet sale
08/07	Pride II	Lake Maracaibo type	125	1994		Pride	GP Investments	fleet sale

## Africa Rig Market News

### Floater market flat out; jackup availability opens up

The African floater market continues to enjoy full employment, with record day rates achieved in the deepwater sector. In spite of the market working at full capacity, demand continues to grow. The jackup market, on the other hand, is showing some availability due to operators dropping options.

### Market Highlights

ANGOLA: Total has launched a tender for the provision of a floater for a three-year term offshore Angola. The operator seeks a floater capable of operations in a water depth of 1,450 msw (4,757 fsw). Program commencement is scheduled for fourth quarter 2008. An award is expected to be made before the end of the second quarter. It is understood the requirement could include some rig-share time with other operators in Angola. Total also recently issued market enquiries into the provision of a semi to undertake a 30-day workover program in 100 msw (328 fsw) on Block 3 off Angola, commencing between June and August 2008.

ANGOLA: Eni concluded a pre-qualification exercise into provision of a floater for a three-well plus two options program offshore Angola. Due to lack of suitable rig availability for the preferred start date around mid-2008, the operator now seeks a unit for late 2008 commencement and has engaged in direct negotiations with several rig contractors. According to the pre-qualification documents, the rig must be able to work in water depths ranging from 500 to 1,500 msw (1,640 to 4,921 fsw).

COTE D'IVOIRE/NIGERIA: Lukoil secured Transocean drillship Deepwater Pathfinder for a drilling campaign off Cote d'Ivoire starting late next year. The charter is expected to commence in December 2009, following completion of the rig's ongoing rig-share commitment in Nigeria and a subsequent three-well commitment with an as yet unnamed operator. Lukoil's campaign, believed to be for one exploration well on Block CI-205, will commit the drillship until February 2010.

GABON: Total Gabon has extended the contract for Transocean jackup GSF High Island V by another three to seven months from June 2008. The unit has been on charter with Total since June 2007. The operator has one other rig on charter offshore Gabon; Transocean jackup GSF Adriatic IX's contract runs until June/July 2009.

NIGERIA: Total will not be taking up its one-year option with Seadrill jackup West Ceres in Nigeria. The rig is available for charter at the end of July 2008 following expiry of Total's two-year contract. The KFELS MOD V B unit is rated for 300ft water depth and was delivered in 2006.

NIGERIA: Transocean semi Sedco 709, on contract with SNEPCO in Nigeria, has had a one-year pre-priced option exercised. The rig's contract has been extended to October 2009, after which it is available for charter. The rig can operate in water depths of up to 5,000 fsw (1,524 msw) and drill to depths of up to 25,000ft.

USA GULF OF MEXICO/WEST AFRICA: Anadarko is in the process of firming up a West African well in the ongoing charter of Transocean drillship Deepwater Millennium, whose contract was recently extended for another three years starting from June 2010. Subject to confirmation of this drilling campaign, the company intends to deploy the drillship from the US Gulf of Mexico to West Africa to drill a 30-day exploration well in May 2008. Anadarko is also lining up exploration wells off West and East Africa, such as the Nigeria-Sao Tome and Principe JDZ and Mozambique, for 2009, and is looking at various options in order to secure rig time.

## Asia Pacific Rig Market News

### Markets balance out

The anticipated oversupply of jackups in the Asia Pacific region has failed to materialize thanks to a number of newbuilds securing contracts in other parts of the world. As such, a surplus of just one unit is envisaged this year. The floater market in the region is also more or less in balance, and is showing a slight surplus of one to two units through 2009.

### Market Highlights

**AUSTRALIA:** Semi Songa Venus has been awarded an LOI for a 400-day firm charter by drilling service provider ADA for work off Australia with various operators. ADA will be the main contract holder and will manage drilling operations on behalf of the oil companies in the consortium. The contract, covering operations on the Northwest Shelf and Timor Sea off Australia, is scheduled to commence in direct continuation from the rig's current contract with ENI Australia and Inpex Browse in third/fourth quarter 2008. The charter has a primary term of 400 days with a secondary term of another 400 days thereafter. The contract value for the firm period is USD 160 million; the secondary term is subject to the same conditions, or at market rate if higher.

**INDIA:** ONGC intends to tender for two 300/350ft newbuild jackups soon and the plan is currently awaiting internal approval. The tender will be similar to the operator's newbuild tender in 2007 for two units, so the rigs will likely be chartered for five years with work to commence by December 2009. ONGC should also be putting out a tender in the next few weeks for a HPHT jackup for work commencing around April 2009, as well as one for a 7,500ft floater for work commencing by December 2010.

**INDONESIA:** Premier Oil is seeking budget approval for a drilling campaign related to the Gajah Baru gas project in the Natuna Sea. The tentative workscope covers six wells, which will be drilled from a yet-to-be-installed platform. The operator intends to combine this campaign with the development work in the Anoa platform area. The combined workscope will cover around 12 wells, comprising six in Gajah Baru, four or five in Anoa including the West Lobe area, and one exploration well in the Block A in the vicinity. The entire duration is anticipated at around 450 days, commencing in the third/fourth quarter of 2009. Water depths average 80 to 90 msw excluding soil penetration and a 350-ft rated jackup will be required. The operator has also committed to drill two exploration wells in the Tuna PSC in the area before 2010. Water depths range between 100-120 msw ( 330-396 fsw). Depending on the final well locations, the wells are likely to be drilled via a semi.

**VIETNAM:** Premier has one commitment well to drill on its newly-awarded Block 104-109/05 on the Song Hong Basin offshore north Vietnam. A joint study between Premier and Petrovietnam has earlier identified numerous leads in water depths ranging from 20 to 60 msw (66 to 197 fsw). The PSC carries a firm work commitment of seismic acquisition plus one exploration well. Under a farm-in agreement, Mitsui Oil, which has a 50 percent interest in the joint venture, will carry Premier on the first exploration well drilled.

**VIETNAM:** Essar E&P has been awarded an offshore block in Vietnam's Song Hong basin and will have two commitment wells to drill within the five-year exploration phase. Average water depth on the acreage is between 60 and 70 msw (197 and 230 fsw). The minimum work program also includes detailed geological and geophysical studies, reprocessing of existing 2D seismic data, and acquisition and interpretation of 1000 sqkm of fresh 3D seismic. The program is expected to cost Essar E&P USD 60 million.

## Latin America Rig Market News

### Tight market conditions persist

The lack of suitable floaters in Latin America continues to plague operators. With Petrobras habitually extending the contracts of its existing units, other operators with drilling plans in the region are forced to secure rig time two years in advance, or bring in units from other areas at considerable cost.

### Market Highlights

**BRAZIL:** Petrobras has awarded deepwater semis Pride Portland and Pride Rio de Janeiro six-year contract extensions for operations offshore Brazil. The extension periods for both rigs will commence around fourth quarter 2010 to first quarter 2011 in direct continuation of their existing contracts, following a scheduled shipyard survey at the end of their current terms for regulatory inspections. Estimated total contract revenues which could be generated for Pride, inclusive of a potential 15 per cent performance bonus, is USD 768 million for each extension. Without including the bonus, this translates to a day rate of around USD 305,000 for each rig. The contract extensions also provide for a cost escalation provision from the signing date through the six-year term.

**BRAZIL:** StatoilHydro has acquired from Anadarko the remaining 50 per cent of the Peregrino project in the Campos Basin offshore Brazil, giving StatoilHydro a 100 per cent working interest and operatorship of the development. Expected reserves for Peregrino, which is located in water depths of 100 msw (328 fsw), are estimated at around 500 million barrels, excluding identified upsides. Additional appraisal wells are required to prove the remaining upside of the field. Additionally, StatoilHydro is to acquire Anadarko's 25 per cent interest in the Kaskida discovery in the deepwater US Gulf. Subject to governmental approvals, StatoilHydro will pay Anadarko a total of USD 1.8 billion for the transactions, plus an additional consideration related to the Peregrino field, which is valued at a maximum of USD 300,000.

**FRENCH GUIANA:** Tullow Oil is seeking a deepwater floater to undertake a one-well exploration program offshore French Guiana in the second half of 2008. The operator requires a rig capable of operating in water depths of 1,200 msw (3,937 fsw) to drill one well on the Matamata prospect, which is located in the Guyane Maritime licence. Depending on rig availability, the program is planned for the third to fourth quarter of 2008, with anticipated duration of around 30 to 60 days. Tullow became operator of the Guyana Maritime licence following its acquisition of Hardman Resources in 2006.

**MEXICO:** PEMEX has issued tender package 18575088-003-08 for the charter of two self-propelled 350ft jackups for workovers and completions only, for three-year contracts offshore Mexico. Part 1 of the tender requires a rig to commence operations in October 2008, while Part 2 has a scheduled start date in December 2008. A clarification meeting is scheduled for March 24, with bids to be opened on April 30.

**TRINIDAD:** Maersk-managed semi Kan Tan IV will shortly commence operations on Bounty, the second well of its three-well exploration program for Canadian Superior on the Intrepid Block 5 (c) offshore Trinidad. Bounty follows the success of the first well in the program, Victory, where two natural gas zones were discovered with an estimated combined production rate potential of over 100 million cfd. The Canadian Superior charter is taking longer than originally anticipated, meaning that drilling of Bounty and the final well of the campaign, Endeavour, is now likely to keep Kan Tan IV occupied until around August 2008. Following this, the rig will mobilize to Australia for a 350 days plus options contract with ADA on behalf of a consortium of operators in the region, which will keep it busy until at least first quarter 2010.

## Mediterranean/Middle East Rig Market News

### Newbuilds drawn to Middle East

A number of newbuild jackups have secured long term contracts in the Middle East. With demand continuing to outstrip supply in the region, a further influx of newbuilds is likely. The Mediterranean floater market is also stretched with a deficit of around four units expected from fourth quarter. Extra supply will be needed in 2009 if operators are to fill their outstanding programs.

### Market Highlights

EGYPT: Egyptian Drilling Company (EDC) jackup Zoser will be farmed out by Petrobel to EGPC for a four-month period starting in March 2008. The reassignment will cover the drilling of two wells on the Amer and al-Hamed fields in the Gulf of Suez. Petrobel's contract for the Zoser is due to expire on July 31, 2008, and the rig is available for charter thereafter. EDC jackup Kamose is also available this year following its GUPCO contract, which expires on Oct. 4, 2008. The rig is presently operating in the Gulf of Suez, along with EDC jackup Senusret, which was previously working in the Egyptian sector of the Mediterranean Sea.

EGYPT: Transocean jackup GSF Rig 105 has secured a new three-year commitment with Petrobel. The contract, to cover operations in the Gulf of Suez, will commence in mid-March 2008 in continuation from the rig's ongoing charter with the operator. GSF Rig 105 is one of six Transocean jackups currently operating in the Gulf of Suez.

IRAN: Petropars has secured Aban Offshore jackup Aban VIII for the South Pars Phase 12 project in Iran and is presently in negotiations for a second jackup. Program commencement for the Aban VIII is scheduled for June 2008. The rig is scheduled for delivery from Singapore's Sembawang Shipyard around the end of March. In late 2006, Petropars circulated tender documents for provision of two jackups to drill 18 development wells each starting between Jan. 1 and Oct. 1, 2008.

IRAN: IOOC has exercised a one-year option in the ongoing charter of jackup Oriental 1 (ex-Fortuna). The contract has now been extended to June 2009. The unit is owned by the Oriental Group and managed by Kito Enterprises LLC. Oriental 1 is currently moving to the Heengam field offshore Iran and has been deployed to various locations such as the Soorosh field, Sirri Island and the Forouzan field while under this contract.

QATAR: RasGas has issued ITTs for the provision of a jackup to undertake drilling and completion operations in the North field offshore Qatar. The duration of the initial term is between 160 and 240 days with three optional extension periods of up to 140 days each. The current scheduled commencement window is between Nov. 1, 2008 and May 1, 2009. An independent leg, cantilever jackup rated for 225ft water depth is required. The closing date for unpriced bids is March 30, 2008 and the deadline for priced bids is June 8.

SAUDI ARABIA: Saipem has finalized a four-year bareboat charter of jackup Petrojack II, with an option to purchase the unit after 12 months for a price of around EUR 135 million (USD 200 million). The rig is currently under construction at the Jurong Shipyard in Singapore and delivery is expected in the second quarter. Saipem will deploy the unit to Saudi Arabia, where a three-year contract with Saudi Aramco has been lined up. Saudi Aramco has the option to extend the charter by an additional year. The operator has also exercised the first of two one-year options in the existing charter of Saipem jackup Perro Negro 2, which is now committed offshore Saudi Arabia until June 2009. The remaining option would extend the contract to June 2010.



## North America Rig Market News

### Second quarter looks promising

Drilling contractors in the U.S. Gulf report an increase in demand for jackups for programs starting in second quarter. As utilization firms up, an increase in day rates may follow, however, contractors are unlikely to push rates very far in order to avoid potential programs being canceled.

### Market Highlights

**USA GULF OF MEXICO:** Transocean drillship Deepwater Millennium was awarded a three-year extension from Anadarko that could generate approximately USD 586 million in revenues, excluding mobilization, demobilization and cost escalations. The extension is set to begin in June 2010, in direct continuation of the rig's current three-year commitment with Anadarko. The rig began drilling an exploration well on Lloyd Ridge Block 399 in 9,026 fsw at the beginning of this month.

