

**PHASE 2 DECISION INFORMATION MATRIX**

Attached is a tabulation of selected information from the Bureau of Ocean Energy Management Phase 2 evaluation process for Sale 251. Abbreviations and codes are defined as follows:

**Tract Types**

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

**Royalty Rates**

- RS22** - 0-<200m water depth; possible royalty suspension volume of 35 bcf for >=20,000 feet; 12 1/2% Royalty Rate
- RS21** - 200-<400m water depth; possible royalty suspension volume of 35 bcf for >=20,000 feet; 18 3/4% Royalty Rate
- R21** - 400-<800m water depth; 18 3/4% Royalty Rate
- R22** - 800-<1600m water depth; 18 3/4% Royalty Rate
- R23** - >=1600m water depth; 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 >= ADV.
- E** - Accept tract's High Bid in Phase 2: Tract is Non-Viable.
- V** - Accept tract's High Bid in Phase 2: Tract passes a categorical fair market value (FMV) threshold measure test.
- M** - Accept tract's High Bid in Phase 2: ADV >= High Bid >= RAM
- R** - Reject tract's High Bid in Phase 2: High Bid is below tract's fair market value.
- X** - Tract not evaluated because bid was withdrawn.

**Lease Terms**

- 0-<800 m water depth: 5 year lease term
- 800-<1600 m water depth: 7 year lease term
- >=1600 m water depth: 10 year lease term

PHASE 2 DECISION INFORMATION MATRIX

Sale Number: 251

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Region Name: Gulf of Mexico OCS Region

Sale Identifier: GULF OF MEXICO

Sale Date: AUGUST 15, 2018

OCS NUMBER	AREA CODE/	BLOCK NO.	ACRES/ HECTARES	TRACT TYPE	HIGH BID	MROV	MED	ADV	RAM	ADJ # BIDS	ROYALTY RATE	TRACT DEC.
G36332	HI	230	5760.00	A CW	\$149,760	\$144,000		\$144,000	NA	1	12 1/2% RS22	E
G36333	HI	231	5760.00	A CW	\$149,760	\$144,000		\$144,000	NA	1	12 1/2% RS22	E
G36334	HI A	358	5760.00	A CW	\$151,527	\$144,000		\$144,000	NA	1	12 1/2% RS22	E
G36335	HI A	362	5760.00	A CW	\$151,207	\$144,000		\$144,000	NA	1	12 1/2% RS22	E
G36336	HI A	363	5760.00	A CW	\$144,000	\$144,000		\$144,000	NA	1	12 1/2% RS22	E
G36337	HI A	377	5760.00	A CW	\$144,000	\$144,000		\$144,000	NA	1	12 1/2% RS22	E
G36338	HI A	386	5760.00	A CW	\$144,000	\$144,000		\$144,000	NA	1	12 1/2% RS22	E
G36339	HI A	396	5760.00	A CW	\$144,000	\$144,000		\$144,000	NA	1	12 1/2% RS22	E
G36340	WC	565	5000.00	A CW	\$125,000	\$125,000		\$125,000	NA	1	12 1/2% RS22	E
G36341	AC	153	5760.00	A CW	\$701,776	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36342	AC	154	5760.00	A CW	\$1,001,776	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36343	AC	155	5760.00	A CW	\$1,001,776	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36344	AC	198	5760.00	A CW	\$1,001,776	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36345	AC	199	5760.00	A CW	\$1,001,776	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36346	AC	200	5760.00	A CW	\$701,776	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36347	AC	239	5760.00	A CW	\$1,104,508	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36348	AC	240	5760.00	A CW	\$701,776	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36349	AC	283	5760.00	A CW	\$701,776	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36350	AC	285	5760.00	A CW	\$904,776	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36351	AC	286	5760.00	A CW	\$1,101,576	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36352	AC	287	5760.00	A CW	\$701,776	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36353	AC	329	5760.00	A CW	\$901,776	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36354	KC	720	5760.00	A CW	\$1,000,213	\$576,000		\$576,000	NA	2	18 3/4% R23	E
G36355	KC	764	5760.00	A CW	\$1,000,213	\$576,000		\$576,000	NA	2	18 3/4% R23	E
G36356	EC	330	5000.00	A CW	\$127,427	\$125,000		\$125,000	NA	1	12 1/2% RS22	E
G36357	VR	376	5000.00	A CW	\$191,011	\$125,000		\$125,000	NA	1	12 1/2% RS22	E
G36358	SM	84	5000.00	A CW	\$127,427	\$125,000		\$125,000	NA	1	12 1/2% RS22	E
G36359	SM	85	2500.00	A CW	\$65,427	\$62,500		\$62,500	NA	1	12 1/2% RS22	E
G36360	EI	223	5000.02	A CW	\$253,777	\$125,025		\$125,025	NA	1	12 1/2% RS22	E
G36361	EI	371	5000.00	A CW	\$131,011	\$125,000		\$125,000	NA	1	12 1/2% RS22	E
G36362	SS	313	5000.00	A CW	\$198,000	\$125,000		\$125,000	NA	1	12 1/2% RS22	E
G36363	ST	147	5000.00	A CW	\$164,444	\$125,000		\$125,000	NA	1	12 1/2% RS22	E

