

WESTERN GULF OF MEXICO, LEASE SALE 210 (AUGUST 19, 2009)

PHASE 2 DECISION INFORMATION MATRIX

Attached is a tabulation of selected information from the Minerals Management Service's Phase 2 evaluation process for Sale 210. Abbreviations and codes are defined as follows:

Tract Types

- DD** - Drainage or Development Tract
CW - Confirmed or Wildcat Tract

Royalty Rates

- RS20** - 0-<200m water depth; possible royalty suspension volume of 35 bcf for $\geq 20,000$ feet; 18 3/4% Royalty Rate
RS15 - 200-<400m water depth; possible royalty suspension volume of up to 15 bcf for $\geq 15,000$ feet subsea depth but <18,000 feet or up to 25 bcf for $\geq 18,000$ feet but <20,000 or 35 bcf for $\geq 20,000$ feet; 18 3/4% Royalty Rate
RS16 - 400-<800m water depth; possible royalty suspension volume for 5 MMBOE; 18 3/4% Royalty Rate
RS17 - 800-<1600m water depth; possible royalty suspension volume for 9 MMBOE; 18 3/4% Royalty Rate
RS18 - 1600-2000m water depth; possible royalty suspension volume for 12 MMBOE; 18 3/4% Royalty Rate
RS19 - >2000m water depth; possible royalty suspension volume for 16 MMBOE; 18 3/4% Royalty Rate

- MROV** - Mean of the Range-of-Value
ADV - Adjusted Delay Value
RAM - Revised Arithmetic - average Measure
MED - Median (50th percentile value)

Tract Decision Rules

- C** - Accept tract's High Bid in Phase 2: High Bid \geq ADV.
E - Accept tract's High Bid in Phase 2: tract is Non-Viable.
F - Accept tract's High Bid in Phase 2: tract is CW with ≥ 3 bids where 3rd highest bid at least 50% of the highest qualified bid.
V - Accept tract's High Bid in Phase 2: tract is CW and passes a categorial fair market value (FMV) threshold measure test.
M - Accept tract's High Bid in Phase 2: ADV \geq High Bid \geq RAM
N - Accept tract's High Bid in Phase 2: MED < High Bid < RAM < ADV < DMROV, and < MROV
R - Reject tract's High Bid in Phase 2: High Bid is below tract's fair market value.

Lease Terms

- 000 - < 400m water depth: 5 year lease term
 400 - < 800m water depth: 8 year lease term
 ≥ 800 m water depth: 10 year lease term

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Region Name: Gulf of Mexico OCS Region

Sale Identifier: WESTERN GULF OF MEXICO

Sale Date: AUGUST 19, 2009

OCS NUMBER	AREA CODE/	BLOCK NO.	ACRES/ HECTARES	TRACT TYPE	HIGH BID	MROV	MED	ADV	RAM	ADJ # BIDS	ROYALTY RATE	TRACT DEC.
G33389	MU	805	5760.00	A CW	\$555,555	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
G33390	MU	806	5760.00	A CW	\$150,555	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
G33391	MU	831	5760.00	A CW	\$477,774	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
G33394	MI	607	5760.00	A CW	\$317,000	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
G33395	MI	616	5760.00	A CW	\$317,000	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
G33396	MI	617	5760.00	A CW	\$1,017,000	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
G33397	MI	638	5760.00	A CW	\$150,555	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
G33398	MI	700	5760.00	A CW	\$456,000	\$144,000		\$144,000	NA	2	18 3/4% RS20	E
G33399	BA A	19	5760.00	A CW	\$210,210	\$144,000		\$144,000	NA	2	18 3/4% RS20	C
G33400	BA A	20	5760.00	A CW	\$275,000	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
G33401	GA	212	5760.00	A CW	\$151,210	\$144,000		\$144,000	NA	1	18 3/4% RS20	C
G33402	GA	213	4679.71	A CW	\$126,210	\$117,000		\$117,000	NA	1	18 3/4% RS20	C
G33403	GA	240	5760.00	A CW	\$234,500	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
G33404	GA	256	5760.00	A CW	\$155,400	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
G33405	GA	257	5760.00	A CW	\$202,300	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
R G33406	GA A	43	5760.00	A CW	\$156,210	\$690,000		\$690,000	NA	1	18 3/4% RS20	R
G33407	GA A	133	5760.00	A CW	\$165,210	\$144,000		\$144,000	NA	2	18 3/4% RS20	E
G33408	HI	88	5760.00	A CW	\$480,000	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
G33409	HI	131	5760.00	A CW	\$1,131,000	\$144,000		\$144,000	NA	3	18 3/4% RS20	E
G33410	HI	208	5760.00	A CW	\$158,021	\$144,000		\$144,000	NA	1	18 3/4% RS20	C
G33413	HI A	363	5760.00	A CW	\$261,162	\$144,000		\$144,000	NA	1	18 3/4% RS20	E
G33414	SX	18	3644.19	A CW	\$124,000	\$91,100		\$91,100	NA	2	18 3/4% RS20	E
G33415	WC	469	5000.00	A CW	\$257,700	\$125,000		\$125,000	NA	1	18 3/4% RS20	E
G33416	WC	472	5000.00	A CW	\$257,700	\$125,000		\$125,000	NA	1	18 3/4% RS20	E
G33417	WC	473	5000.00	A CW	\$257,700	\$125,000		\$125,000	NA	1	18 3/4% RS20	E
G33418	WC	475	5000.00	A CW	\$143,700	\$125,000		\$125,000	NA	1	18 3/4% RS20	E