**USA GULF OF MEXICO:** Petrobras has one outstanding drilling requirement in 2008, for a drillship or semisubmersible to drill one well at an as-yet undisclosed location. The operator is looking to sublet a rig capable of working in at least 9,000 feet of water, for a period of at least 60 days. It is understood Petrobras is looking at spudding the well as soon as a rig is available. Aside from the aforementioned well, the operator does not have any additional confirmed drilling plans for 2008.

**USA GULF OF MEXICO/CANADA:** StatoilHydro has decided to relocate Transocean semi Henry Goodrich from the U.S. Gulf to Canada due to MMS hurricane-related restrictions for moored semis. Departure will be following conclusion of the rig's current assignment with Marathon, expected around June 2008. The rig is under firm contract with StatoilHydro until August 2009, and will work offshore Canada for the remainder of the contract term with StatoilHydro, Petro-Canada and Husky under a rig share agreement. Henry Goodrich arrived in the U.S. Gulf from Canada in September 2007, but since its arrival the rig has not worked with StatoilHydro but was farmed out to Noble Energy and Marathon instead. StatoilHydro had planned to drill a well in the Krakatao prospect in Mississippi Canyon Block 540 with Henry Goodrich in second quarter; with the unit leaving the region this program is now part of StatoilHydro's future plans.

**USA GULF OF MEXICO:** Hunt Petroleum has awarded a contract to jackup ENSCO 83 for two wells plus one option starting end February. The firm work scope comprises one well in East Cameron Block 178 and one well in South Marsh Island Block 44, with a total anticipated minimum duration of 77 days, potentially stretching to 126 days. ENSCO 83 has been hot stacked in South Timbalier Block 82 since mid-February, and this contract award will likely keep it working through second quarter.

**USA GULF OF MEXICO:** W&T Offshore is planning to drill 50 wells this year, which would be a company record. The majority of the wells are on properties acquired from Kerr-McGee last year. About two-thirds of the planned wells involve existing platforms or infrastructure. So far this year, the operator has drilled four successful wells.

**USA GULF OF MEXICO:** Energy Partners (EPL) is looking for a semi to drill one well in its Raton prospect in Mississippi Canyon Block 248 in early to mid-second quarter. In order to drill at its anticipated spud date, the operator would need to sublet a rig, as the next semisubmersible capable of drilling that location will not be available until second quarter 2009. The Raton prospect lies in approximately 3,380 feet of water. EPL also stated that for 2008, up to USD 200 million has been set aside for offshore drilling operations in the Gulf of Mexico. Apart from its deepwater Raton prospect, the operator does not have any confirmed outstanding drilling plans.

## Northwest Europe Rig Market News

### Markets strong

Northwest Europe is forecast to keep the current rig fleet fully employed through 2008 and 2009. However, due to the lack of long-term requirements and the ever declining size of fields, a reduction in rig demand from 2010 onwards is anticipated.

### Market Highlights

**IRELAND:** Providence Resources has chartered Transocean semi GSF Arctic II for a drilling program in the Celtic Sea this summer. The work scope covers two firm wells plus a one-well option. The primary objective of the drilling campaign will be to further appraise the Hook Head oil accumulation. Depending on the outcome of the appraisal program, the partners may also elect to drill a further appraisal well on the adjacent Dunmore East 50/6-1 oil discovery, located some 20 kilometres north of the Hook Head accumulation.

**UK:** ExxonMobil is considering the use of a jackup already contracted by a partner to cover a proposed well in UK Block 37/25 on the Corbenic location. The operator issued an enquiry in December 2007 assessing jackup availability for the program lasting 62 days in a water depth of around 38 msw (125 fsw). This is a commitment well that must be drilled before third quarter 2009. It is also understood the proposed two-well exploration program on the Dunquin prospect off the west of Ireland has been rescheduled for 2009.

**UK:** Nexen has opted to increase its charter of semi Transocean Prospect from one year to two years. A letter of intent was issued in early February and the contract has recently been signed. The Nexen charter will cover exploration and development work on the UKCS. Transocean Prospect is currently sublet from CNR to AGR, with this completing this month. It then returns to CNR International, and completes this contract around September 2008 before commencing a yard stay, followed by the Nexen charter. The unit is next available around November 2010.

**UK:** AGR may come to the market shortly to seek rig availability for potential semi and jackup programs in the UK sector. The project manager is putting together a possible nine- to 12-month semi program, commencing around third or fourth quarter 2008, and a potential 12-month jackup program, starting around third quarter 2008. Both programs will be composed of requirements from a variety of operators.

**NORWAY/UK:** Chevron has a 68-day sublet slot available on its contract with semi Stena Spey in a period from June 8 to Aug. 14 but subject to flexibility. Discussions with potential subletters are underway. In addition, Chevron is talking to Perenco regarding a 40-day sublet of the rig immediately prior to this farm-out period. Perenco is sourcing a unit for a one-well program on the Spitfire location on Block 21/30. If a sublet to Perenco is finalized, the rig would start this around early May, followed by the 68-day slot, and an already finalized two-well sublet to StatoilHydro for work in the UK sector in August. The postponement of work on Strathspey until 2009 has created the sublet opportunities. Stena Spey is committed with Chevron until mid-2010.

**UK:** Semi Borgsten Dolphin has been awarded a letter of intent for a nine-month contract for operations in the UK North Sea. The agreement, which remains subject to finalization of contract terms, is in direct continuation from the present contract from around August 2008. The estimated contract value is USD 104 million. The rig was recently inspected by Maersk Oil UK regarding its tender for a semi for nine months' work on the Dumbarton field.

## Current & Planned Rig Mobilization Activity

### Drillships

Rig Name	Rig Owner	Start	ETA	Moving From	Moving To	New Operator
Neptune Discoverer	Neptune Marine Dr.	23-Dec-07	12-Mar-08	Southeast Asia	Central America	-
Frontier Discoverer	Frontier Drilling	31-Mar-08	14-Apr-08	Southeast Asia	Australia/NZ	-
MPF-01	MPF	01-Apr-08	01-Jun-08	Far East	NW Europe	-
Neptune Discoverer	Neptune Marine Dr.	11-Apr-08	14-Apr-08	Central America	South America	-
Songa Saturn	Songa Offshore	14-Apr-08	21-Apr-08	West Africa	Med/Black Sea	Hess
Neptune Explorer	Neptune Marine Dr.	25-Apr-08	05-May-08	Southeast Asia	Indian Ocean	Reliance
Deepwater Millennium	Transocean	25-Apr-08	15-May-08	USA, GOM	South America	-
Discoverer Seven Seas	Transocean	20-May-08	01-Jun-08	Southeast Asia	Indian Ocean	ONGC
Stena Carron	Stena	01-Jun-08	30-Jun-08	Far East	NW Europe	Chevron
Deepwater Expedition	Transocean	15-Jun-08	17-Jul-08	West Africa	Indian Ocean	Reliance
Aban Abraham	Aban Offshore	28-Jun-08	28-Jul-08	Southeast Asia	West Africa	-
West Polaris	Seadrill	30-Jun-08	14-Aug-08	Far East	South America	-
Stena DrillMAX	Stena	24-Jul-08	14-Aug-08	South America	USA, GOM	-
Bully 1	Frontier Drilling	01-Aug-08	31-Aug-08	Far East	Southeast Asia	Shell
Discoverer Clear Leader	Transocean	30-Sep-08	29-Nov-08	Far East	USA, GOM	Chevron
Aban Abraham	Aban Offshore	16-Oct-08	07-Nov-08	West Africa	Med/Black Sea	-
Deepwater Discovery	Transocean	24-Nov-08	24-Dec-08	West Africa	South America	-
West Capella	Seadrill	01-Dec-08	22-Dec-08	Far East	West Africa	Total
Aban Abraham	Aban Offshore	15-Dec-08	04-Jan-09	Med/Black Sea	West Africa	Addax

### Semisubmersibles

Rig Name	Rig Owner	Start	ETA	Moving From	Moving To	New Operator
West Phoenix	Seadrill	20-Mar-08	18-Jun-08	Far East	NW Europe	Total
Maersk Semi Tbn1	Maersk Contractors	27-Mar-08	01-Jun-08	Southeast Asia	USA, GOM	StatoilHydro
Sovereign Explorer	Transocean	27-Mar-08	01-Apr-08	Central America	South America	Repsol YPF
Doo Sung	KNOC	30-Mar-08	01-Jun-08	Indian Ocean	Far East	Kamchatneftegaz
Aker Barents	Aker Drilling	31-Mar-08	15-May-08	Middle East	NW Europe	Lundin Petroleum
Blackford Dolphin	Dolphin	01-Apr-08	01-May-08	NW Europe	West Africa	Tullow Oil
Ocean Yorktown	Diamond Offshore	02-Apr-08	17-May-08	USA, GOM	South America	Petrobras
Ocean Ambassador	Diamond Offshore	15-Apr-08	22-Apr-08	Mexico	USA, GOM	Apache
Energy Driller	Jet Drilling	15-Apr-08	01-May-08	Southeast Asia	Indian Ocean	ONGC
Sea Explorer	Pride	15-Apr-08	15-May-08	Med/Black Sea	West Africa	Eni
Zagreb 1	Croscos	22-Apr-08	28-Apr-08	USA, GOM	Mexico	Pemex
West Sirius	Seadrill	30-Apr-08	30-Jun-08	Southeast Asia	USA, GOM	Devon Energy
Nanhai II	COSL	01-May-08	15-May-08	Indian Ocean	Far East	CNOOC
Oban B	SeaDragon Offshore	01-May-08	21-May-08	Russian Arctic	NW Europe	Pemex
Henry Goodrich	Transocean	15-May-08	01-Jul-08	USA, GOM	Canada, East	Husky Oil
Ocean Worker	Diamond Offshore	01-Jun-08	11-Aug-08	Central America	South America	Petrobras
Pride Mexico	Pride	01-Jun-08	01-Jul-08	USA, GOM	South America	Petrobras
Naga-1	Japan Drilling	08-Jun-08	22-Jun-08	Southeast Asia	Indian Ocean	-
Eirik Raude	Ocean Rig	08-Jul-08	18-Jul-08	USA, GOM	Canada, East	-
Jack Bates	Transocean	10-Jul-08	24-Jul-08	Australia/NZ	Southeast Asia	-
Byford Dolphin	Dolphin	11-Jul-08	18-Jul-08	NW Europe	Baltic	-
Transocean Legend	Transocean	11-Jul-08	15-Jul-08	Far East	Southeast Asia	Tap Oil
Noble Max Smith	Noble	16-Jul-08	21-Jul-08	USA, GOM	Mexico	Pemex
Naga-1	Japan Drilling	22-Jul-08	05-Aug-08	Indian Ocean	Southeast Asia	Conson JOC
Eirik Raude	Ocean Rig	25-Jul-08	03-Sep-08	Canada, East	West Africa	Tullow Oil
GSF Arctic III	Transocean	29-Jul-08	01-Sep-08	NW Europe	Med/Black Sea	Eni
Kan Tan IV	Beijing Zhiyuan Ind.	01-Aug-08	20-Sep-08	Central America	Australia/NZ	-
Byford Dolphin	Dolphin	08-Sep-08	15-Sep-08	Baltic	NW Europe	-
ENSCO 8500	ENSCO	15-Sep-08	07-Dec-08	Southeast Asia	USA, GOM	Anadarko
Transocean Legend	Transocean	23-Sep-08	07-Oct-08	Southeast Asia	Indian Ocean	Daewoo
Blackford Dolphin	Dolphin	28-Sep-08	17-Nov-08	West Africa	Indian Ocean	-
GSF Celtic Sea	Transocean	02-Oct-08	01-Nov-08	USA, GOM	South America	BG
Deepsea Atlantic	Odfjell Drilling	15-Oct-08	01-Jan-09	Far East	NW Europe	Statoil

## Current & Planned Rig Mobilization Activity

### Semisubmersibles continued

Rig Name	Rig Owner	ETA	Moving From		Moving To	New Operator
Deepsea Atlantic	Odfjell Drilling	15-Oct-08	01-Jan-09	Far East	NW Europe	StatoilHydro
Ocean Monarch	Diamond Offshore	25-Oct-08	24-Dec-08	Southeast Asia	USA, GOM	Anadarko
Doo Sung	KNOC	31-Oct-08	01-Dec-08	Far East	Southeast Asia	-
Noble Dave Beard	Noble	31-Oct-08	14-Jan-09	Far East	South America	-
Sedco 706	Transocean	10-Dec-08	29-Jan-09	Southeast Asia	South America	Chevron
Jack Bates	Transocean	27-Dec-08	10-Jan-09	Southeast Asia	Australia/NZ	Woodside
Jack Bates	Transocean	27-Dec-08	10-Jan-09	Southeast Asia	Australia/NZ	Hess
WilPioneer	Awilco	31-Dec-08	02-Mar-09	Far East	NW Europe	BP
Sevan Driller	Sevan Drilling	31-Dec-08	10-Feb-09	Far East	USA, GOM	Petrobras