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Sale Number: 251

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Region Name: Gulf of Mexico OCS Region

Sale Identifier: GULF OF MEXICO

Sale Date: AUGUST 15, 2018

OCS NUMBER	AREA CODE/	BLOCK NO.	ACRES/ HECTARES	TRACT TYPE	HIGH BID	MROV	MED	ADV	RAM	ADJ # BIDS	ROYALTY RATE	TRACT DEC.
G36364	ST	207	5000.00	A CW	\$164,444	\$125,000		\$125,000	NA	1	12 1/2% RS22	E
G36365	GI	82	5000.00	A CW	\$127,427	\$125,000		\$125,000	NA	1	12 1/2% RS22	E
G36366	GI	104	5000.00	A CW	\$154,000	\$125,000		\$125,000	NA	1	12 1/2% RS22	E
G36367	WD	154	4999.97	A CW	\$129,900	\$125,000		\$125,000	NA	1	12 1/2% RS22	E
G36368	MP	262	4994.55	A CW	\$124,875	\$124,875		\$124,875	NA	1	12 1/2% RS22	E
G36369	MP	263	4994.55	A CW	\$124,875	\$124,875		\$124,875	NA	1	12 1/2% RS22	E
G36370	MP	293	4560.81	A CW	\$135,531	\$114,025		\$114,025	NA	1	12 1/2% RS22	E
G36371	MP	305	4999.97	A CW	\$135,531	\$125,000		\$125,000	NA	1	12 1/2% RS22	E
G36372	MP	306	4999.97	A CW	\$135,531	\$125,000		\$125,000	NA	1	12 1/2% RS22	E
G36373	VK	72	5760.00	A CW	\$153,427	\$144,000		\$144,000	NA	1	12 1/2% RS22	E
G36374	VK	73	5760.00	A CW	\$153,427	\$144,000		\$144,000	NA	1	12 1/2% RS22	E
G36375	VK	116	5760.00	A CW	\$160,427	\$144,000		\$144,000	NA	1	12 1/2% RS22	E
G36376	VK	117	5760.00	A CW	\$153,427	\$144,000		\$144,000	NA	1	12 1/2% RS22	E
G36377	VK	867	5760.00	A CW	\$587,427	\$576,000		\$576,000	NA	1	18 3/4% R21	E
G36378	VK	904	5760.00	A CW	\$589,784	\$576,000		\$576,000	NA	1	18 3/4% R21	E
G36379	VK	905	5760.00	A CW	\$809,784	\$576,000		\$576,000	NA	1	18 3/4% R21	E
G36380	VK	907	5760.00	A CW	\$591,014	\$576,000		\$576,000	NA	1	18 3/4% R21	E
G36381	VK	909	5760.00	A CW	\$591,014	\$576,000		\$576,000	NA	1	18 3/4% R21	E
G36382	VK	948	5760.00	A CW	\$589,784	\$576,000		\$576,000	NA	1	18 3/4% R21	E
G36383	VK	949	5760.00	A CW	\$589,784	\$576,000		\$576,000	NA	1	18 3/4% R21	E
G36384	VK	951	5760.00	A CW	\$763,014	\$576,000		\$576,000	NA	1	18 3/4% R21	E
G36385	VK	961	5760.00	A CW	\$603,014	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36386	VK	996	5760.00	A CW	\$803,014	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36387	VK	997	5760.00	A CW	\$591,014	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36388	EW	525	2419.57	A CW	\$85,000	\$60,500		\$60,500	NA	1	12 1/2% RS22	E
G36389	EW	658	1566.20	A CW	\$192,050	\$39,175		\$39,175	NA	1	12 1/2% RS22	E
G36390	MC	66	5760.00	A CW	\$587,427	\$576,000		\$576,000	NA	1	18 3/4% R21	E
G36391	MC	239	5760.00	A CW	\$609,000	\$576,000		\$576,000	NA	1	18 3/4% R21	E
G36392	MC	261	5760.00	A CW	\$725,500	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36393	MC	294	5760.00	A CW	\$1,203,014	\$1,200,000		\$576,000	NA	1	18 3/4% R22	C
G36394	MC	304	5760.00	A CW	\$1,475,333	\$576,000		\$576,000	NA	3	18 3/4% R23	E
G36395	MC	338	5760.00	A CW	\$25,919,784	\$3,200,000		\$1,700,000	NA	2	18 3/4% R23	C