R DENOTES TRACT WITH REJECTED HIGH

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OCS NUMBER	AREA CODE/	BLOCK NO.	ACRES/ HECTARES	TRACT TYPE	HIGH BID	MROV	MED	ADV	RAM	ADJ # BIDS	ROYALTY RATE	TRACT DEC.
G33419	WC	517	5000.00	A CW	\$156,210	\$125,000		\$125,000	NA	1	18 3/4% RS20	C
G33422	EB	300	5760.00	A CW	\$278,777	\$144,000		\$144,000	NA	1	18 3/4% RS16	E
G33423	EB	360	5760.00	A CW	\$357,000	\$144,000		\$144,000	NA	1	18 3/4% RS16	C
G33424	EB	361	5760.00	A CW	\$357,000	\$144,000		\$144,000	NA	1	18 3/4% RS16	C
G33425	EB	362	5760.00	A CW	\$357,000	\$144,000		\$144,000	NA	1	18 3/4% RS16	C
G33426	EB	404	5760.00	A CW	\$1,224,000	\$144,000		\$144,000	NA	1	18 3/4% RS16	C
G33427	EB	405	5760.00	A CW	\$918,000	\$144,000		\$144,000	NA	1	18 3/4% RS16	C
G33428	EB	406	5760.00	A CW	\$2,550,000	\$144,000		\$144,000	NA	1	18 3/4% RS16	C
G33431	EB	512	5760.00	A CW	\$262,540	\$216,000		\$216,000	NA	1	18 3/4% RS17	C
G33433	EB	681	5760.00	A CW	\$223,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33434	EB	682	5760.00	A CW	\$303,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33435	EB	729	5760.00	A CW	\$2,249,351	\$2,100,000		\$330,000	NA	2	18 3/4% RS17	C
G33436	EB	730	5760.00	A CW	\$301,003	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33437	EB	732	5760.00	A CW	\$229,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33438	EB	766	5760.00	A CW	\$303,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33439	EB	767	5760.00	A CW	\$253,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33440	EB	771	5760.00	A CW	\$306,000	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33441	EB	774	5760.00	A CW	\$401,990	\$216,000		\$216,000	NA	2	18 3/4% RS17	E
G33442	EB	788	5760.00	A CW	\$355,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33443	EB	810	5760.00	A CW	\$253,843	\$216,000		\$216,000	NA	2	18 3/4% RS17	E
G33444	EB	849	5760.00	A CW	\$253,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33445	EB	850	5760.00	A CW	\$303,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33446	EB	851	5760.00	A CW	\$353,843	\$216,000		\$216,000	NA	2	18 3/4% RS17	E
G33447	EB	852	5760.00	A CW	\$765,000	\$216,000		\$216,000	NA	2	18 3/4% RS17	E
G33448	EB	857	5760.00	A CW	\$219,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33449	EB	858	5760.00	A CW	\$353,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	E