### Jackups

Rig Name	Rig Owner	Start	ETA	Moving From	Moving To	New Operator
Bob Keller	Rowan	17-Feb-08	07-Apr-08	USA, GOM	Middle East	Saudi Aramco
Al Zubarah	Gulf Drilling Int.	15-Mar-08	05-Apr-08	Southeast Asia	Middle East	-
Offshore Courageous	Scorpion Offshore	15-Mar-08	01-Apr-08	Indian Ocean	Middle East	RAK Petroleum
Kolskaya	Arktikmor	17-Mar-08	19-Apr-08	NW Europe	Russian Arctic	Gazflot
Petrojack II	Petrojack	25-Mar-08	15-Apr-08	Southeast Asia	Middle East	Saudi Aramco
Rowan Gorilla VII	Rowan	25-Mar-08	16-Apr-08	NW Europe	West Africa	Cabinda Gulf
Ocean Shield	Diamond Offshore	10-Apr-08	01-May-08	Southeast Asia	Australia/NZ	Eni
Aban VIII	Aban Offshore	01-May-08	01-Jun-08	Southeast Asia	Middle East	Petropars
Transocean Nordic	Transocean	01-May-08	31-May-08	Southeast Asia	Far East	-
WilForce	Premium Drilling	15-Jun-08	15-Jul-08	Southeast Asia	Med/Black Sea	Repsol YPF
Pride Colorado	Pride	30-Jun-08	05-Jul-08	Mexico	USA, GOM	-
Maersk High Efficiency No.2	Maersk Contractors	01-Jul-08	31-Jul-08	Southeast Asia	NW Europe	DONG
Noble Hans Deul	Noble	31-Jul-08	30-Aug-08	Far East	NW Europe	Shell
SeaWolf Oritsetimeyin	SeaWolf	30-Aug-08	29-Sep-08	Middle East	West Africa	-
Transocean Nordic	Transocean	01-Sep-08	01-Oct-08	Far East	Southeast Asia	-
Discovery I	Jindal Drilling	15-Sep-08	29-Sep-08	Southeast Asia	Indian Ocean	ONGC
SeaWolf Onome	SeaWolf	01-Dec-08	31-Dec-08	Middle East	West Africa	-
Virtue I	Jindal Pipes	02-Dec-08	23-Dec-08	Southeast Asia	Indian Ocean	-

### Tenders

Rig Name	Rig Owner	Start	ETA	Moving From	Moving To	New Operator
Al Baraka I	KCA Deutag	31-Jan-08	05-May-08	West Africa	Southeast Asia	Shell
West Berani	Seadrill	31-Jan-09	03-Mar-09	Southeast Asia	West Africa	Cabinda Gulf
West Berani II	Seadrill	01-Feb-10	22-Feb-10	Southeast Asia	West Africa	-

## U.S. Gulf Lease Sale Supplement

The U.S. Minerals Management Service (MMS) this month held Central Gulf of Mexico Lease Sale No. 206 and Eastern Gulf of Mexico Lease Sale No. 224, which offered blocks in the eastern Gulf of Mexico. Full details of both sales, including estimated water depths for each block, are contained in the Lease Sale Supplement that accompanies this issue of *Offshore Rig Monthly*. The PDF version of the supplement can also be downloaded at [www.ods-petrodata.com](http://www.ods-petrodata.com).

### And finally...

The IRS decides to audit Ralph, and summons him to the IRS office. The IRS auditor is not surprised when Ralph shows up with his attorney.

The auditor says, "Well, sir, you have an extravagant lifestyle and no full-time employment, which you explain by saying that you win money gambling. I'm not sure the IRS finds that believable."

"I'm a great gambler, and I can prove it," says Ralph. "How about a demonstration?"

The auditor thinks for a moment and said, "Okay. Go ahead." Ralph says, "I'll bet you a thousand dollars that I can bite my own eye."

The auditor thinks a moment and says, "No way! It's a bet." Ralph removes his glass eye and bites it. The auditor's jaw drops.

Ralph says, "Now, I'll bet you two thousand dollars that I can bite my other eye." The auditor can tell Ralph isn't blind, so he takes the bet. Ralph removes his dentures and bites his good eye.

The stunned auditor now realizes he has wagered and lost three grand, with Ralph's attorney as a witness.

He starts to get nervous. "Want to go double or nothing?" Ralph asks. "I'll bet you six thousand dollars that I can stand on one side of your desk, and pee into that wastebasket on the other side, and never get a drop anywhere in between."

The auditor, twice burned, is cautious now, but he looks carefully and decides there's no way this guy can manage that stunt, so he agrees again.

Ralph stands beside the desk and unzips his pants, but although he strains mightily, he can't make the stream reach the wastebasket on other side, so he pretty much urinates all over the IRS man's desk.

The auditor leaps with joy, realizing that he has just turned a major loss into a huge win. But Ralph's attorney just moans and puts his head in his hands.

"Are you okay?" the auditor asks.

"Not really," says the attorney. "This morning, when Ralph told me he'd been summoned for an audit, he bet me twenty-thousand dollars that he could come in here and pee all over an IRS official's desk and that you'd be happy about it."

# Central Gulf of Mexico

## Oil and Gas Lease Sale No. 206 March 19, 2008



**Supplement to Gulf of Mexico Newsletter, Gulf of Mexico Drilling Report,  
Gulf of Mexico Rig Locator, Offshore Rig Locator, Offshore Rig Monthly,  
The Atlantis Deepwater Report and The Offshore International  
Newsletter**

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The listing of sale results in this supplement are presented **Alphabetically by Operator**. The data also is available in MS Excel format for \$50. The Excel file contains the estimated water depth information included in this printed version, which is not provided by the MMS. We also have available the entire inventory of federal Gulf of Mexico leases in their primary term along with their current drilled status. For additional information and prices, contact Donna Adlian at the address below, or e-mail [research@ods-petrodata.com](mailto:research@ods-petrodata.com).

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**3200 Wilcrest Dr., Ste. 170 Houston, Texas 77042**  
**Telephone: (832) 463-3000**  
**Fax: (832) 463-3100**

### Statistical Review

Total acres offered..... 29,787,263.97  
 Total acres receiving bids..... 3,323,047.73  
 Total blocks receiving bids..... 615  
 Total number of bids..... 1,057  
 Total money exposed..... \$5,740,047,263  
 Total of high bids..... \$3,677,688,245  
 Average of high bids..... \$5,979,980  
 Highest bid..... \$105,600,789  
 Anadarko, Murphy, Samson - Green Canyon Block 432  
 Number of lead bidders placing high bids..... 67  
 Total companies participating in high bids..... 69  
 Total companies participating in sale..... 85

Lead bidder bidding most apparent high bids:  
 BP Exploration & Production - 63 blocks  
 Bidder submitting highest dollar amount in high bids:  
 Hess Corp. - 25 bids

#### Water depth summary:

Water depth	# of bids	Total High Bids	Lease Term
0-199 m	185	\$209,845,581	5 years
200-399 m	19	\$40,958,069	5 years
400-799 m	46	\$192,031,337	8 years
800-1,599 m	153	\$1,246,474,931	10 years
1,600 m+	212	\$1,988,378,327	10 years

### Companies Winning Blocks

*Lease awards are subject to final Minerals Management Service (MMS) approval. Assignment of lead bidders is based on best available information, but is not definitive as this information is not provided by the MMS. (Parenthesis indicate blocks won where company is not considered the lead bidder.) Operatorship may differ when exploration activities begin.*

ANADARKO.....13	ENERGY XXI.....5	NOBLE ENERGY.....10.....(5)
APACHE CORP.....8	ENI PETROLEUM.....31	NORTHSTAR GOM.....1
APEX O&G.....1	ENTEK USA.....1	PETROBRAS AMERICA.....13.....(9)
ARENA ENERGY.....2	EXXONMOBIL.....15	PETROVAL.....(1)
ATP O&G.....3	FOCUS EXPLORATION.....10	PETSEC ENERGY.....2
BARON PETROLEUM.....1	GRIMES ENERGY CO.....(1)	PLAINS E&P CO.....2
BAYOU BEND.....1	HALL-HOUSTON.....1	REPSOL E&P USA.....20.....(12)
BERYL O&G.....5	HELIS O&G.....1.....(2)	REPUBLIC EXPLORATION..1
BHP BILLITON.....40.....(2)	HESS.....14.....(11)	SAMSON OFFSHORE.....4
BOIS D'ARC.....11	HOUSTON ENERGY.....2.....(3)	SAMSON OFFSHORE.....(11)
BP.....63	HUNT OIL.....16	SENECA RESOURCES.....3
BRETON ENERGY.....1	LEED PETROLEUM.....2	SHELL.....7
CAL DIVE.....3	LLOG EXPLORATION.....19.....(6)	STATOILHYDRO.....16
CASTEX OFFSHORE.....6	LYMAC E&P.....1	STEPHENS PRODUCTION...-.....(1)
CENTURY EXPLORATION...5	MAERSK OIL.....2	STONE ENERGY.....12.....(13)
CGM.....1	MAKO OFFSHORE EXPL.....(1)	TANA EXPLORATION.....9
CHEVRON.....49	MARATHON.....10.....(5)	TENGASCO.....1
CIMAREX ENERGY.....1	MARINER.....15.....(4)	TEXAS STANDARD O&G....1
CL&F RESOURCES.....-.....(1)	MARITECH RESOURCES...3	TOTAL.....12.....(1)
COBALT INTL.....24.....(12)	MAXUS EXPLORATION.....(2)	VIRGIN OFFSHORE USA....-.....(1)
CONOCOPHILLIPS.....20	MCMORAN O&G.....7	W&T OFFSHORE.....4
DAVIS OFFSHORE.....6	MCX GOM.....1	WALTER O&G.....1
DEEP GULF ENERGY.....1	MURPHY E&P.....1.....(4)	WINWELL LLC.....1
DEVON ENERGY.....33.....(2)	NEWFIELD EXPL.....16.....(3)	WOODSIDE ENERGY.....3.....(7)
EL PASO E&P.....7	NEXEN PETROLEUM.....3.....(6)	ZENERGY.....1
ENERGY PARTNERS.....7.....1	NIPPON OIL.....3	

