

From: McAughan, Kelly
Sent: Thu Apr 22 20:29:50 2010
To: Thorseth, Jay C
Cc: Bozeman, Walt; Kercho, Debbie A; Epps, David S; Ritchie, Bryan
Subject: RE: Flow rate and production profile
Importance: Normal
Attachments: Macondo Forecast Summary.xls; Macondo Forecast.ppt

Attached are the forecasts plus cumulative production and raw numbers for the base case.

As we told you please be cautious that there is a great uncertainty in these forecasts. We identified what we thought were the greatest uncertainties that can affect production. The bubblepoint is calculated since we haven't conducted PVT analysis yet so that value is unknown. When the well produces below bubblepoint the oil rate can drop dramatically if there isn't pressure support. Therefore we put a sensitivity of aquifer strength to simulate strong pressure support and no support. Other factors we tested are permeability and relative permeability of oil and gas to each other.

Please review and let us know if you have any questions or concerns. We appreciate your patience.

Thanks,
Kelly

From: Thorseth, Jay C
Sent: Thursday, April 22, 2010 6:34 AM
To: McAughan, Kelly; Bozeman, Walt
Subject: Flow rate and production profile
Importance: High

Kelly,

We need to have a flow rate, which you all have calculated, but also production and pressure profiles, in case this goes on for a while.

Thanks,

Jay

Jay C. Thorseth
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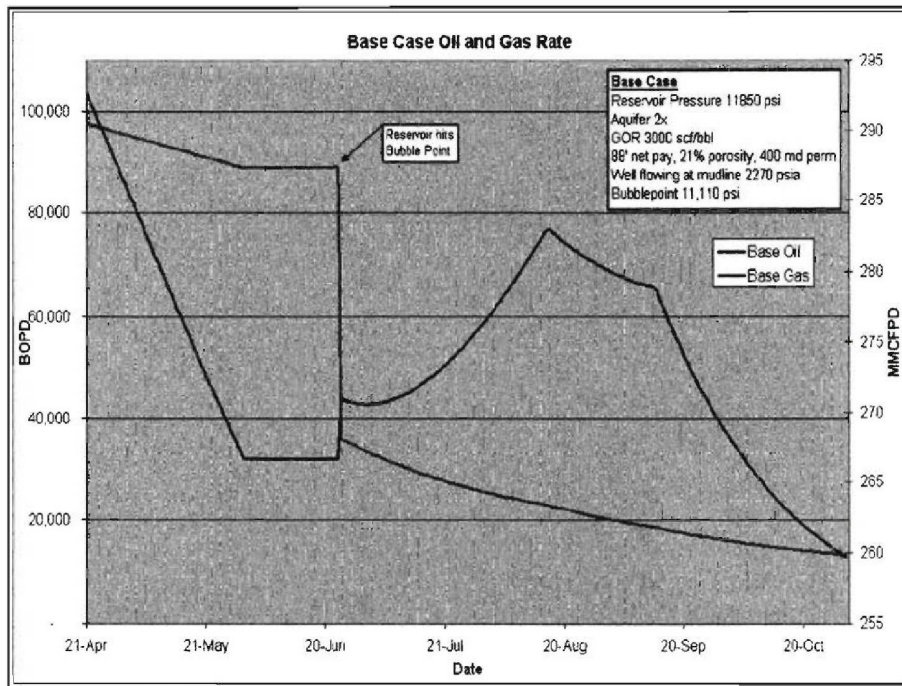
	Reservoir Pressure (psi)	Base Oil (bopd)	Base Gas (mmcf)	Cum Oil Production (mbo)	Cum Gas Prod (bcf)
4/21/10	11,850.0	97,585	293	98	0.3
4/22/10	11,829.7	97,361	292	195	0.6
4/23/10	11,809.5	97,136	291	292	0.9
4/24/10	11,789.4	96,911	291	389	1.2
4/25/10	11,769.4	96,687	290	486	1.5
4/26/10	11,749.5	96,462	289	582	1.7
4/27/10	11,729.6	96,238	289	678	2.0
4/28/10	11,709.8	96,014	288	774	2.3
4/29/10	11,690.1	95,790	287	870	2.6
4/30/10	11,670.4	95,567	287	966	2.9
5/1/10	11,650.8	95,344	286	1,061	3.2
5/2/10	11,631.3	95,121	285	1,156	3.5
5/3/10	11,611.9	94,899	285	1,251	3.8
5/4/10	11,592.5	94,678	284	1,346	4.0
5/5/10	11,573.2	94,457	283	1,440	4.3
5/6/10	11,554.0	94,236	283	1,534	4.6
5/7/10	11,534.8	94,016	282	1,629	4.9
5/8/10	11,515.7	93,797	281	1,722	5.2
5/9/10	11,496.7	93,578	281	1,816	5.4
5/10/10	11,477.8	93,359	280	1,909	5.7
5/11/10	11,458.9	93,141	279	2,002	6.0
5/12/10	11,440.1	92,924	279	2,095	6.3
5/13/10	11,421.4	92,707	278	2,188	6.6
5/14/10	11,402.7	92,490	277	2,280	6.8
5/15/10	11,384.1	92,274	277	2,373	7.1
5/16/10	11,365.6	92,059	276	2,465	7.4
5/17/10	11,347.1	91,844	276	2,557	7.7
5/18/10	11,328.8	91,630	275	2,648	7.9
5/19/10	11,310.4	91,416	274	2,740	8.2
5/20/10	11,292.2	91,202	274	2,831	8.5
5/21/10	11,274.0	90,990	273	2,922	8.8
5/22/10	11,255.9	90,777	272	3,013	9.0
5/23/10	11,237.8	90,566	272	3,103	9.3
5/24/10	11,219.8	90,355	271	3,194	9.6
5/25/10	11,201.9	90,144	270	3,284	9.9
5/26/10	11,184.0	89,934	270	3,374	10.1
5/27/10	11,166.3	89,724	269	3,463	10.4
5/28/10	11,148.5	89,515	269	3,553	10.7
5/29/10	11,130.9	89,307	268	3,642	10.9
5/30/10	11,113.3	89,099	267	3,731	11.2
5/31/10	11,095.7	88,919	267	3,820	11.5
6/1/10	11,095.7	88,918	267	3,909	11.7
6/2/10	11,095.7	88,918	267	3,998	12.0
6/3/10	11,095.7	88,917	267	4,087	12.3
6/4/10	11,095.7	88,917	267	4,176	12.5
6/5/10	11,095.7	88,917	267	4,265	12.8
6/6/10	11,095.7	88,916	267	4,354	13.1
6/7/10	11,095.7	88,916	267	4,443	13.3

