VICTOR G. CARRILLO

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Commissioner

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Commissioner



A Monthly Data Review from the Railroad Commission of Texas ■ August 2009

Highlights

Natural Gas Production

In May 2009 Texas natural gas production was 604.84 billion cubic feet (bcf), down from 652.81 bcf produced during the same month in 2008. *Note: The most recent 12 months of oil and gas production data are subject to revision.*

Crude Oil Production

In May 2009 Texas crude oil production averaged 0.957 million barrels per day (mmb/d), down from 0.960 mmb/d reported during the same month in 2008. (See Note above.)

Rotary Rigs Operating in Texas

In July 2009 the average Texas rotary rig count was 342, down from 920 rigs running during the same month last year. The July rig count was up from the June rig count of 329.

Source: Baker Hughes Co.

Permits to Drill

In July 2009 the Railroad Commission issued 1,016 original permits to drill, down from 2,183 permits issued during the same month last year and up from 842 permits issued in June.

Oil and Gas Well Completions

In July 2009 operators reported 368 oil completions, down from 453 oil completions during the same month last year. There were 471 gas completions in July, down from 1,065 gas completions reported during the same month last year. There were 839 wells drilled in Texas in July, down from 1,522 wells drilled during the same month last year.

Trends

EIA Short-Term Outlook for Crude Oil and Natural Gas:

The average price of imported crude for U.S. refiners (an indicator of world oil prices) is expected to fall from the average 2008 level of \$92.61 per barrel to \$64.79 per barrel during the 3rd quarter of 2009 and average \$57.41 for the year, according to the U.S. Energy Information Administration's (EIA) "Short-Term Energy Outlook" for August, 2009. The price is expected to average \$67.00 per barrel for the 4th quarter of 2009.

The West Texas Intermediate spot average is expected to fall from the average 2008 level of \$99.57 per barrel to \$67.38 per barrel during the 3rd quarter of 2009 and average \$59.94 for the year. The price is expected to average \$70.00 per barrel for the 4th quarter of 2009.

U.S. petroleum demand is expected to decrease 4.05 percent from 2008 to 2009 at 18.71 million barrels per day, and increase by 1.50 percent from 2009 to 2010 to 18.99 million barrels per day.

U.S. natural gas demand is expected to decrease by 2.59 percent from 2008 to 2009 to 22.54 trillion cubic feet, and increase by 0.53 percent from 2009 to 2010 to 22.66 trillion cubic feet.

EIA projects that natural gas wellhead prices will average \$3.28 per mcf for the 3rd quarter of 2009 and average \$3.64 per mcf for the year. This is a 54.95 percent decrease from EIA's 2008 average wellhead price of \$8.08 per mcf.

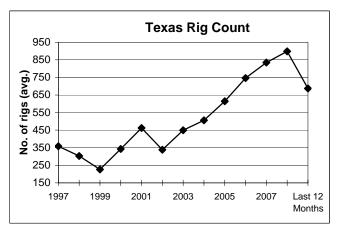
EIA projects an average annual wellhead price of \$4.78 per mcf for 2010, a 31.32 percent increase from the \$3.64 projected average price for 2009.

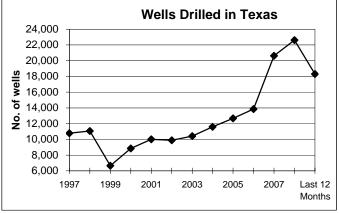
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Table 1. Texas Drilling and Completion Summary