HIGH BIDDER	BLOCK NAME & NUMBER	ACRES	COST PER ACRE (\$)	BONUS (\$)	APPROXIMATE WATER DEPTH
ANADARKO	GARDEN BANKS 256	5,760	4128.57	23,780,560	1,534'
ANADARKO	GARDEN BANKS 301	5,760	200.79	1,156,560	2,215'
ANADARKO	GREEN CANYON 771	5,760	89.68	516,560	4,710'
ANADARKO	MISSISSIPPI CANYON 116	5,760	723.14	4,165,300	2,650'
ANADARKO, MURPHY E&P	LLOYD RIDGE 286	5,760	1397.44	8,049,250	10,092'
ANADARKO, MURPHY E&P	LLOYD RIDGE 330	5,760	43.75	252,010	9,990'
ANADARKO, MURPHY E&P, SAMSON OFFSHORE	GREEN CANYON 432	5,760	18333.47	105,600,789	3,360'
ANADARKO, MURPHY E&P, SAMSON OFFSHORE	GREEN CANYON 476	5,760	399.56	2,301,456	3,840'
ANADARKO, STONE ENERGY	GARDEN BANKS 121	5,760	4556.55	26,245,750	625'
ANADARKO, STONE ENERGY	GARDEN BANKS 122	5,760	280.90	1,618,000	871'
ANADARKO, WOODSIDE ENERGY	ATWATER VALLEY 9	5,760	1352.20	7,788,660	3,445'
ANADARKO, WOODSIDE ENERGY	GARDEN BANKS 171	5,760	4247.00	24,462,720	1,350'
ANADARKO, WOODSIDE ENERGY	KEATHLEY CANYON 252	5,760	2669.77	15,377,870	6,479'
APACHE CORP	EWING BANK 785	761	159.16	121,121	480'
APACHE CORP	GRAND ISLE 117	4,539	105.74	479,974	320'
APACHE CORP	MAIN PASS 272	4,994	40.27	201,102	209'
APACHE CORP	MAIN PASS 302	4,999	501.20	2,505,505	230'
APACHE CORP	MAIN PASS 308	4,999	961.95	4,808,808	328'
APACHE CORP	SHIP SHOAL 107	5,000	40.22	201,102	20'
APACHE CORP	SHIP SHOAL 211	5,050	37.40	188,881	88'
APACHE CORP	SHIP SHOAL 278	5,000	78.00	389,983	200'
APEX O&G	SOUTH MARSH ISLAND 96	5,000	214.36	1,071,777	171'
ARENA ENERGY	MAIN PASS 141	4,994	106.13	530,000	170'
ARENA ENERGY	VERMILION 144	5,000	50.20	251,000	81'
ATP O&G	ATWATER VALLEY 19	5,760	40.28	231,990	4,283'
ATP O&G	ATWATER VALLEY 62	5,760	40.28	231,990	4,215'
ATP O&G	MISSISSIPPI CANYON 304	5,760	44.62	257,000	6,800'
BARON PETROLEUM	EUGENE ISLAND 147	5,000	403.95	2,019,750	52'
BAYOU BEND OFFSHORE	VERMILION 108	5,000	77.40	387,000	40'
BERYL O&G	SOUTH TIMBALIER 198	5,000	66.67	333,333	124'
BERYL O&G	VIOSCA KNOLL 21	5,742	38.70	222,223	66'
BERYL O&G	VIOSCA KNOLL 22	5,760	38.58	222,223	71'
BERYL O&G	VIOSCA KNOLL 66	5,760	31.57	181,819	72'
BERYL O&G	VIOSCA KNOLL 157	5,453	33.34	181,819	106'
BHP BILLITON	DESOTO CANYON 499	5,760	108.60	625,558	3,600'
BHP BILLITON	DESOTO CANYON 543	5,760	108.60	625,558	3,750'
BHP BILLITON	DESOTO CANYON 544	5,760	108.60	625,558	3,582'
BHP BILLITON	DESOTO CANYON 545	5,760	108.60	625,558	3,582'
BHP BILLITON	DESOTO CANYON 586	5,760	108.60	625,558	4,350'
BHP BILLITON	DESOTO CANYON 587	5,760	110.34	635,558	4,110'
BHP BILLITON	DESOTO CANYON 588	5,760	110.34	635,558	4,110'
BHP BILLITON	DESOTO CANYON 589	5,760	109.47	630,558	4,110'
BHP BILLITON	DESOTO CANYON 590	5,760	183.26	1,055,555	3,540'
BHP BILLITON	DESOTO CANYON 591	5,760	211.61	1,218,888	3,390'
BHP BILLITON	DESOTO CANYON 631	5,760	114.39	658,888	4,500'
BHP BILLITON	DESOTO CANYON 632	5,760	117.86	678,888	4,170'
BHP BILLITON	DESOTO CANYON 633	5,760	217.98	1,255,555	4,080'
BHP BILLITON	DESOTO CANYON 634	5,760	380.02	2,188,888	3,600'
BHP BILLITON	DESOTO CANYON 635	5,760	382.91	2,205,555	3,498'
BHP BILLITON	DESOTO CANYON 676	5,760	107.39	618,555	4,800'
BHP BILLITON	DESOTO CANYON 677	5,760	245.58	1,414,555	4,500'
BHP BILLITON	DESOTO CANYON 678	5,760	969.77	5,585,855	4,200'
BHP BILLITON	DESOTO CANYON 679	5,760	921.10	5,305,555	3,720'
BHP BILLITON	DESOTO CANYON 721	5,760	106.87	615,555	6,000'
BHP BILLITON	DESOTO CANYON 722	5,760	174.58	1,005,555	6,000'
BHP BILLITON	DESOTO CANYON 723	5,760	193.67	1,115,555	4,500'
BHP BILLITON	DESOTO CANYON 768	5,760	95.58	550,555	9,000'
BHP BILLITON	GREEN CANYON 211	5,760	444.19	2,558,555	2,700'
BHP BILLITON	GREEN CANYON 212	5,760	1016.59	5,855,555	2,900'
BHP BILLITON	GREEN CANYON 233	5,760	362.65	2,088,888	2,650'
BHP BILLITON	MISSISSIPPI CANYON 543	5,760	89.56	515,885	2,100'
BHP BILLITON	MISSISSIPPI CANYON 544	5,760	275.27	1,585,555	2,220'
BHP BILLITON	SOUTH MARSH ISLAND 167	3,437	170.46	585,885	272'
BHP BILLITON	SOUTH MARSH ISLAND 182	3,473	180.13	625,585	300'
BHP BILLITON	VERMILION 378	4,020	205.36	825,555	348'

HIGH BIDDER	BLOCK NAME & NUMBER	ACRES	COST PER ACRE (\$)	BONUS (\$)	APPROXIMATE WATER DEPTH
BHP BILLITON, COBALT INTL	GREEN CANYON 105	5,760	362.65	2,088,888	1,560'
BHP BILLITON, COBALT INTL	GREEN CANYON 149	5,760	709.88	4,088,888	1,950'
BHP BILLITON, COBALT INTL	GREEN CANYON 620	5,760	501.54	2,888,888	4,300'
BHP BILLITON, COBALT INTL	GREEN CANYON 633	5,760	1803.63	10,388,888	4,800'
BHP BILLITON, COBALT INTL	GREEN CANYON 664	5,760	136.96	788,888	4,200'
BHP BILLITON, COBALT INTL	GREEN CANYON 676	5,760	10570.99	60,888,888	5,091'
BHP BILLITON, COBALT INTL	GREEN CANYON 708	5,760	136.96	788,888	4,800'
BHP BILLITON, MARATHON, WOODSIDE ENERGY, MAXUS EXPLORATION	ATWATER VALLEY 529	5,760	263.12	1,515,555	4,122'
BHP BILLITON, MARATHON, WOODSIDE ENERGY, MAXUS EXPLORATION	GREEN CANYON 569	5,148	98.59	507,555	3,943'
BOIS D'ARC	EAST CAMERON 130	5,000	80.87	404,350	75'
BOIS D'ARC	EAST CAMERON 287	5,000	60.67	303,350	183'
BOIS D'ARC	EUGENE ISLAND 274	5,000	50.69	253,450	178'
BOIS D'ARC	EUGENE ISLAND 326	5,000	50.67	253,350	248'
BOIS D'ARC	GREEN CANYON 111	5,760	990.87	5,707,430	1,680'
BOIS D'ARC	SHIP SHOAL 96	5,000	30.31	151,560	30'
BOIS D'ARC	SHIP SHOAL 133	5,000	30.31	151,560	38'
BOIS D'ARC	SHIP SHOAL 185	5,000	100.47	502,350	60'
BOIS D'ARC	VERMILION 96	5,000	500.49	2,502,450	35'
BOIS D'ARC	VERMILION 123	5,000	50.69	253,450	75'
BOIS D'ARC	VERMILION 251	4,489	67.89	304,760	143'
BP	ATWATER VALLEY 53	5,760	45.73	263,428	3,445'
BP	ATWATER VALLEY 314	5,760	45.73	263,428	3,850'
BP	ATWATER VALLEY 356	5,760	45.73	263,428	3,663'
BP	ATWATER VALLEY 357	5,760	45.73	263,428	3,860'
BP	ATWATER VALLEY 399	5,760	141.22	813,428	3,780'
BP	ATWATER VALLEY 442	5,760	71.78	413,428	4,200'
BP	ATWATER VALLEY 443	5,760	54.41	313,428	4,015'
BP	GARDEN BANKS 76	2,864	57.06	163,428	525'
BP	GARDEN BANKS 291	5,760	158.58	913,428	1,525'
BP	GARDEN BANKS 295	5,760	45.73	263,428	1,379'
BP	GARDEN BANKS 636	5,760	521.43	3,003,428	2,650'
BP	GARDEN BANKS 831	5,760	45.73	263,428	5,100'
BP	GARDEN BANKS 860	5,760	71.78	413,428	3,813'
BP	GARDEN BANKS 900	5,760	695.04	4,003,428	4,100'
BP	GARDEN BANKS 944	5,760	2431.15	14,003,428	4,100'
BP	GARDEN BANKS 945	5,760	175.94	1,013,428	4,430'
BP	GARDEN BANKS 994	5,760	89.14	513,428	5,250'
BP	GARDEN BANKS 995	5,760	434.62	2,503,428	4,920'
BP	GRAND ISLE 60	5,000	240.69	1,203,428	108'
BP	GRAND ISLE 61	4,539	485.44	2,203,428	100'
BP	GRAND ISLE 62	4,539	47.02	213,428	110'
BP	GREEN CANYON 286	5,760	9896.43	57,003,428	3,200'
BP	GREEN CANYON 376	5,760	695.04	4,003,428	3,100'
BP	GREEN CANYON 419	5,760	89.14	513,428	3,270'
BP	GREEN CANYON 420	5,760	11458.93	66,003,428	3,120'
BP	GREEN CANYON 622	5,760	347.82	2,003,428	4,200'
BP	GREEN CANYON 623	5,760	175.94	1,013,428	4,140'
BP	GREEN CANYON 656	5,760	132.54	763,428	4,294'
BP	GREEN CANYON 667	5,760	521.43	3,003,428	4,500'
BP	GREEN CANYON 668	5,760	695.04	4,003,428	4,308'
BP	GREEN CANYON 695	5,760	45.73	263,428	4,450'
BP	GREEN CANYON 711	5,760	39.83	229,428	4,740'
BP	KEATHLEY CANYON 243	5,760	208.93	1,203,428	5,263'
BP	KEATHLEY CANYON 287	5,760	45.73	263,428	5,714'
BP	KEATHLEY CANYON 561	5,760	191.57	1,103,428	6,234'
BP	KEATHLEY CANYON 690	5,760	89.14	513,428	6,730'
BP	KEATHLEY CANYON 734	5,760	39.83	229,428	6,810'
BP	KEATHLEY CANYON 901	5,760	39.83	229,428	6,890'
BP	KEATHLEY CANYON 902	5,760	39.84	229,482	7,218'
BP	KEATHLEY CANYON 946	5,760	39.83	229,428	7,218'
BP	MISSISSIPPI CANYON 69	5,760	45.73	263,428	1,500'
BP	MISSISSIPPI CANYON 156	5,760	45.73	263,428	2,650'
BP	MISSISSIPPI CANYON 252	5,760	5903.37	34,003,428	4,816'
BP	MISSISSIPPI CANYON 297	5,760	54.41	313,428	5,409'
BP	MISSISSIPPI CANYON 339	5,760	8160.32	47,003,428	4,600'
BP	MISSISSIPPI CANYON 340	5,760	45.73	263,428	4,767'
BP	MISSISSIPPI CANYON 609	5,760	45.73	263,428	6,719'
BP	MISSISSIPPI CANYON 684	5,760	89.14	513,428	4,980'
BP	MISSISSIPPI CANYON 937	5,760	89.14	513,428	4,096'



HIGH BIDDER	BLOCK NAME & NUMBER	ACRES	COST PER ACRE (\$)	BONUS (\$)	APPROXIMATE WATER DEPTH
BP	MISSISSIPPI CANYON 980	5,760	89.14	513,428	4,083'
BP	SHIP SHOAL 308	5,255	571.54	3,003,428	300'
BP	SIGSBEE ESCARPMENT 30	5,760	39.83	229,428	7,218'
BP	SIGSBEE ESCARPMENT 31	5,760	39.83	229,428	7,218'
BP	SOUTH TIMBALIER 215	4,639	862.99	4,003,428	135'
BP	SOUTH TIMBALIER 216	4,617	2816.42	13,003,428	150'
BP	SOUTH TIMBALIER 271	4,548	35.93	163,428	210'
BP	SOUTH TIMBALIER 272	4,526	223.91	1,013,428	240'
BP	WEST DELTA 22	1,334	1876.63	2,503,428	25'
BP	WEST DELTA 114	4,999	42.69	213,428	250'
BP, BHP BILLITON	GREEN CANYON 778	5,760	127.70	735,558	4,500'
BP, HESS	WALKER RIDGE 161	5,760	212.71	1,225,225	5,900'
BP, WOODSIDE ENERGY	ATWATER VALLEY 47	5,760	11128.26	64,098,780	2,650'
BP, WOODSIDE ENERGY	ATWATER VALLEY 186	5,760	916.28	5,277,770	4,172'
BRETON ENERGY, VIRGIN OFFSHORE USA	EAST CAMERON 2	2,413	35.02	84,503	26'
CAL DIVE	GARDEN BANKS 508	5,760	41.57	239,463	3,100'
CAL DIVE	WEST CAMERON 553	5,000	30.07	150,331	190'
CAL DIVE	WEST CAMERON 559	5,000	30.07	150,332	197'
CASTEX OFFSHORE	EUGENE ISLAND 49	5,000	325.00	1,625,000	18'
CASTEX OFFSHORE	EUGENE ISLAND 124	5,000	85.00	425,000	32'
CASTEX OFFSHORE	SABINE PASS 14	5,000	85.00	425,000	39'
CASTEX OFFSHORE	SOUTH MARSH ISLAND 12	5,000	325.00	1,625,000	76'
CASTEX OFFSHORE	VERMILION 290	5,000	85.00	425,000	183'
CASTEX OFFSHORE	WEST CAMERON 115	5,000	565.00	2,825,000	35'
CENTURY EXPLORATION	EWING BANK 920	5,760	4034.08	23,236,314	1,395'
CENTURY EXPLORATION	VERMILION 79	5,000	55.74	278,678	46'
CENTURY EXPLORATION	VERMILION 80	5,000	624.68	3,123,421	50'
CENTURY EXPLORATION	WEST CAMERON 64	5,000	506.52	2,532,624	34'
CENTURY EXPLORATION	WEST CAMERON 101	5,000	231.52	1,157,578	40'
CGM, MAKO OFFSHORE EXPL	WEST CAMERON 135	5,000	25.00	125,000	42'
CHEVRON	BRETON SOUND 55	2,497	27.50	68,675	40'
CHEVRON	CHANDELEUR 42	5,000	31.32	156,600	125'
CHEVRON	CHANDELEUR 43	5,000	154.24	771,177	130'
CHEVRON	CHANDELEUR 44	5,000	26.26	131,300	126'
CHEVRON	EUGENE ISLAND 22	4,351	1725.31	7,506,840	10'
CHEVRON	GARDEN BANKS 720	5,760	2901.16	16,710,706	2,950'
CHEVRON	GARDEN BANKS 769	5,760	87.13	501,876	3,000'
CHEVRON	GARDEN BANKS 781	5,760	85.43	492,097	4,504'
CHEVRON	GARDEN BANKS 873	5,760	609.11	3,508,457	4,920'
CHEVRON	GARDEN BANKS 899	5,760	191.83	1,104,965	4,121'
CHEVRON	GREEN CANYON 894	5,760	110.93	638,937	6,157'
CHEVRON	GREEN CANYON 901	5,760	448.70	2,584,537	5,324'
CHEVRON	GREEN CANYON 944	5,760	9557.82	55,053,032	5,460'
CHEVRON	GREEN CANYON 945	5,760	14073.45	81,063,073	5,460'
CHEVRON	GREEN CANYON 989	5,760	876.18	5,046,822	6,000'
CHEVRON	KEATHLEY CANYON 72	5,760	2614.29	15,058,296	5,415'
CHEVRON	KEATHLEY CANYON 112	5,760	126.85	730,652	4,920'
CHEVRON	KEATHLEY CANYON 285	5,760	265.22	1,527,657	5,495'
CHEVRON	KEATHLEY CANYON 328	5,760	88.36	508,927	5,065'
CHEVRON	KEATHLEY CANYON 345	5,760	108.99	627,767	6,560'
CHEVRON	KEATHLEY CANYON 390	5,760	885.00	5,097,604	6,725'
CHEVRON	KEATHLEY CANYON 917	5,760	54.01	311,071	6,890'
CHEVRON	MAIN PASS 154	4,994	28.50	142,345	130'
CHEVRON	SHIP SHOAL 12	5,000	28.50	142,500	14'
CHEVRON	SHIP SHOAL 13	4,357	28.51	124,200	10'
CHEVRON	SHIP SHOAL 60	5,000	31.30	156,500	19'
CHEVRON	SHIP SHOAL 61	5,000	31.30	156,500	19'
CHEVRON	VIOSCA KNOLL 202	5,411	27.50	148,807	117'
CHEVRON	VIOSCA KNOLL 246	2,419	50.53	122,228	126'
CHEVRON	VIOSCA KNOLL 247	4,960	31.25	155,005	130'
CHEVRON	VIOSCA KNOLL 292	3,268	26.26	85,825	131'
CHEVRON	VIOSCA KNOLL 428	4,475	28.95	129,566	142'
CHEVRON	WALKER RIDGE 676	5,760	790.31	4,552,157	6,890'
CHEVRON	WALKER RIDGE 718	5,760	313.23	1,804,219	6,970'
CHEVRON, HESS	GREEN CANYON 805	5,760	151.35	871,776	6,600'
CHEVRON, HESS	GREEN CANYON 849	5,760	306.00	1,762,585	6,700'
CHEVRON, HESS	GREEN CANYON 893	5,760	151.35	871,776	5,700'
CHEVRON, REPSOL E&P USA	ATWATER VALLEY 178	5,760	362.44	2,087,664	3,200'