6/8/10	11,095.7	88,915	267	4,532	13.6
6/9/10	11,095.7	88,915	267	4,621	13.9
6/10/10	11,095.7	88,915	267	4,709	14.1
6/11/10	11,095.7	88,914	267	4,798	14.4
6/12/10	11,095.7	88,914	267	4,887	14.7
6/13/10	11,095.7	88,913	267	4,976	14.9
6/14/10	11,095.7	88,913	267	5,065	15.2
6/15/10	11,095.7	88,913	267	5,154	15.5
6/16/10	11,095.7	88,912	267	5,243	15.7
6/17/10	11,095.7	88,912	267	5,332	16.0
6/18/10	11,095.7	88,911	267	5,421	16.3
6/19/10	11,095.7	88,911	267	5,510	16.5
6/20/10	11,095.7	88,911	267	5,599	16.8
6/21/10	11,095.7	88,910	267	5,687	17.1
6/22/10	11,095.7	88,910	267	5,776	17.3
6/23/10	11,095.7	88,909	267	5,865	17.6
6/24/10	11,095.7	88,909	267	5,954	17.9
6/25/10	7,941.5	36,026	271	5,990	18.1
6/26/10	7,919.8	35,577	271	6,026	18.4
6/27/10	7,898.3	35,140	271	6,061	18.7
6/28/10	7,877.1	34,717	271	6,096	18.9
6/29/10	7,856.2	34,307	271	6,130	19.2
6/30/10	7,835.7	33,910	271	6,164	19.5
7/1/10	7,815.4	33,524	271	6,197	19.8
7/2/10	7,795.4	33,150	271	6,231	20.0
7/3/10	7,775.6	32,786	271	6,263	20.3
7/4/10	7,756.1	32,432	271	6,296	20.6
7/5/10	7,736.9	32,088	271	6,328	20.8
7/6/10	7,717.8	31,754	271	6,360	21.1
7/7/10	7,699.0	31,428	271	6,391	21.4
7/8/10	7,680.5	31,111	271	6,422	21.6
7/9/10	7,662.1	30,802	271	6,453	21.9
7/10/10	7,643.9	30,501	271	6,483	22.2
7/11/10	7,626.0	30,208	271	6,514	22.5
7/12/10	7,608.2	29,922	271	6,544	22.7
7/13/10	7,590.6	29,642	272	6,573	23.0
7/14/10	7,573.2	29,370	272	6,603	23.3
7/15/10	7,555.9	29,104	272	6,632	23.5
7/16/10	7,538.9	28,844	272	6,661	23.8
7/17/10	7,522.0	28,590	272	6,689	24.1
7/18/10	7,505.2	28,342	273	6,717	24.4
7/19/10	7,488.6	28,099	273	6,746	24.6
7/20/10	7,472.1	27,862	273	6,773	24.9
7/21/10	7,455.8	27,630	273	6,801	25.2
7/22/10	7,439.7	27,403	274	6,828	25.5
7/23/10	7,423.6	27,180	274	6,856	25.7
7/24/10	7,407.7	26,963	274	6,883	26.0
7/25/10	7,391.9	26,750	274	6,909	26.3
7/26/10	7,376.3	26,541	275	6,936	26.6
7/27/10	7,360.8	26,336	275	6,962	26.8
7/28/10	7,345.4	26,136	275	6,988	27.1
7/29/10	7,330.1	25,939	276	7,014	27.4