	Δ	ctive Rot	tary Rigs*		Wells Cor	npleted	Wells
Period		Texas	U. S.	Permits #	Oil	Gas	Drilled **
1990		348	1,009	14,033	5,593	2,894	11,231
1991		315	860	12,494	6,025	2,755	11,295
1992		251	721	12,089	5,031	2,537	9,498
1993		264	754	11,612	4,646	3,295	9,969
1994		274	775	11,030	3,962	3,553	9,299
1995		251	723	11,244	4,334	3,778	9,785
1996		283	779	12,669	4,061	4,060	9,747
1997		358	945	13,933	4,482	4,594	10,778
1998		303	827	9,385	4,509	4,907	11,057
1999		226	622	8,430	2,049	3,566	6,658
2000		343	918	12,021	3,111	4,580	8,854
2001		462	1,156	12,227	3,082	5,787	10,005
2002		338	830	9,716	3,268	5,474	9,877
2003		449	1,032	12,664	3,111	6,336	10,420
2004		506	1,192	14,700	3,446	7,118	11,587
2005		614	1,383	16,914	3,454	7,197	12,664
2006		746	1,649	18,952	4,761	8,534	13,854
2007		834	1,769	19,994	5,084	8,643	20,619
2008		898	1,880	24,073	6,208	10,361	22,615
Last 12	2 Months	687	1,534	17,794	7,146	11,123	18,302
2008	Jul	920	1,932	2,183	453	1,065	1,522
	Aug	934	1,987	2,129	357	696	1,057
	Sep	946	2,014	2,335	384	704	1,090
	Oct	925	1,976	2,693	988	1,277	2,269
	Nov	899	1,935	1,517	824	842	1,670
	Dec	826	1,782	1,226	641	819	1,462
	Jan	701	1,553	1,264	556	881	1,443
	Feb	574	1,320	943	777	800	1,579
	Mar	445	1,105	1,033	683	1,176	1,860
	Apr	393	995	858	535	927	1,465
	May	347	918	771	442	753	1,196
	Jun	329	895	842	506	1,183	1,689
2009	Jul	342	931	1,016	368	471	839





^{*} Source: Baker Hughes Inc.

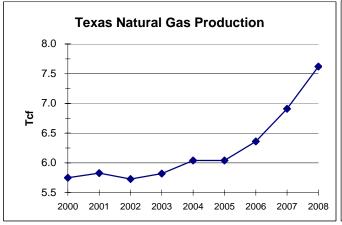
[#] Totals shown are number of drilling permits issued.

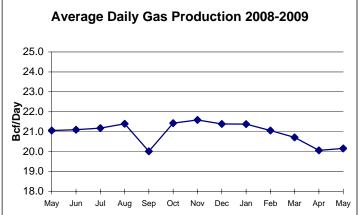
^{**} Wells drilled are oil and gas well completions and dry holes drilled/plugged.

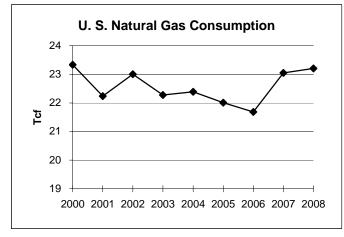
Table 2. Texas Natural Gas (Trillion CF)

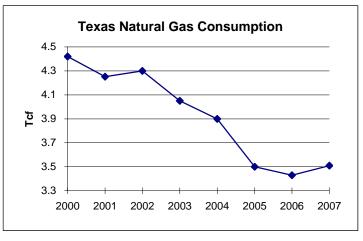
	Total*	Proved	Consump-	Producing	Wellhead
Period	Production	Reserves #	tion#	Wells*	Price **
1990	5.54	41.4	3.60	49,989	\$1.43
1991	5.52	39.3	3.56	49,825	\$1.39
1992	5.45	38.1	3.48	49,839	\$1.45
1993	5.61	37.8	3.74	50,794	\$1.80
1994	5.69	39.0	3.67	52,614	\$1.68
1995	5.69	39.7	3.80	53,612	\$1.36
1996	5.85	41.6	3.99	55,052	\$1.76
1997	5.85	41.1	3.95	56,736	\$2.14
1998	5.82	40.8	4.20	58,436	\$1.96
1999	5.60	43.4	4.01	59,088	\$1.86
2000	5.75	45.4	4.42	60,486	\$3.51
2001	5.83	46.5	4.25	63,598	\$4.00
2002	5.73	47.5	4.30	65,686	\$2.95
2003	5.82	48.7	4.05	68,488	\$4.88
2004	6.04	53.3	3.90	72,237	\$5.46
2005	6.04	60.2	3.50	76,510	\$7.33
2006	6.36	65.8	3.43	83,218	\$6.39
2007	6.91	76.4	3.51	88,311	\$6.37
2008	7.62	n/a	n/a	n/a	\$8.07