HIGH BIDDER	BLOCK NAME & NUMBER	ACRES	COST PER ACRE (\$)	BONUS (\$)	APPROXIMATE WATER DEPTH
CHEVRON, REPSOL E&P USA	ATWATER VALLEY 222	5,760	5341.29	30,765,833	3,180'
CHEVRON, REPSOL E&P USA	ATWATER VALLEY 223	5,760	202.76	1,167,872	3,180'
CHEVRON, REPSOL E&P USA	GREEN CANYON 347	5,760	1826.32	10,519,600	3,360'
CHEVRON, REPSOL E&P USA	GREEN CANYON 391	5,760	325.83	1,876,760	3,630'
CHEVRON, REPSOL E&P USA	GREEN CANYON 392	5,760	162.46	935,760	3,960'
CHEVRON, REPSOL E&P USA	GREEN CANYON 435	5,760	216.05	1,244,448	3,719'
CHEVRON, REPSOL E&P USA	GREEN CANYON 479	5,760	219.70	1,265,448	3,740'
CHEVRON, REPSOL E&P USA	KEATHLEY CANYON 826	5,760	66.61	383,672	6,725'
CHEVRON, REPSOL E&P USA	KEATHLEY CANYON 827	5,760	85.03	489,748	6,725'
CHEVRON, REPSOL E&P USA	KEATHLEY CANYON 870	5,760	66.61	383,672	6,810'
CHEVRON, REPSOL E&P USA	KEATHLEY CANYON 871	5,760	1188.46	6,845,502	6,810'
CIMAREX ENERGY	EWING BANK 791	85	25.29	2,150	1,200'
COBALT INTL	ATWATER VALLEY 179	5,760	1461.61	8,418,889	3,200'
COBALT INTL	GARDEN BANKS 874	5,760	1114.39	6,418,889	4,760'
COBALT INTL	GARDEN BANKS 956	5,760	419.95	2,418,889	4,510'
COBALT INTL	GARDEN BANKS 957	5,760	128.61	740,770	4,595'
COBALT INTL	GARDEN BANKS 958	5,760	2156.06	12,418,889	4,595'
COBALT INTL	GARDEN BANKS 961	5,760	128.61	740,770	6,000'
COBALT INTL	GARDEN BANKS 1002	5,760	163.33	940,770	6,560'
COBALT INTL	GREEN CANYON 187	5,760	136.96	788,888	2,400'
COBALT INTL	GREEN CANYON 258	5,760	1635.22	9,418,889	3,280'
COBALT INTL	GREEN CANYON 813	5,760	940.78	5,418,889	5,100'
COBALT INTL	GREEN CANYON 814	5,760	6149.11	35,418,889	5,322'
COBALT INTL	GREEN CANYON 858	5,760	14829.67	85,418,889	5,200'
COBALT INTL	GREEN CANYON 902	5,760	246.33	1,418,889	5,460'
COBALT INTL	GREEN CANYON 938	5,760	65.41	376,770	6,600'
COBALT INTL	GREEN CANYON 939	5,760	4065.78	23,418,889	5,460'
COBALT INTL	KEATHLEY CANYON 163	5,760	12919.95	74,418,889	6,235'
COBALT INTL	KEATHLEY CANYON 207	5,760	419.95	2,418,889	6,181'
COBALT INTL	MISSISSIPPI CANYON 649	5,760	419.95	2,418,889	6,060'
COBALT INTL	MISSISSIPPI CANYON 693	5,760	6322.72	36,418,889	6,180'
COBALT INTL	MISSISSIPPI CANYON 737	5,760	2676.89	15,418,889	6,240'
COBALT INTL, NEXEN PETROLEUM	GARDEN BANKS 544	5,760	320.83	1,848,000	2,354'
COBALT INTL, NEXEN PETROLEUM	GARDEN BANKS 867	5,760	1050.00	6,048,000	4,920'
COBALT INTL, NEXEN PETROLEUM	KEATHLEY CANYON 655	5,760	324.46	1,868,888	6,514'
COBALT INTL, TOTAL	GARDEN BANKS 764	5,760	380.02	2,188,889	3,277'
CONOCOPHILLIPS	GARDEN BANKS 780	5,760	3663.96	21,104,437	4,020'
CONOCOPHILLIPS	GARDEN BANKS 818	5,760	5243.83	30,204,437	3,775'
CONOCOPHILLIPS	GARDEN BANKS 911	5,760	1302.31	7,501,300	5,085'
CONOCOPHILLIPS	GARDEN BANKS 955	5,760	6124.03	35,274,437	4,920'
CONOCOPHILLIPS	GREEN CANYON 617	5,760	149.30	859,950	4,457'
CONOCOPHILLIPS	KEATHLEY CANYON 31	5,760	1216.73	7,008,350	4,920'
CONOCOPHILLIPS	KEATHLEY CANYON 32	5,760	522.67	3,010,600	5,580'
CONOCOPHILLIPS	KEATHLEY CANYON 254	5,760	1458.60	8,401,525	5,905'
CONOCOPHILLIPS	KEATHLEY CANYON 432	5,760	700.13	4,032,758	7,652'
CONOCOPHILLIPS	KEATHLEY CANYON 473	5,760	3671.90	21,150,150	6,400'
CONOCOPHILLIPS	KEATHLEY CANYON 517	5,760	2960.16	17,050,500	6,725'
CONOCOPHILLIPS	KEATHLEY CANYON 551	5,760	1224.39	7,052,500	6,150'
CONOCOPHILLIPS	KEATHLEY CANYON 595	5,760	175.26	1,009,500	6,224'
CONOCOPHILLIPS	KEATHLEY CANYON 604	5,760	847.00	4,878,700	6,606'
CONOCOPHILLIPS	KEATHLEY CANYON 610	5,760	1948.65	11,224,223	6,560'
CONOCOPHILLIPS	KEATHLEY CANYON 654	5,760	12751.47	73,448,446	6,400'
CONOCOPHILLIPS	WALKER RIDGE 416	5,760	1578.28	9,090,900	7,047'
CONOCOPHILLIPS	WALKER RIDGE 417	5,760	5395.62	31,078,750	7,285'
CONOCOPHILLIPS	WALKER RIDGE 460	5,760	4701.17	27,078,750	6,890'
CONOCOPHILLIPS	WALKER RIDGE 461	5,760	595.67	3,431,085	7,280'
DAVIS OFFSHORE	GREEN CANYON 110	5,760	54.71	315,116	1,675'
DAVIS OFFSHORE	GREEN CANYON 289	5,760	134.57	775,116	3,100'
DAVIS OFFSHORE	GREEN CANYON 375	5,760	82.49	475,116	3,060'
DAVIS OFFSHORE	MISSISSIPPI CANYON 795	5,760	69.78	401,916	1,740'
DAVIS OFFSHORE	MISSISSIPPI CANYON 839	5,760	43.74	251,916	2,280'
DAVIS OFFSHORE, ENERGY PARTNERS, STEPHENS PRODUCTION	MISSISSIPPI CANYON 499	5,760	399.64	2,301,916	1,900'
DEEP GULF ENERGY	GARDEN BANKS 383	5,760	551.56	3,177,000	2,650'
DEVON ENERGY	ATWATER VALLEY 81	5,760	52.14	300,320	7,875'
DEVON ENERGY	ATWATER VALLEY 82	5,760	52.14	300,320	8,003'
DEVON ENERGY	ATWATER VALLEY 125	5,760	92.07	530,320	7,550'
DEVON ENERGY	ATWATER VALLEY 126	5,760	92.07	530,320	8,042'
DEVON ENERGY	EUGENE ISLAND 80	5,000	172.40	862,000	20'