7/30/10	7,314.9	25,747	276	7,040	27.7
7/31/10	7,299.8	25,558	276	7,066	27.9
8/1/10	7,284.8	25,373	277	7,091	28.2
8/2/10	7,270.0	25,191	277	7,116	28.5
8/3/10	7,255.2	25,012	277	7,141	28.8
8/4/10	7,240.6	24,837	278	7,166	29.0
8/5/10	7,226.0	24,665	278	7,191	29.3
8/6/10	7,211.5	24,497	279	7,215	29.6
8/7/10	7,197.1	24,331	279	7,239	29.9
8/8/10	7,182.8	24,168	279	7,264	30.2
8/9/10	7,168.6	24,008	280	7,288	30.4
8/10/10	7,154.5	23,851	280	7,312	30.7
8/11/10	7,140.5	23,697	281	7,335	31.0
8/12/10	7,126.6	23,545	281	7,359	31.3
8/13/10	7,112.7	23,396	282	7,382	31.6
8/14/10	7,098.9	23,249	282	7,405	31.8
8/15/10	7,085.2	23,104	282	7,429	32.1
8/16/10	7,071.5	22,963	283	7,451	32.4
8/17/10	7,058.0	22,784	283	7,474	32.7
8/18/10	7,044.5	22,590	283	7,497	33.0
8/19/10	7,031.1	22,399	282	7,519	33.3
8/20/10	7,017.9	22,212	282	7,541	33.5
8/21/10	7,004.7	22,028	282	7,563	33.8
8/22/10	6,991.7	21,848	282	7,585	34.1
8/23/10	6,978.7	21,671	282	7,607	34.4
8/24/10	6,965.8	21,497	281	7,629	34.7
8/25/10	6,953.0	21,327	281	7,650	34.9
8/26/10	6,940.3	21,159	281	7,671	35.2
8/27/10	6,927.7	20,994	281	7,692	35.5
8/28/10	6,915.2	20,832	281	7,713	35.8
8/29/10	6,902.8	20,673	280	7,733	36.1
8/30/10	6,890.4	20,516	280	7,754	36.4
8/31/10	6,878.1	20,362	280	7,774	36.6
9/1/10	6,865.9	20,211	280	7,795	36.9
9/2/10	6,853.8	20,062	280	7,815	37.2
9/3/10	6,841.8	19,916	280	7,835	37.5
9/4/10	6,829.8	19,772	280	7,854	37.8
9/5/10	6,817.9	19,630	280	7,874	38.0
9/6/10	6,806.1	19,490	279	7,893	38.3
9/7/10	6,794.4	19,353	279	7,913	38.6
9/8/10	6,782.7	19,218	279	7,932	38.9
9/9/10	6,771.1	19,085	279	7,951	39.1
9/10/10	6,759.5	18,954	279	7,970	39.4
9/11/10	6,748.1	18,825	279	7,989	39.7
9/12/10	6,736.6	18,698	279	8,008	40.0
9/13/10	6,725.3	18,566	279	8,026	40.3
9/14/10	6,714.0	18,400	278	8,045	40.5
9/15/10	6,702.8	18,236	277	8,063	40.8
9/16/10	6,691.7	18,077	277	8,081	41.1
9/17/10	6,680.7	17,920	276	8,099	41.4
9/18/10	6,669.8	17,768	275	8,117	41.6
9/19/10	6,658.9	17,618	275	8,134	41.9