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G33450	EB	859	5760.00	A CW	\$229,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33452	EB	875	5760.00	A CW	\$2,933,843	\$216,000		\$216,000	NA	3	18 3/4% RS17	E
G33453	EB	876	5760.00	A CW	\$933,843	\$216,000		\$216,000	NA	3	18 3/4% RS17	E
G33454	EB	894	5760.00	A CW	\$253,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33455	EB	895	5760.00	A CW	\$353,843	\$216,000		\$216,000	NA	2	18 3/4% RS17	E
G33456	EB	896	5760.00	A CW	\$765,000	\$216,000		\$216,000	NA	2	18 3/4% RS17	E
G33457	EB	897	5760.00	A CW	\$765,000	\$216,000		\$216,000	NA	2	18 3/4% RS17	E
G33458	EB	898	5760.00	A CW	\$765,000	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33459	EB	902	5760.00	A CW	\$229,500	\$216,000		\$216,000	NA	2	18 3/4% RS17	E
G33461	EB	938	5760.00	A CW	\$253,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33462	EB	941	5760.00	A CW	\$306,000	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33463	EB	942	5760.00	A CW	\$306,000	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33464	EB	944	5760.00	A CW	\$306,000	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33465	GB	448	5760.00	A CW	\$1,415,200	\$144,000		\$144,000	NA	1	18 3/4% RS16	E
G33466	GB	574	5760.00	A CW	\$1,415,200	\$1,800,000		\$1,300,000	NA	1	18 3/4% RS17	C
R G33467	GB	841	5760.00	A CW	\$1,933,843	\$6,300,000		\$4,500,000	NA	2	18 3/4% RS17	R
G33468	GB	887	5760.00	A CW	\$253,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	C
G33469	GB	931	5760.00	A CW	\$933,843	\$2,300,000		\$700,000	NA	2	18 3/4% RS17	C
G33474	AC	120	5760.00	A CW	\$306,000	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33476	AC	162	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33477	AC	163	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33478	AC	183	5760.00	A CW	\$250,529	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33479	AC	185	5760.00	A CW	\$250,529	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33480	AC	205	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33481	AC	206	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33482	AC	207	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E

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OCS NUMBER	AREA CODE/	BLOCK NO.	ACRES/ HECTARES	TRACT TYPE	HIGH BID	MROV	MED	ADV	RAM	ADJ # BIDS	ROYALTY RATE	TRACT DEC.
G33483	AC	208	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33484	AC	214	5760.00	A CW	\$380,500	\$216,000		\$216,000	NA	2	18 3/4% RS17	E
G33486	AC	227	5760.00	A CW	\$250,529	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33487	AC	228	5760.00	A CW	\$250,529	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33488	AC	229	5760.00	A CW	\$250,529	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33490	AC	249	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33491	AC	250	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33492	AC	251	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33493	AC	252	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33494	AC	259	5760.00	A CW	\$380,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33496	AC	272	5760.00	A CW	\$250,529	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33497	AC	273	5760.00	A CW	\$250,529	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33498	AC	274	5760.00	A CW	\$250,529	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33499	AC	294	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33500	AC	295	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33501	AC	317	5760.00	A CW	\$250,529	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33502	AC	318	5760.00	A CW	\$250,529	\$290,000		\$216,000	NA	1	18 3/4% RS17	C
G33503	AC	339	5760.00	A CW	\$562,500	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33504	AC	359	5760.00	A CW	\$217,620	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33505	AC	360	5760.00	A CW	\$217,620	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
R G33506	AC	362	5760.00	A CW	\$311,919	\$3,500,000		\$2,700,000	NA	1	18 3/4% RS17	R
G33507	AC	403	5760.00	A CW	\$217,620	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
R G33508	AC	404	5760.00	A CW	\$217,620	\$1,500,000		\$1,100,000	NA	1	18 3/4% RS17	R
R G33509	AC	405	5760.00	A CW	\$653,919	\$5,000,000		\$3,500,000	NA	1	18 3/4% RS17	R
G33510	AC	449	5760.00	A CW	\$385,227	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33511	AC	450	5760.00	A CW	\$385,227	\$216,000		\$216,000	NA	1	18 3/4% RS17	E