HIGH BIDDER	BLOCK NAME & NUMBER	ACRES	COST PER ACRE (\$)	BONUS (\$)	APPROXIMATE WATER DEPTH
DEVON ENERGY	EUGENE ISLAND 81	5,000	82.80	414,000	20'
DEVON ENERGY	EUGENE ISLAND 82	5,000	82.80	414,000	22'
DEVON ENERGY	EUGENE ISLAND 358	5,000	325.40	1,627,000	290'
DEVON ENERGY	GARDEN BANKS 786	5,760	91.15	525,000	4,741'
DEVON ENERGY	GREEN CANYON 983	5,760	303.82	1,750,000	6,531'
DEVON ENERGY	MISSISSIPPI CANYON 244	5,760	264.76	1,525,000	3,030'
DEVON ENERGY	MISSISSIPPI CANYON 743	5,760	52.14	300,320	7,537'
DEVON ENERGY	MISSISSIPPI CANYON 786	5,760	92.07	530,320	7,302'
DEVON ENERGY	MISSISSIPPI CANYON 787	5,760	92.07	530,320	7,500'
DEVON ENERGY	MISSISSIPPI CANYON 873	5,760	92.07	530,320	7,332'
DEVON ENERGY	MISSISSIPPI CANYON 874	5,760	92.07	530,320	7,646'
DEVON ENERGY	MISSISSIPPI CANYON 917	5,760	52.14	300,320	7,680'
DEVON ENERGY	MISSISSIPPI CANYON 918	5,760	52.14	300,320	7,800'
DEVON ENERGY	MOBILE 871	5,760	56.08	323,000	44'
DEVON ENERGY	SOUTH MARSH ISLAND 97	5,000	1305.40	6,527,000	163'
DEVON ENERGY	WEST CAMERON 153	5,000	142.80	714,000	45'
DEVON ENERGY	WEST CAMERON 164	5,000	442.80	2,214,000	42'
DEVON ENERGY, NEWFIELD EXPLORATION	ATWATER VALLEY 450	5,760	51.30	295,500	6,230'
DEVON ENERGY, NEWFIELD EXPLORATION	ATWATER VALLEY 451	5,760	170.05	979,500	6,230'
DEVON ENERGY, PETROBRAS AMERICA	GREEN CANYON 442	5,760	7421.96	42,750,500	3,000'
DEVON ENERGY, PETROBRAS AMERICA	GREEN CANYON 576	5,760	5512.24	31,750,500	4,000'
DEVON ENERGY, PETROBRAS AMERICA	KEATHLEY CANYON 170	5,760	217.10	1,250,500	5,250'
DEVON ENERGY, PETROBRAS AMERICA	KEATHLEY CANYON 209	5,760	2126.82	12,250,500	5,905'
DEVON ENERGY, PETROBRAS AMERICA	KEATHLEY CANYON 210	5,760	1345.57	7,750,500	5,976'
DEVON ENERGY, PETROBRAS AMERICA	WALKER RIDGE 326	5,760	546.96	3,150,500	6,355'
DEVON ENERGY, PETROBRAS AMERICA	WALKER RIDGE 370	5,760	2061.72	11,875,500	6,725'
DEVON ENERGY, PETROBRAS AMERICA	WALKER RIDGE 452	5,760	3776.13	21,750,500	7,300'
DEVON ENERGY, PETROBRAS AMERICA	WALKER RIDGE 453	5,760	998.35	5,750,500	7,380'
EL PASO E&P	EAST CAMERON 32	5,000	25.15	125,731	40'
EL PASO E&P	MAIN PASS 261	4,994	50.35	251,462	410'
EL PASO E&P	MAIN PASS 262	4,994	151.06	754,386	276'
EL PASO E&P	VERMILION 48	5,000	603.51	3,017,544	23'
EL PASO E&P	VERMILION 49	5,000	502.92	2,514,620	22'
EL PASO E&P	WEST CAMERON 97	5,000	165.97	829,825	40'
EL PASO E&P	WEST CAMERON 109	5,000	150.88	754,386	40'
ENERGY PARTNERS	GRAND ISLE 36	5,000	77.79	388,927	60'
ENERGY PARTNERS	GRAND ISLE 38	4,539	107.72	488,927	69'
ENERGY PARTNERS	SOUTH TIMBALIER 25	2,148	215.98	463,927	58'
ENERGY PARTNERS	SOUTH TIMBALIER 83	5,000	77.79	388,927	70'
ENERGY PARTNERS	SOUTH TIMBALIER 84	5,000	107.79	538,927	80'
ENERGY PARTNERS	WEST DELTA 101	5,000	52.79	263,927	210'
ENERGY PARTNERS	WEST DELTA 102	5,000	107.79	538,927	216'
ENERGY XXI	MISSISSIPPI CANYON 63	2,768	27.10	75,021	480'
ENERGY XXI	MISSISSIPPI CANYON 107	3,843	26.03	100,021	780'
ENERGY XXI	SOUTH PASS 34	2,496	66.92	167,021	225'
ENERGY XXI	SOUTH PASS 50	4,999	280.06	1,400,021	529'
ENERGY XXI	SOUTH PASS 51	4,999	40.01	200,021	425'
ENI PETROLEUM	DESOTO CANYON 752	5,760	42.36	243,974	8,100'
ENI PETROLEUM	DESOTO CANYON 753	5,760	93.18	536,743	8,100'
ENI PETROLEUM	DESOTO CANYON 846	5,760	95.15	548,078	8,880'
ENI PETROLEUM	EUGENE ISLAND 50	5,000	161.31	806,535	20'
ENI PETROLEUM	EUGENE ISLAND 301	2,500	674.15	1,685,385	214'
ENI PETROLEUM	EUGENE ISLAND 321	5,000	167.17	835,835	217'
ENI PETROLEUM	MISSISSIPPI CANYON 368	5,760	218.43	1,258,155	1,350'
ENI PETROLEUM	MISSISSIPPI CANYON 411	5,760	199.70	1,150,257	1,350'
ENI PETROLEUM	MISSISSIPPI CANYON 412	5,760	592.27	3,411,459	1,350'
ENI PETROLEUM	MISSISSIPPI CANYON 859	5,760	635.74	3,661,847	4,920'
ENI PETROLEUM	SHIP SHOAL 140	4,936	276.27	1,363,685	56'
ENI PETROLEUM	SHIP SHOAL 141	5,000	127.37	636,850	54'
ENI PETROLEUM	VERMILION 92	5,031	243.05	1,222,790	20'

HIGH BIDDER	BLOCK NAME & NUMBER	ACRES	COST PER ACRE (\$)	BONUS (\$)	APPROXIMATE WATER DEPTH
ENI PETROLEUM	VERMILION 111	4,995	205.58	1,026,858	11'
ENI PETROLEUM	WEST CAMERON 243	5,000	83.77	418,858	66'
ENI PETROLEUM	WEST CAMERON 316	5,000	818.40	4,092,007	67'
ENI PETROLEUM	WEST CAMERON 330	5,000	171.77	858,855	68'
ENI PETROLEUM, COBALT INTL, SAMSON OFFSHORE	WALKER RIDGE 89	5,760	11341.86	5,329,092	5,740'
ENI PETROLEUM, COBALT INTL, SAMSON OFFSHORE	WALKER RIDGE 354	5,760	54.57	314,333	5,906'
ENI PETROLEUM, COBALT INTL, SAMSON OFFSHORE	WALKER RIDGE 399	5,760	369.67	2,129,292	6,230'
ENI PETROLEUM, COBALT INTL, SAMSON OFFSHORE	WALKER RIDGE 443	5,760	369.67	2,129,292	6,230'
ENI PETROLEUM, COBALT INTL, SAMSON OFFSHORE	WALKER RIDGE 451	5,760	559.32	3,221,669	7,380'
ENI PETROLEUM, MARINER	SOUTH TIMBALIER 228	5,000	1890.04	9,450,206	214'
ENI PETROLEUM, NEXEN PETROLEUM	MISSISSIPPI CANYON 548	5,760	95.97	552,788	3,540'
ENI PETROLEUM, SAMSON OFFSHORE	KEATHLEY CANYON 253	5,760	2192.59	12,629,292	6,385'
ENI PETROLEUM, SAMSON OFFSHORE, STONE ENERGY	WALKER RIDGE 675	5,760	888.06	5,115,207	6,890'
ENI PETROLEUM, SAMSON OFFSHORE, STONE ENERGY	WALKER RIDGE 719	5,760	9464.46	54,515,292	6,890'
ENI PETROLEUM, SAMSON OFFSHORE, STONE ENERGY	WALKER RIDGE 720	5,760	193.28	1,113,292	6,890'
ENI PETROLEUM, STONE ENERGY	ATWATER VALLEY 388	5,760	48.11	277,115	7,968'
ENI PETROLEUM, STONE ENERGY	WALKER RIDGE 422	5,760	5506.17	31,715,555	7,999'
ENI PETROLEUM, STONE ENERGY	WALKER RIDGE 423	5,760	586.42	3,377,777	8,630'
ENTEK USA	MAIN PASS 252	4,994	111.75	558,088	280'
EXXONMOBIL	ATWATER VALLEY 381	5,760	96.79	557,500	6,600'
EXXONMOBIL	ATWATER VALLEY 387	5,760	197.14	1,135,500	8,006'
EXXONMOBIL	ATWATER VALLEY 425	5,760	96.79	557,500	6,600'
EXXONMOBIL	ATWATER VALLEY 430	5,760	422.83	2,435,500	7,600'
EXXONMOBIL	ATWATER VALLEY 431	5,760	197.14	1,135,500	7,851'
EXXONMOBIL	GARDEN BANKS 459	5,760	94.18	542,500	2,650'
EXXONMOBIL	GARDEN BANKS 679	5,760	139.84	805,500	3,600'
EXXONMOBIL	GREEN CANYON 812	5,760	594.70	3,425,500	4,980'
EXXONMOBIL	KEATHLEY CANYON 329	5,760	98.18	565,500	5,580'
EXXONMOBIL	MISSISSIPPI CANYON 415	5,760	228.73	1,317,500	2,073'
EXXONMOBIL	VERMILION 179	4,453	79.27	352,980	90'
EXXONMOBIL	WALKER RIDGE 224	5,760	579.08	3,335,500	6,400'
EXXONMOBIL	WALKER RIDGE 586	5,760	146.27	842,500	7,050'
EXXONMOBIL	WALKER RIDGE 630	5,760	1414.15	8,145,500	6,890'
EXXONMOBIL	WALKER RIDGE 674	5,760	189.15	1,089,500	6,890'
FOCUS EXPLORATION	EAST CAMERON 102	5,000	32.50	162,500	63'
FOCUS EXPLORATION	EWING BANK 832	5,760	30.44	175,315	900'
FOCUS EXPLORATION	EWING BANK 876	5,760	42.59	245,315	1,075'
FOCUS EXPLORATION	EWING BANK 999	5,760	40.85	235,315	1,320'
FOCUS EXPLORATION	GREEN CANYON 29	5,760	39.46	227,315	1,560'
FOCUS EXPLORATION	MISSISSIPPI CANYON 337	5,760	47.50	273,600	5,250'
FOCUS EXPLORATION	MISSISSIPPI CANYON 381	5,760	47.50	273,600	5,003'
FOCUS EXPLORATION	MOBILE 819	2,328	30.63	71,315	50'
FOCUS EXPLORATION	VIOSCA KNOLL 741	5,760	40.85	235,315	1,350'
FOCUS EXPLORATION	VIOSCA KNOLL 1001	5,760	47.50	273,600	3,936'
HALL-HOUSTON	VERMILION 203	5,000	31.00	155,000	110'
HELIS O&G, HOUSTON ENERGY	EWING BANK 833	5,760	39.28	226,226	1,350'
HESS	GARDEN BANKS 677	5,760	1091.99	6,289,880	3,120'
HESS	GARDEN BANKS 825	5,760	10675.31	61,489,800	4,430'
HESS	GARDEN BANKS 829	5,760	12411.42	71,489,800	4,709'
HESS	GARDEN BANKS 830	5,760	1083.74	6,242,350	4,799'
HESS	GREEN CANYON 293	5,760	2851.56	16,424,990	3,000'
HESS	KEATHLEY CANYON 469	5,760	12411.42	71,489,800	5,905'
HESS	WALKER RIDGE 841	5,760	106.67	614,440	7,300'
HESS	WALKER RIDGE 842	5,760	106.67	614,440	7,220'
HESS	WALKER RIDGE 885	5,760	106.67	614,440	7,300'
HESS	WALKER RIDGE 886	5,760	106.67	614,440	7,380'
HESS, MARATHON	WALKER RIDGE 225	5,760	4066.82	23,424,910	6,400'
HESS, MARATHON	WALKER RIDGE 226	5,760	16150.16	93,024,910	6,890'
HESS, MARATHON	WALKER RIDGE 269	5,760	12747.38	73,424,910	6,725'
HESS, NEXEN PETROLEUM, BHP BILLITON	GREEN CANYON 331	5,760	1865.08	10,742,888	3,030'