	Total Gas Pro	oduction (Bcf	·)*	
	Monthly	Daily	Gas Well	Casinghead
May	652.81	21.06	588.29	64.52
Jun	632.89	21.10	571.17	61.72
Jul	656.49	21.18	591.12	65.37
Aug	663.31	21.40	598.48	64.83
Sep	600.53	20.02	545.96	54.57
Oct	664.22	21.43	600.73	63.49
Nov	647.70	21.59	584.44	63.26
Dec	662.99	21.39	599.26	63.73
Jan	662.71	21.38	598.98	63.73
Feb	589.56	21.06	532.82	56.74
Mar	642.06	20.71	579.06	63.00
Apr	601.90	20.06	539.21	62.69
May	604.84	20.16	540.33	64.51









^{*} Source: Railroad Commission of Texas. The most recent 12 months of production data is subject to revision.

^{**}Source: Texas Comptroller of Public Accounts. Wellhead price is average net taxable price (\$/Mcf) and excludes federal offshore production. Source for 2001 and after is U.S. Energy Information Administration (EIA) and wellhead price is national average.

Table 3. Texas Gas Storage Operations

		_	Reported Max				Preliminary
Productive or Depleted R	eservoirs		Withdrawal	Working Gas*	Working Gas*	Change From	Working Gas*
		_	Rate	Inventory 07/31/09	Inventory 07/31/08	One Year Ago	Inventory 08/15/09
Operator	Field	County Loca	\	(MMCF)	(MMCF)	(MMCF)	(MMCF)
Oneok TX Gas Storage LP	Felmac (Yates)	Gaines	4:		1,295	1,324	2,579
Oneok TX Gas Storage LP	Loop (Yates)	Gaines	7:	800	800	-	800
Enbridge Pipeline LLC	Pickton (Bacon Lime)	Hopkins	15	5 -	-	-	-
Houston Pipe Line Co.	Bammell	Harris	1,30	52,528	21,975	30,553	53,874
Cago, Inc.	Ambassador	Clay	40	08	80	-	80
Hill Lake Gas Storage LP	Hill-Lake Sand	Eastland	450	9,918	7,119	2,799	9,766
ATMOS Pipeline - Texas	Lake Dallas	Denton	120	3,566	3,907	(341)	3,566
ATMOS Pipeline - Texas	La-Pan-Miss	Clay	120	3,402	2,740	662	3,338
Cummings Company, Inc.	Leeray Strawn	Stephens	20	-	-	-	-
ATMOS Pipeline - Texas	New York City	Clay	120	5,441	4,532	909	5,441
Fort Concho Gas Storage, Inc.	Pecan Station	Tom Green	28	393	394	(1)	393
ATMOS Pipeline - Texas	Tri-Cities Bacon	Henderson	27	18,724	21,663	(2,939)	18,816
ATMOS Pipeline - Texas	Tri-Cities Rodessa	Henderson	50	41	217	(176)	41
Lower Colorado River Authority	Hilbig	Bastrop	100	2,436	2,478	(42)	2,270
Natural Gas Pipeline Co.	North Lansing	Harrison	1,100	95,185	71,112	24,073	95,082
Devon Gas Services LP	Lone Camp	Palo Pinto	2	536	471	65	562
Pelican Transmission LLC	Clear Lake	Harris	900	73,914	20,219	53,695	76,850
Energy Transfer Fuel LP	Bryson	Jack	100	4,793	5,735	(942)	4,512
Worsham-Steed Gas Storage, Inc.	Worsham Steed	Jack	25		16,177	8,527	24,072
Katy Storage and Transportation LP	Pottsville	Hamilton	200) -	-	-	-
Enstor Katy Storage and Transportation LP	Katy Hub & Storage	Fort Bend	700	23,900	20,012	3,888	24,087
, ,	,	Subtotals	5,81	322,980	200,926	122,054	326,129
Salt Caverns							
Oneok TX Gas Storage LP	Salado (Loop Yates)	Gaines	500	1,715	1,229	486	1,560
Kinder Morgan Tejas Pipeline LP	Stratton Ridge	Brazoria	250	1,331	986	345	1,298
Centana Intrastate Pipeline LLC	Spindletop	Jefferson	400	4,320	7,148	(2,828)	4,299
Dow Chemical Co.	Stratton Ridge #34	Brazoria	200	-	-	-	-
Dow Chemical Co.	Stratton Ridge #6	Brazoria	180	858	944	(86)	869
Kinder Morgan Texas Pipeline LP	North Dayton	Liberty	750	3,130	2,938	192	2,955
ATMOS Pipeline - Texas	Bethel	Anderson	600	4,597	5,773	(1,176)	4,575
Moss Bluff Hub Partners LP	Moss Bluff	Liberty	1,000	10,368	12,191	(1,823)	9,602
Chevron Phillips Chemical Co	Clemens	Brazoria	7:	1,854	214	1,640	1,907
PB Energy Storage Services, Inc.	Spindletop	Jefferson	480	6,837	6,721	116	6,668
Underground Services Markham, LP	Markham	Matagorda	500	26,516	17,375	9,141	27,359
Energy Transfer Fuel LP	Bethel Salt Dome	Anderson	600		2,863	1,064	3,621
Enterprise Products Operating LP	Wilson	Wharton	800		2,656	3,876	6,670
Chevron Keystone Gas Storage	Keystone Gas Storage	Winkler	350		4,382	695	4,958
Underground Storage, LLC	Pierce Junction	Harris	350	2,342	2,327	15	2,333
Tres Palacios Storage LLC	Markham	Matagorda	2,50		-	17,043	17,728
Č		Subtotals	9,53	•	67,747	28,700	96,402
Source: RRC Form G-3			TOTALS 15,34	419,427	268,673	150,754	422,531