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G33512	AC	451	5760.00	A CW	\$385,227	\$216,000		\$216,000	NA	1	18 3/4% RS18	E
G33513	AC	476	5760.00	A CW	\$3,060,000	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33514	AC	493	5760.00	A CW	\$385,227	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33515	AC	494	5760.00	A CW	\$385,227	\$216,000		\$216,000	NA	1	18 3/4% RS18	E
G33516	AC	495	5760.00	A CW	\$385,227	\$216,000		\$216,000	NA	1	18 3/4% RS18	E
G33517	AC	498	5760.00	A CW	\$251,711	\$216,000		\$216,000	NA	1	18 3/4% RS18	E
G33518	AC	538	5760.00	A CW	\$385,227	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33519	AC	539	5760.00	A CW	\$385,227	\$216,000		\$216,000	NA	1	18 3/4% RS18	E
G33520	AC	540	5760.00	A CW	\$385,227	\$216,000		\$216,000	NA	1	18 3/4% RS18	E
G33521	AC	543	5760.00	A CW	\$562,543	\$216,000		\$216,000	NA	1	18 3/4% RS18	E
G33522	AC	583	5760.00	A CW	\$385,227	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33523	AC	584	5760.00	A CW	\$385,227	\$216,000		\$216,000	NA	1	18 3/4% RS18	E
G33524	AC	774	5760.00	A CW	\$1,462,076	\$2,400,000		\$1,300,000	NA	2	18 3/4% RS19	C
G33525	AC	779	5760.00	A CW	\$603,142	\$216,000		\$216,000	NA	1	18 3/4% RS19	E
G33526	AC	822	5760.00	A CW	\$603,142	\$216,000		\$216,000	NA	1	18 3/4% RS19	E
G33527	AC	823	5760.00	A CW	\$293,142	\$216,000		\$216,000	NA	1	18 3/4% RS19	E
G33528	AC	903	5760.00	A CW	\$377,777	\$216,000		\$216,000	NA	1	18 3/4% RS19	E
G33529	AC	904	5760.00	A CW	\$337,111	\$216,000		\$216,000	NA	1	18 3/4% RS19	E
G33530	AC	947	5642.64	A CW	\$355,555	\$211,613		\$211,613	NA	1	18 3/4% RS19	E
G33531	KC	96	5760.00	A CW	\$28,133,843	\$2,000,000		\$1,600,000	NA	3	18 3/4% RS17	C
G33532	KC	180	5760.00	A CW	\$5,133,843	\$216,000		\$216,000	NA	2	18 3/4% RS17	C
G33533	KC	181	5760.00	A CW	\$255,000	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33534	KC	189	5760.00	A CW	\$303,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33535	KC	190	5760.00	A CW	\$783,843	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33536	KC	222	5760.00	A CW	\$322,000	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33537	KC	223	5760.00	A CW	\$9,122,000	\$216,000		\$216,000	NA	2	18 3/4% RS17	C

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G33538	KC	309	5760.00	A CW	\$278,000	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
G33539	KC	310	5760.00	A CW	\$278,000	\$216,000		\$216,000	NA	1	18 3/4% RS17	E
R G33540	KC	492	5760.00	A CW	\$253,843	\$9,000,000		\$5,900,000	NA	1	18 3/4% RS18	R
R G33541	KC	493	5760.00	A CW	\$553,843	\$10,000,000		\$6,900,000	NA	1	18 3/4% RS19	R
G33542	KC	579	5760.00	A CW	\$253,843	\$216,000		\$216,000	NA	1	18 3/4% RS19	E
G33543	KC	796	5760.00	A CW	\$219,843	\$216,000		\$216,000	NA	1	18 3/4% RS19	E
G33544	KC	938	5760.00	A CW	\$253,843	\$216,000		\$216,000	NA	1	18 3/4% RS19	E
G33545	KC	939	5760.00	A CW	\$753,843	\$216,000		\$216,000	NA	1	18 3/4% RS19	C
G33546	KC	940	5760.00	A CW	\$253,843	\$216,000		\$216,000	NA	1	18 3/4% RS19	C
G33547	KC	982	5760.00	A CW	\$253,843	\$216,000		\$216,000	NA	1	18 3/4% RS19	E
G33548	KC	983	5760.00	A CW	\$1,133,843	\$216,000		\$216,000	NA	1	18 3/4% RS19	C
G33549	KC	984	5760.00	A CW	\$333,843	\$216,000		\$216,000	NA	1	18 3/4% RS19	C

R DENOTES TRACT WITH REJECTED HIGH