HIGH BIDDER	BLOCK NAME & NUMBER	ACRES	COST PER ACRE (\$)	BONUS (\$)	APPROXIMATE WATER DEPTH
HOUSTON ENERGY	SHIP SHOAL 217	5,000	310.07	1,550,333	115'
HOUSTON ENERGY, CL&F RESOURCES, HELIS O&G	EWING BANK 877	5,760	355.93	2,050,132	1,350'
HUNT OIL	GARDEN BANKS 1001	5,760	43.05	247,969	6,560'
HUNT OIL	GREEN CANYON 907	5,760	40.27	231,969	5,657'
HUNT OIL	KEATHLEY CANYON 29	5,760	44.79	257,969	5,085'
HUNT OIL	KEATHLEY CANYON 34	5,760	44.79	257,969	5,740'
HUNT OIL	KEATHLEY CANYON 118	5,760	44.79	257,969	6,230'
HUNT OIL	KEATHLEY CANYON 153	5,760	44.79	257,969	4,917'
HUNT OIL	KEATHLEY CANYON 294	5,760	44.79	257,969	5,741'
HUNT OIL	KEATHLEY CANYON 605	5,760	44.79	257,969	6,890'
HUNT OIL	KEATHLEY CANYON 739	5,760	44.79	257,969	7,220'
HUNT OIL	VERMILION 17	1,723	69.05	118,969	27'
HUNT OIL	VERMILION 228	5,000	47.99	239,969	125'
HUNT OIL	WALKER RIDGE 64	5,760	48.95	281,969	6,230'
HUNT OIL	WALKER RIDGE 65	5,760	48.95	281,969	6,070'
HUNT OIL	WALKER RIDGE 108	5,760	48.95	281,969	7,050'
HUNT OIL	WEST CAMERON 92	5,000	43.59	217,969	35'
HUNT OIL	WEST CAMERON 93	5,000	724.39	3,621,969	35'
LEED PETROLEUM	SOUTH MARSH ISLAND 8	3,146	671.05	2,111,111	61'
LEED PETROLEUM	WEST CAMERON 106	5,000	257.78	1,288,888	45'
LLOG EXPLORATION	EAST CAMERON 254	3,716	329.79	1,225,500	160'
LLOG EXPLORATION	MAIN PASS 105	4,994	65.08	325,000	10'
LLOG EXPLORATION	MAIN PASS 113	4,994	515.77	2,575,750	55'
LLOG EXPLORATION	MAIN PASS 124	4,994	245.43	1,225,700	130'
LLOG EXPLORATION	MAIN PASS 203	4,994	291.45	1,455,500	165'
LLOG EXPLORATION	MAIN PASS 208	4,994	347.48	1,735,300	175'
LLOG EXPLORATION	MAIN PASS 268	4,994	293.45	1,465,500	192'
LLOG EXPLORATION	MISSISSIPPI CANYON 208	5,760	1519.18	8,750,500	4,326'
LLOG EXPLORATION	MISSISSIPPI CANYON 547	5,760	4105.95	23,650,300	2,900'
LLOG EXPLORATION	MISSISSIPPI CANYON 801	5,760	790.89	4,555,500	3,245'
LLOG EXPLORATION	SOUTH MARSH ISLAND 118	3,185	29.41	93,680	190'
LLOG EXPLORATION	SOUTH TIMBALIER 58	5,000	1470.10	7,350,500	80'
LLOG EXPLORATION	SOUTH TIMBALIER 232	5,000	2690.00	13,450,000	225'
LLOG EXPLORATION	SOUTH TIMBALIER 238	3,772	597.96	2,255,500	166'
LLOG EXPLORATION	SOUTH TIMBALIER 239	5,000	151.00	755,000	170'
LLOG EXPLORATION	SOUTH TIMBALIER 285	2,148	387.94	833,300	360'
LLOG EXPLORATION	VERMILION 301	5,653	289.32	1,635,500	190'
LLOG EXPLORATION, MARINER	GARDEN BANKS 949	5,760	4071.22	23,450,206	5,250'
LLOG EXPLORATION, MARINER	MISSISSIPPI CANYON 199	5,760	2665.89	15,355,500	2,650'
LYMAC E&P	WEST CAMERON 265	5,000	34.50	172,500	75'
MAERSK OIL	GREEN CANYON 990	5,760	262.67	1,512,954	6,258'
MAERSK OIL	WALKER RIDGE 314	5,760	89.05	512,954	6,191'
MARATHON	EWING BANK 915	5,760	35.56	204,848	1,100'
MARATHON	MISSISSIPPI CANYON 949	5,760	4837.64	27,864,792	6,060'
MARATHON, HESS	GREEN CANYON 398	5,760	4066.82	23,424,910	2,950'
MARATHON, HESS	GREEN CANYON 443	5,760	2330.71	13,424,910	3,000'
MARATHON, HESS	WALKER RIDGE 145	5,760	6323.77	36,424,910	6,400'
MARATHON, HESS	WALKER RIDGE 706	5,760	247.38	1,424,910	8,040'
MARATHON, HESS	WALKER RIDGE 750	5,760	2330.71	13,424,910	7,550'
MARATHON, HESS	WALKER RIDGE 751	5,760	420.99	2,424,910	8,370'
MARATHON, HESS	WALKER RIDGE 795	5,760	941.82	5,424,910	7,875'
MARATHON, NEXEN PETROLEUM	GREEN CANYON 995	5,760	340.71	1,962,493	5,300'
MARINER	GARDEN BANKS 289	5,760	260.45	1,500,206	1,800'
MARINER	GREEN CANYON 363	5,760	78.13	450,000	3,300'
MARINER	VERMILION 54	5,000	570.04	2,850,206	22'
MARINER	VERMILION 304	5,000	50.04	250,206	194'
MARINER	VERMILION 374	5,000	50.04	250,206	296'
MARINER	WEST CAMERON 155	5,000	50.04	250,206	40'
MARINER, LLOG EXPLORATION	GARDEN BANKS 197	5,760	1128.51	6,500,206	700'
MARINER, LLOG EXPLORATION	GARDEN BANKS 905	5,760	390.66	2,250,206	4,356'
MARINER, LLOG EXPLORATION	MISSISSIPPI CANYON 796	5,760	390.66	2,250,206	1,800'
MARINER, LLOG EXPLORATION	MISSISSIPPI CANYON 841	5,760	477.47	2,750,206	2,286'
MARINER, LLOG EXPLORATION, NOBLE ENERGY	GARDEN BANKS 904	5,760	562.57	3,240,400	4,265'
MARINER, LLOG EXPLORATION, NOBLE ENERGY	GARDEN BANKS 948	5,760	3012.19	17,350,206	3,740'

HIGH BIDDER	BLOCK NAME & NUMBER	ACRES	COST PER ACRE (\$)	BONUS (\$)	APPROXIMATE WATER DEPTH
MARINER, NOBLE ENERGY	GREEN CANYON 245	5,760	1778.68	10,245,206	2,950'
MARINER, NOBLE ENERGY	GREEN CANYON 246	5,760	3889.32	22,402,500	3,280'
MARINER, NOBLE ENERGY	GREEN CANYON 618	5,760	2105.12	12,125,500	3,708'
MARITECH RESOURCES	MAIN PASS 229	4,994	38.05	190,000	180'
MARITECH RESOURCES	MAIN PASS 235	4,994	656.19	3,277,000	179'
MARITECH RESOURCES	SOUTH TIMBALIER 277	3,772	112.67	425,000	253'
MCMORAN O&G	EUGENE ISLAND 134	5,000	61.53	307,667	65'
MCMORAN O&G	EUGENE ISLAND 155	5,000	25.49	127,457	70'
MCMORAN O&G	SHIP SHOAL 184	5,000	27.53	137,667	60'
MCMORAN O&G	SHIP SHOAL 192	5,000	31.30	156,477	85'
MCMORAN O&G	SHIP SHOAL 212	5,072	27.14	137,667	100'
MCMORAN O&G	SOUTH MARSH ISLAND 21	3,123	66.18	206,667	67'
MCMORAN O&G	SOUTH MARSH ISLAND 125	5,000	27.53	137,667	196'
MCX GOM	WEST CAMERON 352	5,000	39.47	197,352	72'
MURPHY E&P	DESOTO CANYON 927	5,760	45.59	262,580	8,551'
NEWFIELD EXPLORATION	EUGENE ISLAND 68	5,000	450.79	2,253,970	20'
NEWFIELD EXPLORATION	GARDEN BANKS 123	5,760	43.74	251,970	920'
NEWFIELD EXPLORATION	GARDEN BANKS 167	5,760	43.74	251,970	1,350'
NEWFIELD EXPLORATION	GARDEN BANKS 196	5,760	33.15	190,970	750'
NEWFIELD EXPLORATION	GARDEN BANKS 240	5,760	77.60	446,970	1,000'
NEWFIELD EXPLORATION	GARDEN BANKS 524	5,760	268.92	1,548,970	2,650'
NEWFIELD EXPLORATION	GRAND ISLE 81	5,000	31.19	155,970	195'
NEWFIELD EXPLORATION	GREEN CANYON 360	5,760	879.51	5,065,970	2,889'
NEWFIELD EXPLORATION	MISSISSIPPI CANYON 719	5,760	1053.12	6,065,970	2,800'
NEWFIELD EXPLORATION	SHIP SHOAL 186	5,000	1054.19	5,270,970	60'
NEWFIELD EXPLORATION	SHIP SHOAL 290	5,000	910.99	4,554,970	229'
NEWFIELD EXPLORATION	SOUTH MARSH ISLAND 261	4,999	671.93	3,358,970	32'
NEWFIELD EXPLORATION, STONE ENERGY	GARDEN BANKS 293	5,760	1912.66	11,016,950	1,900'
NEWFIELD EXPLORATION, STONE ENERGY	GARDEN BANKS 336	5,760	697.39	4,016,950	2,050'
NEWFIELD EXPLORATION, STONE ENERGY	GARDEN BANKS 337	5,760	176.55	1,016,950	1,800'
NEWFIELD EXPLORATION, STONE ENERGY	GARDEN BANKS 338	5,760	2088.01	12,026,950	1,640'
NEXEN PETROLEUM	DESOTO CANYON 399	5,760	85.05	489,888	7,980'
NEXEN PETROLEUM	DESOTO CANYON 847	5,760	425.29	2,449,688	8,850'
NEXEN PETROLEUM	GREEN CANYON 151	5,760	693.90	3,996,888	2,100'
NIPPON OIL	SOUTH PASS 68	4,999	57.71	288,500	319'
NIPPON OIL	SOUTH PASS 69	4,999	40.11	200,500	500'
NIPPON OIL	VIOSCA KNOLL 898	1,456	27.47	40,000	510'
NOBLE ENERGY	GREEN CANYON 154	5,760	7053.06	40,625,650	1,800'
NOBLE ENERGY	GREEN CANYON 183	5,760	733.62	4,225,650	1,640'
NOBLE ENERGY	MISSISSIPPI CANYON 200	5,760	1775.29	10,225,650	2,940'
NOBLE ENERGY	MISSISSIPPI CANYON 242	5,760	1428.06	8,225,650	2,880'
NOBLE ENERGY	MISSISSIPPI CANYON 286	5,760	3511.40	20,225,650	3,117'
NOBLE ENERGY	MISSISSIPPI CANYON 606	5,760	91.26	525,650	6,517'
NOBLE ENERGY	MISSISSIPPI CANYON 742	5,760	6115.56	35,225,650	7,300'
NOBLE ENERGY	MISSISSIPPI CANYON 789	5,760	560.01	3,225,650	7,900'
NOBLE ENERGY	MISSISSIPPI CANYON 833	5,760	282.23	1,625,650	7,980'
NOBLE ENERGY	WALKER RIDGE 113	5,760	2296.12	13,225,650	6,070'
NORTHSTAR GOM	EAST CAMERON 163	1,833	33.42	61,250	86'
PETROBRAS AMERICA	ATWATER VALLEY 274	5,760	201.39	1,160,000	4,500'
PETROBRAS AMERICA	ATWATER VALLEY 318	5,760	722.22	4,160,000	4,750'
PETROBRAS AMERICA	ATWATER VALLEY 319	5,760	722.22	4,160,000	4,600'
PETROBRAS AMERICA	GARDEN BANKS 700	5,760	141.67	816,000	4,260'
PETROBRAS AMERICA	KEATHLEY CANYON 918	5,760	5409.72	31,160,000	6,890'
PETROBRAS AMERICA	KEATHLEY CANYON 962	5,760	722.22	4,160,000	7,055'
PETROBRAS AMERICA	MISSISSIPPI CANYON 963	5,760	1243.06	7,160,000	7,860'
PETROBRAS AMERICA	MISSISSIPPI CANYON 1006	5,760	6972.22	40,160,000	7,899'
PETROBRAS AMERICA	WALKER RIDGE 424	5,760	159.03	916,000	8,762'
PETROBRAS AMERICA	WALKER RIDGE 464	5,760	1937.50	11,160,000	7,380'
PETROBRAS AMERICA	WALKER RIDGE 468	5,760	245.83	1,416,000	9,031'
PETROBRAS AMERICA, DEVON ENERGY	GREEN CANYON 946	5,760	781.34	4,500,500	5,460'