^{*} Note: Native Gas volumes are included in Working Gas volumes with the exception of Houston Pipe Line's Bammel facility and Natural Gas Pipeline Co. of America's North Lansing facility. (The Native Gas in the Bammel and North Lansing facilities is part of the non-working resident gas.)

Table 4. Texas Gas Storage Operations, 2008 - 2009

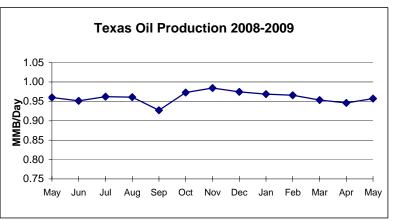
	Depleted Reservoirs		voirs	S	alt Caverns	5	Total			
	Beginning Balance ((Mmcf)	Injections/ Withdrawals) (Mmcf)	Ending Balance (Mmcf)	Beginning Balance ((Mmcf)	Injections/ Withdrawals) (Mmcf)	Ending Balance (Mmcf)	Beginning Balance (\ (Mmcf)	Injections/ Withdrawals) (Mmcf)	Ending Balance (Mmcf)	
Jul-08	212,592	(11,664)	200,928	64,019	3,728	67,747	276,611	(7,936)	268,675	
Aug-08	200,928	1,418	202,346	67,747	(3,587)	64,160	268,675	(2,169)	266,506	
Sep-08	202,346	23,365	225,711	64,160	1,305	65,465	266,506	24,670	291,176	
Oct-08	225,711	22,650	248,361	65,465	1,185	66,650	291,176	23,835	315,011	
Nov-08	248,361	22,416	270,777	66,650	10,868	77,518	315,011	33,284	348,295	
Dec-08	270,777	(16,278)	254,499	77,518	(2,543)	74,975	348,295	(18,821)	329,474	
Jan-09	254,499	(16,834)	237,665	74,975	(11,966)	63,009	329,474	(28,800)	300,674	
Feb-09	237,665	5,296	242,961	63,009	(2,767)	60,242	300,674	2,529	303,203	
Mar-09	242,961	10,833	253,794	60,242	3,375	63,617	303,203	14,208	317,411	
Apr-09	253,794	19,478	273,272	63,617	11,449	75,066	317,411	30,927	348,338	
May-09	273,272	19,282	292,554	75,066	6,131	81,197	348,338	25,413	373,751	
Jun-09	292,554	14,905	307,459	81,197	8,490	89,687	373,751	23,395	397,146	
Jul-09	307,459	15,521	322,980	89,687	6,760	96,447	397,146	22,281	419,427	