9/20/10	6,648.1	17,471	274	8,152	42.2
9/21/10	6,637.4	17,327	273	8,169	42.5
9/22/10	6,626.8	17,187	273	8,186	42.7
9/23/10	6,616.2	17,049	272	8,203	43.0
9/24/10	6,605.8	16,913	272	8,220	43.3
9/25/10	6,595.4	16,781	271	8,237	43.6
9/26/10	6,585.0	16,651	271	8,254	43.8
9/27/10	6,574.7	16,523	270	8,270	44.1
9/28/10	6,564.5	16,398	270	8,286	44.4
9/29/10	6,554.4	16,275	269	8,303	44.6
9/30/10	6,544.3	16,154	269	8,319	44.9
10/1/10	6,534.3	16,036	268	8,335	45.2
10/2/10	6,524.3	15,920	268	8,351	45.4
10/3/10	6,514.4	15,806	268	8,367	45.7
10/4/10	6,504.6	15,693	267	8,382	46.0
10/5/10	6,494.8	15,583	267	8,398	46.2
10/6/10	6,485.1	15,475	266	8,413	46.5
10/7/10	6,475.4	15,368	266	8,429	46.8
10/8/10	6,465.8	15,264	266	8,444	47.0
10/9/10	6,456.3	15,161	265	8,459	47.3
10/10/10	6,446.8	15,060	265	8,474	47.6
10/11/10	6,437.3	14,960	265	8,489	47.8
10/12/10	6,427.9	14,862	264	8,504	48.1
10/13/10	6,418.6	14,766	264	8,519	48.4
10/14/10	6,409.3	14,671	264	8,534	48.6
10/15/10	6,400.0	14,578	263	8,548	48.9
10/16/10	6,390.8	14,486	263	8,563	49.2
10/17/10	6,381.6	14,396	263	8,577	49.4
10/18/10	6,372.5	14,307	263	8,591	49.7
10/19/10	6,363.5	14,219	262	8,606	49.9
10/20/10	6,354.4	14,133	262	8,620	50.2
10/21/10	6,345.4	14,048	262	8,634	50.5
10/22/10	6,336.5	13,964	262	8,648	50.7
10/23/10	6,327.6	13,882	261	8,662	51.0
10/24/10	6,318.7	13,801	261	8,675	51.2
10/25/10	6,309.9	13,721	261	8,689	51.5
10/26/10	6,301.2	13,642	261	8,703	51.8
10/27/10	6,292.4	13,564	260	8,716	52.0
10/28/10	6,283.7	13,487	260	8,730	52.3
10/29/10	6,275.1	13,412	260	8,743	52.6
10/30/10	6,266.4	13,337	260	8,756	52.8
10/31/10	6,257.9	13,264	260	8,770	53.1
11/1/10	6,249.3	13,191	260	8,783	53.3
11/2/10	6,240.8	13,107	259	8,796	53.6
11/3/10	6,232.3	13,017	259	8,809	53.8
11/4/10	6,223.9	12,928	258	8,822	54.1
11/5/10	6,215.5	12,840	257	8,835	54.4
11/6/10	6,207.2	12,753	257	8,848	54.6
11/7/10	6,198.9	12,668	256	8,860	54.9
11/8/10	6,190.7	12,584	256	8,873	55.1
11/9/10	6,182.5	12,502	255	8,885	55.4
11/10/10	6,174.4	12,420	255	8,898	55.6