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Region Name: Gulf of Mexico OCS Region

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Sale Date: AUGUST 15, 2018

OCS NUMBER	AREA CODE/	BLOCK NO.	ACRES/ HECTARES	TRACT TYPE	HIGH BID	MROV	MED	ADV	RAM	ADJ # BIDS	ROYALTY RATE	TRACT DEC.
G36396	MC	339	5760.00	A CW	\$2,013,014	\$576,000		\$576,000	NA	1	18 3/4% R22	C
G36397	MC	432	5760.00	A CW	\$2,009,784	\$576,000		\$576,000	NA	2	18 3/4% R23	E
G36398	MC	617	4388.42	A CW	\$5,205,000	\$109,725		\$109,725	NA	1	18 3/4% RS21	E
G36399	MC	630	5760.00	A CW	\$605,777	\$576,000		\$576,000	NA	1	18 3/4% R21	E
G36400	MC	691	5760.00	A CW	\$1,357,777	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36401	MC	743	5760.00	A CW	\$11,116,013	\$576,000		\$576,000	NA	2	18 3/4% R23	E
G36402	MC	828	5760.00	A CW	\$850,228	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36403	MC	872	5760.00	A CW	\$950,248	\$576,000		\$576,000	NA	2	18 3/4% R23	E
G36404	MC	873	5760.00	A CW	\$3,003,880	\$576,000		\$576,000	NA	2	18 3/4% R23	E
G36405	MC	905	5760.00	A CW	\$707,474	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36406	MC	936	5760.00	A CW	\$603,014	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36407	MC	978	5760.00	A CW	\$4,601,988	\$5,600,000		\$4,000,000	NA	3	18 3/4% R22	C
G36408	MC	979	5760.00	A CW	\$603,014	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36409	MC	980	5760.00	A CW	\$603,014	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36410	DC	399	5760.00	A CW	\$753,014	\$576,000		\$576,000	NA	2	18 3/4% R23	E
G36411	DC	490	5760.00	A CW	\$603,014	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36412	DC	891	5760.00	A CW	\$953,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36413	DC	934	5760.00	A CW	\$1,205,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36414	DC	935	5760.00	A CW	\$953,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36415	DC	937	5760.00	A CW	\$2,377,880	\$1,400,000		\$880,000	NA	1	18 3/4% R23	C
G36416	DC	938	5760.00	A CW	\$1,205,880	\$1,800,000		\$1,100,000	NA	1	18 3/4% R23	C
G36417	DC	939	5760.00	A CW	\$8,503,880	\$7,800,000		\$6,000,000	NA	1	18 3/4% R23	C
G36418	DC	978	5760.00	A CW	\$953,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36419	DC	979	5760.00	A CW	\$953,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36420	DC	983	5760.00	A CW	\$7,503,880	\$5,400,000		\$4,200,000	NA	1	18 3/4% R23	C
G36421	DC	984	5760.00	A CW	\$953,880	\$920,000		\$590,000	NA	1	18 3/4% R23	C
G36422	GB	774	5760.00	A CW	\$1,001,988	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36423	GB	871	5760.00	A CW	\$750,198	\$576,000		\$576,000	NA	1	18 3/4% R22	C
G36424	GB	872	5760.00	A CW	\$3,250,112	\$576,000		\$576,000	NA	1	18 3/4% R22	C
G36425	GB	956	5760.00	A CW	\$1,352,908	\$1,300,000		\$1,100,000	NA	3	18 3/4% R23	C
G36426	GB	957	5760.00	A CW	\$3,333,116	\$1,600,000		\$1,400,000	NA	2	18 3/4% R23	C
G36427	GC	67	5760.00	A CW	\$587,427	\$576,000		\$576,000	NA	1	18 3/4% R21	E

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Region Name: Gulf of Mexico OCS Region