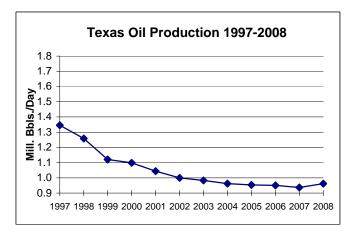
Table 5. Texas Crude Oil (million barrels)

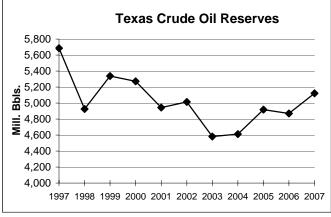
	Total*	Daily	% of U.S.	Proved	% of U.S.	Producing	WTI Spot
Period	Production	Average	Production	Reserves #	Reserves	Wells *	Price **
1990	646	1.77	24.2	7,106	27.1	194,962	\$19.74
1991	644	1.77	24.0	6,797	27.5	196,292	\$21.48
1992	614	1.68	23.5	6,441	27.1	193,310	\$18.61
1993	576	1.58	22.9	6,171	26.9	186,342	\$17.30
1994	542	1.49	22.3	5,847	26.0	179,955	\$14.73
1995	513	1.40	21.5	5,743	25.7	177,397	\$16.31
1996	500	1.37	21.0	5,736	26.0	175,277	\$18.77
1997	491	1.35	21.0	5,687	25.2	175,475	\$20.01
1998	460	1.26	20.1	4,927	23.4	170,288	\$14.06
1999	409	1.12	19.1	5,339	24.5	162,620	\$14.31
2000	401	1.10	18.8	5,273	23.9	161,097	\$28.71
2001	381	1.04	18.0	4,944	22.0	159,357	\$24.62
2002	365	1.00	17.4	5,015	22.1	155,865	\$24.33
2003	359	0.98	17.4	4,583	20.9	153,461	\$31.08
2004	351	0.96	17.7	4,613	21.5	151,205	\$41.51
2005	348	0.95	18.4	4,919	19.0	151,286	\$56.64
2006	347	0.95	18.6	4,871	23.4	151,832	\$66.05
2007	342	0.94	18.5	5,122	24.0	153,223	\$72.34
2008	351	0.96	19.2	n/a	n/a	n/a	\$99.67
Move	20.76	0.060					

0.960 29.76 May 28.54 0.951 Jun 0.962 Jul 29.82 29.79 0.961 Aug 27.81 0.927 Sep 30.16 0.973 Oct Nov 29.53 0.984 30.21 0.975 Dec 30.03 0.969 Jan 27.04 0.966 Feb Mar 29.56 0.954 Apr 28.38 0.946 28.71 0.957

May







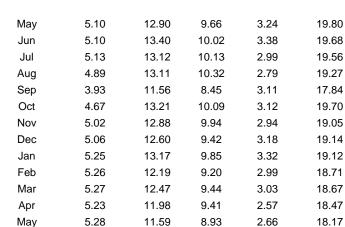
Source: U.S. Energy Information Administration (EIA). Reserve estimates for 1985 and after exclude federal offshore.

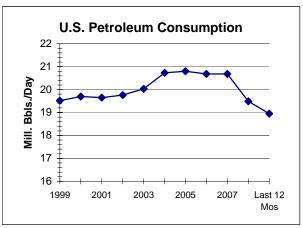
^{*} Source: Railroad Commission of Texas. The most recent 12 months of production data is subject to revision.

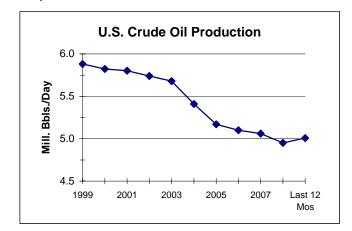
^{**} Source: Texas Comptroller of Public Accounts. Wellhead price is average net taxable price (\$/bbl.) and excludes federal offshore production. Source for 2001 and after is (EIA) and wellhead price is West Texas Intermediate spot average.