11/11/10	6,166.3	12,340	254	8,910	55.9
11/12/10	6,158.2	12,261	254	8,922	56.2
11/13/10	6,150.2	12,182	253	8,935	56.4
11/14/10	6,142.2	12,105	253	8,947	56.7
11/15/10	6,134.3	12,030	253	8,959	56.9
11/16/10	6,126.4	11,955	252	8,971	57.2
11/17/10	6,118.5	11,881	252	8,983	57.4
11/18/10	6,110.7	11,808	251	8,994	57.7
11/19/10	6,102.9	11,736	251	9,006	57.9
11/20/10	6,095.2	11,665	250	9,018	58.2
11/21/10	6,087.4	11,595	250	9,029	58.4
11/22/10	6,079.8	11,526	250	9,041	58.7
11/23/10	6,072.1	11,458	249	9,052	58.9
11/24/10	6,064.6	11,391	249	9,064	59.2
11/25/10	6,057.0	11,325	248	9,075	59.4
11/26/10	6,049.5	11,259	248	9,086	59.7
11/27/10	6,042.0	11,194	248	9,097	59.9
11/28/10	6,034.5	11,131	247	9,109	60.2
11/29/10	6,027.1	11,067	247	9,120	60.4
11/30/10	6,019.7	11,005	246	9,131	60.6
12/1/10	6,012.3	10,943	246	9,142	60.9
12/2/10	6,005.0	10,883	246	9,153	61.1
12/3/10	5,997.7	10,823	245	9,163	61.4
12/4/10	5,990.4	10,764	245	9,174	61.6
12/5/10	5,983.2	10,705	245	9,185	61.9
12/6/10	5,976.0	10,647	244	9,195	62.1
12/7/10	5,968.8	10,590	244	9,206	62.4
12/8/10	5,961.7	10,534	244	9,217	62.6
12/9/10	5,954.6	10,478	243	9,227	62.9
12/10/10	5,947.5	10,423	243	9,237	63.1
12/11/10	5,940.4	10,368	243	9,248	63.3
12/12/10	5,933.4	10,314	243	9,258	63.6
12/13/10	5,926.4	10,261	242	9,268	63.8
12/14/10	5,919.4	10,208	242	9,279	64.1
12/15/10	5,912.5	10,156	242	9,289	64.3
12/16/10	5,905.6	10,105	241	9,299	64.5
12/17/10	5,898.7	10,054	241	9,309	64.8
12/18/10	5,891.8	10,004	241	9,319	65.0
12/19/10	5,885.0	9,954	240	9,329	65.3
12/20/10	5,878.2	9,905	240	9,339	65.5
12/21/10	5,871.4	9,856	240	9,349	65.8
12/22/10	5,864.7	9,808	240	9,358	66.0
12/23/10	5,857.9	9,760	239	9,368	66.2
12/24/10	5,851.2	9,713	239	9,378	66.5
12/25/10	5,844.6	9,667	239	9,388	66.7
12/26/10	5,837.9	9,621	239	9,397	66.9
12/27/10	5,831.3	9,575	238	9,407	67.2
12/28/10	5,824.7	9,530	238	9,416	67.4
12/29/10	5,818.1	9,485	238	9,426	67.7
12/30/10	5,811.5	9,441	238	9,435	67.9
12/31/10	5,805.0	9,441	238	9,445	68.1