Sale Identifier: GULF OF MEXICO

Sale Date: AUGUST 15, 2018

OCS NUMBER	AREA CODE/	BLOCK NO.	ACRES/ HECTARES	TRACT TYPE	HIGH BID	MROV	MED	ADV	RAM	ADJ # BIDS	ROYALTY RATE	TRACT DEC.
G36428	GC	111	5760.00	A CW	\$587,427	\$576,000		\$576,000	NA	1	18 3/4% R21	E
R G36429	GC	124	5760.00	A CW	\$610,527	\$4,300,000		\$2,900,000	NA	1	18 3/4% R22	R
R G36430	GC	235	5760.00	A CW	\$1,267,427	\$3,300,000		\$2,900,000	NA	1	18 3/4% R22	R
G36431	GC	365	5760.00	A CW	\$853,014	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36432	GC	404	5760.00	A CW	\$1,127,000	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36433	GC	405	5760.00	A CW	\$627,000	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36434	GC	411	5760.00	A CW	\$587,427	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36435	GC	426	5760.00	A CW	\$1,782,035	\$1,800,000		\$990,000	NA	1	18 3/4% R22	C
G36436	GC	429	5760.00	A CW	\$1,367,275	\$1,400,000		\$1,100,000	NA	2	18 3/4% R22	C
G36437	GC	436	5760.00	A CW	\$1,103,014	\$576,000		\$576,000	NA	3	18 3/4% R22	E
G36438	GC	437	4312.84	A CW	\$1,000,213	\$431,300		\$431,300	NA	4	18 3/4% R22	E
G36439	GC	448	5760.00	A CW	\$1,027,000	\$576,000		\$576,000	NA	1	18 3/4% R22	C
G36440	GC	470	5760.00	A CW	\$1,121,260	\$1,100,000		\$910,000	NA	1	18 3/4% R22	C
G36441	GC	473	5760.00	A CW	\$3,887,975	\$4,500,000		\$3,300,000	NA	2	18 3/4% R22	C
G36442	GC	480	5760.00	A CW	\$1,753,014	\$576,000		\$576,000	NA	2	18 3/4% R22	E
G36443	GC	481	4591.87	A CW	\$1,509,784	\$459,200		\$459,200	NA	3	18 3/4% R22	E
G36444	GC	492	5760.00	A CW	\$1,127,000	\$576,000		\$576,000	NA	1	18 3/4% R22	C
G36445	GC	510	5760.00	A CW	\$584,999	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36446	GC	686	5760.00	A CW	\$589,784	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36447	GC	852	5760.00	A CW	\$899,213	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36448	AT	10	5760.00	A CW	\$603,014	\$576,000		\$576,000	NA	1	18 3/4% R22	C
G36449	AT	47	5760.00	A CW	\$603,014	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36450	AT	235	5760.00	A CW	\$701,776	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36451	AT	236	5760.00	A CW	\$701,776	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36452	AT	354	5760.00	A CW	\$627,840	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36453	AT	398	5760.00	A CW	\$708,000	\$576,000		\$576,000	NA	1	18 3/4% R22	E
G36454	AT	444	5760.00	A CW	\$604,000	\$576,000		\$576,000	NA	2	18 3/4% R22	E
G36455	LL	13	5760.00	A CW	\$1,353,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36456	LL	14	5760.00	A CW	\$1,205,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36457	LL	15	5760.00	A CW	\$1,353,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36458	LL	56	5760.00	A CW	\$953,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36459	LL	58	5760.00	A CW	\$1,353,880	\$576,000		\$576,000	NA	1	18 3/4% R23	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.
G36460	LL	60	5760.00	A CW	\$757,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36461	LL	61	5760.00	A CW	\$757,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36462	LL	63	5760.00	A CW	\$757,880	\$576,000		\$576,000	NA	1	18 3/4% R23	C
G36463	LL	104	5760.00	A CW	\$1,205,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36464	LL	107	5760.00	A CW	\$757,880	\$576,000		\$576,000	NA	1	18 3/4% R23	C
G36465	LL	151	5760.00	A CW	\$953,880	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36466	LL	194	5760.00	A CW	\$757,880	\$576,000		\$576,000	NA	1	18 3/4% R23	C
G36467	LL	238	5760.00	A CW	\$1,105,880	\$576,000		\$576,000	NA	1	18 3/4% R23	C
G36468	LL	239	5760.00	A CW	\$757,880	\$576,000		\$576,000	NA	1	18 3/4% R23	C
G36469	LL	240	5760.00	A CW	\$953,880	\$576,000		\$576,000	NA	1	18 3/4% R23	C
G36470	KC	786	5760.00	A CW	\$610,000	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36471	KC	814	5760.00	A CW	\$1,455,213	\$576,000		\$576,000	NA	2	18 3/4% R23	E
G36472	KC	815	5760.00	A CW	\$619,880	\$880,000		\$576,000	NA	1	18 3/4% R23	C
R G36473	WR	504	5760.00	A CW	\$701,988	\$2,400,000		\$1,600,000	NA	1	18 3/4% R23	R
G36474	WR	544	5760.00	A CW	\$851,234	\$576,000		\$576,000	NA	1	18 3/4% R23	E
G36475	WR	925	5760.00	A CW	\$3,602,880	\$4,000,000		\$3,000,000	NA	1	18 3/4% R23	C

R DENOTES TRACT WITH REJECTED HIGH