HIGH BIDDER	BLOCK NAME & NUMBER	ACRES	COST PER ACRE (\$)	BONUS (\$)	APPROXIMATE WATER DEPTH
PETROBRAS AMERICA, DEVON ENERGY	KEATHLEY CANYON 557	5,760	390.71	2,250,500	6,574'
PETSEC ENERGY	WEST CAMERON 631	5,000	127.38	636,900	329'
PETSEC ENERGY	WEST CAMERON 636	5,000	41.98	209,900	354'
PLAINS E&P CO	GREEN CANYON 393	4,033	814.78	3,286,000	3,960'
PLAINS E&P CO	GREEN CANYON 943	5,760	238.89	1,376,000	6,300'
REPSOL E&P USA	GREEN CANYON 290	5,760	1449.63	8,349,854	3,444'
REPSOL E&P USA	GREEN CANYON 361	5,760	83.82	482,798	3,000'
REPSOL E&P USA	GREEN CANYON 906	5,760	84.70	487,877	5,308'
REPSOL E&P USA	GREEN CANYON 982	5,760	136.68	787,254	7,582'
REPSOL E&P USA	KEATHLEY CANYON 468	5,760	612.58	3,528,475	5,905'
REPSOL E&P USA	KEATHLEY CANYON 505	5,760	4147.61	23,890,222	5,990'
REPSOL E&P USA	KEATHLEY CANYON 512	5,760	85.28	491,210	6,200'
REPSOL E&P USA	KEATHLEY CANYON 513	5,760	612.64	3,528,823	6,480'
REPSOL E&P USA	KEATHLEY CANYON 549	5,760	340.28	1,960,000	5,990'
REPSOL E&P USA	MISSISSIPPI CANYON 288	5,760	50.00	287,993	3,870'
REPSOL E&P USA	MISSISSIPPI CANYON 330	5,760	290.80	1,675,000	3,345'
REPSOL E&P USA	MISSISSIPPI CANYON 331	5,760	65.70	378,427	3,504'
REPSOL E&P USA	MISSISSIPPI CANYON 332	5,760	51.67	297,629	3,500'
REPSOL E&P USA	MISSISSIPPI CANYON 333	5,760	55.81	321,477	3,915'
REPSOL E&P USA	MISSISSIPPI CANYON 846	5,760	48.31	278,247	3,610'
REPSOL E&P USA	MISSISSIPPI CANYON 847	5,760	51.58	297,123	3,700'
REPSOL E&P USA	MISSISSIPPI CANYON 891	5,760	48.41	278,857	3,900'
REPSOL E&P USA	WALKER RIDGE 22	5,760	3684.63	21,223,477	6,000'
REPSOL E&P USA	WALKER RIDGE 66	5,760	103.13	594,000	6,625'
REPSOL E&P USA	WALKER RIDGE 67	5,760	68.40	394,000	5,740'
REPUBLIC EXPLORATION	EUGENE ISLAND 56	5,000	62.20	310,999	15'
SAMSON OFFSHORE	ATWATER VALLEY 4	5,760	173.96	1,002,008	2,950'
SAMSON OFFSHORE	ATWATER VALLEY 273	5,760	304.17	1,752,008	4,320'
SAMSON OFFSHORE	GARDEN BANKS 701	5,760	43.75	252,008	4,200'
SAMSON OFFSHORE	WEST CAMERON 266	5,000	37.13	185,672	75'
SENECA RESOURCES	EUGENE ISLAND 305	5,000	420.06	2,100,319	197'
SENECA RESOURCES	VERMILION 286	5,000	32.46	162,319	190'
SENECA RESOURCES	WEST CAMERON 27	3,719	25.63	95,319	25'
SHELL	ATWATER VALLEY 48	5,760	1045.73	6,023,377	3,280'
SHELL	DESOTO CANYON 444	5,760	377.46	2,174,187	8,100'
SHELL	KEATHLEY CANYON 162	5,760	7124.20	41,035,378	6,070'
SHELL	WALKER RIDGE 286	5,760	191.38	1,102,377	6,230'
SHELL	WALKER RIDGE 494	5,760	66.73	384,377	7,050'
SHELL	WALKER RIDGE 538	5,760	191.38	1,102,377	6,970'
SHELL	WALKER RIDGE 539	5,760	66.73	384,377	6,970'
STATOILHYDRO	GREEN CANYON 55	5,760	62.28	358,712	820'
STATOILHYDRO	GREEN CANYON 56	5,760	62.28	358,712	985'
STATOILHYDRO	GREEN CANYON 99	5,760	192.98	1,111,555	643'
STATOILHYDRO	GREEN CANYON 100	5,760	140.20	807,533	1,109'
STATOILHYDRO	GREEN CANYON 436	5,760	1999.43	11,516,700	3,840'
STATOILHYDRO	GREEN CANYON 480	5,760	11896.75	68,525,300	4,140'
STATOILHYDRO	KEATHLEY CANYON 120	5,760	557.08	3,208,777	5,740'
STATOILHYDRO	KEATHLEY CANYON 121	5,760	2100.84	12,100,848	5,905'
STATOILHYDRO	KEATHLEY CANYON 154	5,760	5687.64	32,760,808	5,415'
STATOILHYDRO	KEATHLEY CANYON 197	5,760	173.70	1,000,522	5,033'
STATOILHYDRO	KEATHLEY CANYON 198	5,760	5687.64	32,760,808	5,235'
STATOILHYDRO	KEATHLEY CANYON 242	5,760	173.70	1,000,522	5,231'
STATOILHYDRO	KEATHLEY CANYON 284	5,760	1982.12	11,417,000	4,920'
STATOILHYDRO	WALKER RIDGE 420	5,760	696.36	4,011,024	6,560'
STATOILHYDRO	WALKER RIDGE 545	5,760	956.25	5,508,002	7,050'
STATOILHYDRO	WALKER RIDGE 589	5,760	2239.41	12,898,998	7,050'
STONE ENERGY	MAIN PASS 295	4,560	180.88	824,800	220'
STONE ENERGY	MISSISSIPPI CANYON 404	5,760	54.69	315,000	1,350'
STONE ENERGY	MISSISSIPPI CANYON 405	5,760	73.61	424,000	1,350'
STONE ENERGY	MISSISSIPPI CANYON 406	5,760	54.69	315,000	804'
STONE ENERGY	MISSISSIPPI CANYON 448	5,760	124.13	715,000	2,130'
STONE ENERGY	MISSISSIPPI CANYON 449	5,760	124.13	715,000	1,625'
STONE ENERGY	MISSISSIPPI CANYON 450	5,760	54.69	315,000	1,625'
STONE ENERGY	MISSISSIPPI CANYON 455	5,760	72.57	418,000	1,470'
STONE ENERGY	MISSISSIPPI CANYON 456	5,760	107.29	618,000	1,600'

HIGH BIDDER	BLOCK NAME & NUMBER	ACRES	COST PER ACRE (\$)	BONUS (\$)	APPROXIMATE WATER DEPTH
STONE ENERGY	VERMILION 47	5,000	83.60	418,000	27'
STONE ENERGY, HELIS O&G, HOUSTON ENERGY	MAIN PASS 234	4,994	27.46	137,135	180'
STONE ENERGY, HOUSTON ENERGY	MAIN PASS 228	4,994	81.21	405,555	180'
TANA EXPLORATION	EAST CAMERON 11	5,000	156.00	779,995	30'
TANA EXPLORATION	EUGENE ISLAND 87	5,000	132.00	659,995	21'
TANA EXPLORATION	MAIN PASS 165	4,994	152.18	759,995	125'
TANA EXPLORATION	MAIN PASS 215	4,994	54.06	269,995	175'
TANA EXPLORATION	MAIN PASS 243	4,994	34.04	169,995	200'
TANA EXPLORATION	MAIN PASS 244	4,994	54.06	269,995	197'
TANA EXPLORATION	SHIP SHOAL 275	5,000	512.00	2,559,995	210'
TANA EXPLORATION	SHIP SHOAL 276	5,000	332.00	1,659,995	181'
TANA EXPLORATION	SHIP SHOAL 310	5,000	34.00	169,995	293'
TENGASCO	CHANDELEUR 27	3,079	25.01	77,000	7'
TEXAS STANDARD O&G, GRIMES ENERGY CO, PETROVAL	EUGENE ISLAND 129	1,175	184.68	217,000	59'
TOTAL	GARDEN BANKS 496	5,760	130.25	750,251	1,920'
TOTAL	GARDEN BANKS 721	5,760	130.25	750,251	3,120'
TOTAL	GARDEN BANKS 766	5,760	107.68	620,251	3,610'
TOTAL	GARDEN BANKS 809	5,760	130.25	750,251	3,600'
TOTAL	GARDEN BANKS 810	5,760	107.68	620,251	4,270'
TOTAL	GARDEN BANKS 856	5,760	107.68	620,251	4,279'
TOTAL	GARDEN BANKS 857	5,760	107.68	620,251	4,430'
TOTAL	GARDEN BANKS 943	5,760	107.68	620,251	4,094'
TOTAL	GARDEN BANKS 1008	5,760	112.89	650,251	4,920'
TOTAL	GARDEN BANKS 1009	5,760	112.89	650,251	5,740'
TOTAL	KEATHLEY CANYON 40	5,760	112.89	650,251	6,136'
TOTAL	KEATHLEY CANYON 83	5,760	112.89	650,251	6,560'
W&T OFFSHORE	EWING BANK 953	5,760	73.78	425,000	600'
W&T OFFSHORE	GRAND ISLE 108	4,539	55.08	250,000	240'
W&T OFFSHORE	SHIP SHOAL 155	5,000	400.00	2,000,000	46'
W&T OFFSHORE	SHIP SHOAL 256	5,000	116.00	580,000	140'
WALTER O&G	SHIP SHOAL 244	5,000	63.45	317,225	147'
WINWELL LLC	VIOSCA KNOLL 294	5,659	26.52	150,100	132'
WOODSIDE ENERGY	WALKER RIDGE 325	5,760	3193.52	18,394,670	6,300'
WOODSIDE ENERGY, MARINER	KEATHLEY CANYON 119	5,760	6258.73	36,050,260	5,415'
WOODSIDE ENERGY, NEWFIELD EXPLORATION, STONE ENERGY	GREEN CANYON 451	5,760	7315.97	42,139,960	3,240'
ZENERGY	WEST CAMERON 344	5,000	53.77	268,850	68'

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# **Eastern Gulf of Mexico** **Oil and Gas Lease Sale No. 224 - March 19, 2008**



**Supplement to Gulf of Mexico Newsletter, Gulf of Mexico Drilling Report, Gulf of Mexico Rig Locator, Gulf of Mexico Rig Report, Offshore Rig Locator, Offshore Rig Monthly, The Atlantis Deepwater Report and The Offshore International Newsletter**

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The listing of sale results in this supplement are presented **Alphabetically by Operator**. The data also is available in MS Excel format for \$50. The Excel file contains the estimated water depth information included in this printed version, which is not provided by the MMS. We also have available the entire inventory of federal Gulf of Mexico leases in their primary term along with their current drilled status. For additional information and prices, contact Donna Adlian at the address below, or e-mail [research@ods-petrodata.com](mailto:research@ods-petrodata.com).

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**Houston, Texas 77042**  
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**Fax: (832) 463-3100**

## **Statistical Review**

Total acres offered.....	546,971.12	Total companies participating in sale .....	6
Total acres receiving bids.....	190,297.32	Lead bidder submitting most apparent high bids:	
Total blocks receiving bids.....	36	BHP Billiton Petroleum (Deepwater) - 27 bids	
Total number of bids.....	58	Bidder submitting highest dollar amount in high bids:	
Total money exposed .....	\$72,137,645	BHP Billiton Petroleum (Deepwater) - 27 bids	
Total of high bids .....	\$64,713,213	Water depth summary:	
Average of high bids .....	\$1,797,589.25	<u>Water depth</u>	<u># of bids</u>
Highest bid.....	\$8,049,750		<u>Total High Bids</u>
Anadarko E&P, Murphy E&P - Lloyd Ridge Block 289			<u>Lease Term</u>
Number of lead bidders placing high bids.....	5	800+ m	36
Total companies participating in high bids .....	5		\$64,713,213
			10 year

## **Companies Winning Blocks**

*Lease awards are subject to final Minerals Management Service (MMS) approval. Assignment of lead bidders is based on best available information, but is not definitive as this information is not provided by the MMS. (Parenthesis indicate blocks won where company is not considered the lead bidder.) Operatorship may differ when exploration activities begin.*

ANARDAKO .....	7	ENI PETROLEUM .....	1	SHELL.....	1
BHP BILLITON .....	27	MURPHY E&P.....	(7)		

HIGH BIDDER	BLOCK NAME & NUMBER	ACRES	COST PER ACRE (\$)	BONUS (\$)	APPROXIMATE WATER DEPTH
ANADARKO, MURPHY E&P	LLOYD RIDGE 243	5,760	121.76	701,340	9900'
ANADARKO, MURPHY E&P	LLOYD RIDGE 244	5,760	836.80	4,819,940	9966'
ANADARKO, MURPHY E&P	LLOYD RIDGE 245	5,760	123.56	711,680	9978'
ANADARKO, MURPHY E&P	LLOYD RIDGE 287	5,760	122.05	703,010	10080'
ANADARKO, MURPHY E&P	LLOYD RIDGE 289	5,760	1397.53	8,049,750	10080'
ANADARKO, MURPHY E&P	LLOYD RIDGE 331	5,760	121.99	702,670	10080'
ANADARKO, MURPHY E&P	LLOYD RIDGE 332	5,760	44.27	255,020	10141'
BHP BILLITON	DESOTO CANYON 592	5,760	223.77	1,288,888	3000'
BHP BILLITON	DESOTO CANYON 636	5,760	382.91	2,205,555	3300'
BHP BILLITON	DESOTO CANYON 637	5,760	228.39	1,315,555	3150'
BHP BILLITON	DESOTO CANYON 638	5,760	192.98	1,111,555	3060'
BHP BILLITON	DESOTO CANYON 639	5,001	117.55	587,887	2922'
BHP BILLITON	DESOTO CANYON 640	760	369.15	280,555	2850'
BHP BILLITON	DESOTO CANYON 680	5,760	921.10	5,305,555	3600'
BHP BILLITON	DESOTO CANYON 681	5,760	917.63	5,285,555	3600'
BHP BILLITON	DESOTO CANYON 682	5,760	395.06	2,275,555	3600'
BHP BILLITON	DESOTO CANYON 683	5,760	223.19	1,285,555	3300'
BHP BILLITON	DESOTO CANYON 684	5,193	116.61	605,555	3060'
BHP BILLITON	DESOTO CANYON 685	1,105	258.42	285,555	2820'
BHP BILLITON	DESOTO CANYON 724	5,760	217.98	1,255,555	3960'
BHP BILLITON	DESOTO CANYON 725	5,760	917.63	5,285,555	3750'
BHP BILLITON	DESOTO CANYON 726	5,760	917.63	5,285,555	3564'
BHP BILLITON	DESOTO CANYON 727	5,760	587.77	3,385,555	3300'
BHP BILLITON	DESOTO CANYON 728	5,760	235.34	1,355,555	3132'
BHP BILLITON	DESOTO CANYON 729	5,464	212.09	1,158,885	3000'
BHP BILLITON	DESOTO CANYON 769	5,760	108.60	625,555	6000'
BHP BILLITON	DESOTO CANYON 770	5,760	109.12	628,555	6000'
BHP BILLITON	DESOTO CANYON 771	5,760	270.64	1,558,885	5400'
BHP BILLITON	DESOTO CANYON 772	5,760	305.36	1,758,885	4800'
BHP BILLITON	DESOTO CANYON 773	5,739	318.10	1,825,555	3900'
BHP BILLITON	DESOTO CANYON 815	5,760	87.77	505,555	9000'
BHP BILLITON	DESOTO CANYON 816	5,760	87.77	505,555	9000'
BHP BILLITON	DESOTO CANYON 817	5,754	154.31	887,885	9000'
BHP BILLITON	DESOTO CANYON 818	0.09	22,277.77	2,005	6000'
ENI PETROLEUM	LLOYD RIDGE 333	5,760	91.49	527,006	10141'
SHELL	LLOYD RIDGE 288	5,760	66.73	384,377	10080'

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