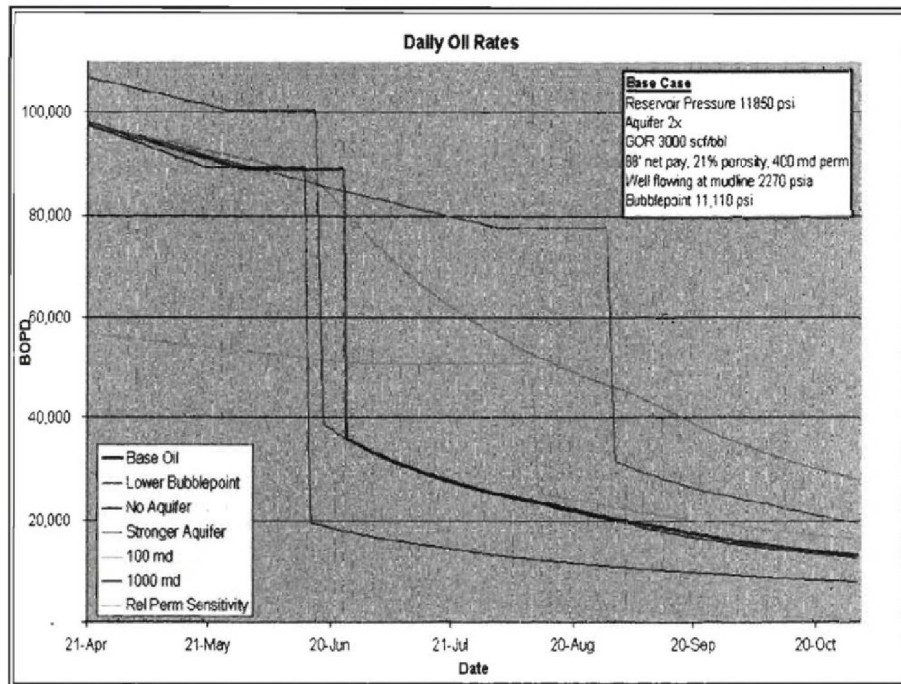


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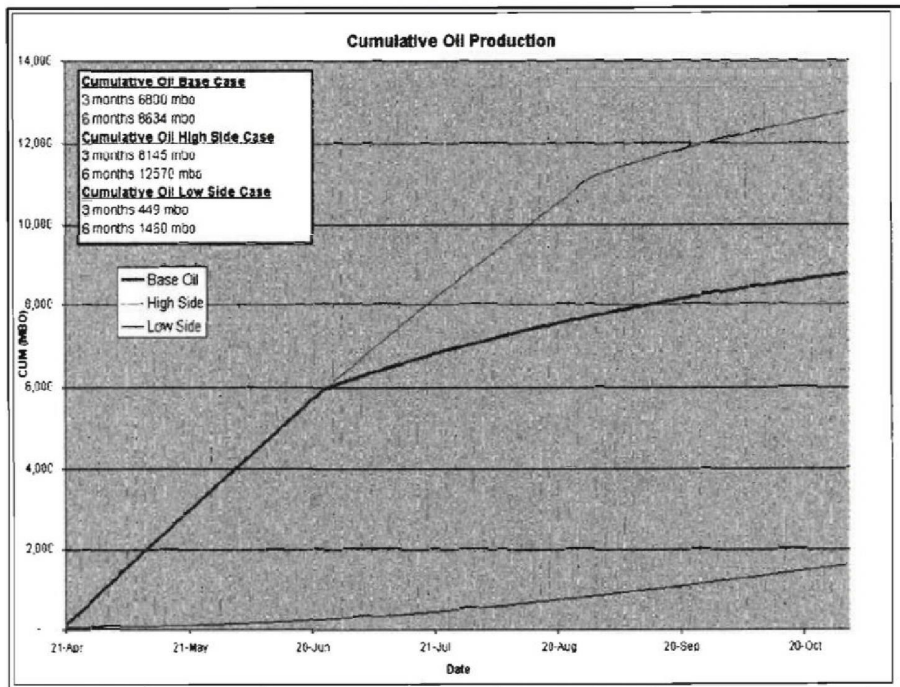


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