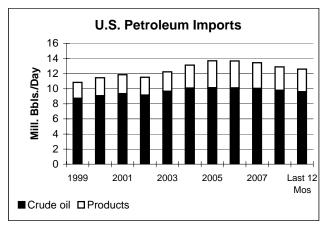
Table 6. U. S. Petroleum Overview (million barrels per day)

		Imports **		Products	Proved	Wells	Wellhead	
Period	Production *	Total	Crude Oil	Products	Supplied #	Reserves **	Drilled **	Price **
1990	7.36	8.02	5.89	2.12	16.99	26,254	32,067	\$20.03
1991	7.42	7.63	5.78	1.84	16.71	24,682	29,528	\$16.54
1992	7.17	7.89	6.08	1.81	17.03	23,745	23,608	\$15.99
1993	6.85	8.62	6.79	1.83	17.24	22,957	25,451	\$14.25
1994	6.66	9.00	7.06	1.93	17.72	22,457	22,255	\$13.19
1995	6.56	8.84	7.23	1.61	17.72	22,351	21,600	\$14.62
1996	6.47	9.48	7.51	1.97	18.31	22,017	23,886	\$18.46
1997	6.45	10.16	8.23	1.94	18.62	22,546	27,586	\$17.23
1998	6.25	10.71	8.71	2.00	18.92	21,034	22,911	\$10.87
1999	5.88	10.85	8.73	2.12	19.52	21,765	18,939	\$15.56
2000	5.82	11.46	9.07	2.39	19.70	22,045	29,038	\$26.72
2001	5.80	11.87	9.33	2.54	19.65	22,446	35,303	\$21.84
2002	5.74	11.53	9.14	2.39	19.76	22,677	27,655	\$22.51
2003	5.68	12.25	9.66	2.59	20.03	21,891	32,511	\$27.56
2004	5.41	13.13	10.08	3.05	20.73	21,371	36,379	\$36.77
2005	5.17	13.70	10.12	3.58	20.80	21,757	42,673	\$50.28
2006	5.10	13.69	10.11	3.58	20.68	20,972	50,081	\$59.69
2007	5.06	13.46	10.03	3.43	20.68	21,317	50,582	\$66.52
2008	4.95	12.91	9.78	3.13	19.49	n/a	55,669	\$94.04
Last 12 Mos	5.01	12.61	9.60	3.01	18.95			
May	5.10	12.00	0.66	2 24	10.90			









^{*} Source: U.S. Energy Information Administration (EIA). Recent production data is subject to revision.

[#] Source: EIA. Petroleum products supplied is a measure of domestic consumption.

^{**} Source: EIA. Wells drilled includes crude oil, natural gas, and dry wells drilled. U.S. average wellhead (first purchase) price is dollars per barrel.

Railroad Commission of Texas

P. O. Box 12967 Austin, Texas 78711-2967

Texas PetroFacts is available in PDF format for download from the Railroad Commission web site at http://www.rrc.state.tx.us.

Created in 1891 by the Texas Legislature, the Railroad Commission today is known principally as a leader in the regulation and conservation of oil and natural gas in Texas. For more than 85 years, the Commission has been charged with preventing waste and pollution while safeguarding property rights.

We believe the people of Texas continue to have a vital stake in the orderly production and conservation of the state's natural resources. Across the state, crude oil and natural gas are produced in 179 of 254 counties. About 230,000 persons are employed in oil and gas exploration, production, refining, and related industries. In all, businesses involved with the Texas oil and gas industry contribute about \$159.3 billion annually to the state's more than one trillion-dollar economy.

As an oil and gas producer, the state of Texas ranks among the nations of the world. Texas leads the United States in the production of crude oil and natural gas, and its marketed production of natural gas represents one-third of total U. S. supply. Texas produces an average of nearly one million barrels of oil a day; natural gas production in the state exceeds 6 trillion cubic feet a year.

Elizabeth A. Jones Commissioner

Victor G. Carrillo Chairman

Michael L. Williams Commissioner

