

Oil & natural gas extraction data

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Climate Mitigation Services
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Kerr-McGee, USA

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www.kerrmcgee.com

Oklahoma City

Production / Extraction data

Year

Crude Oil & NGL

Natural Gas

Company 1	Company 2	Company 3	Total
Million bbl /yr	Million bbl /yr	Million bbl /yr	Million bbl /yr
Sun Oil 1945-89, Oryx 1980-98	HS Res 1994-2000 Westport 2001-03	Kerr-McGee 1985-2008	

Company 1	Company 2	Company 3	Total
Billion cf/yr	Billion cf/yr	Billion cf/yr	Billion cf/yr
Sun Oil 1945-89, Oryx 1980-98	HS Res 1994-2000 Westport 2001-03	Kerr-McGee 1985-2008	

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- 81 2008
- 82 2009
- 83 2010

Year	Sun Oil Oryx Energy Million bbl /yr	HS Res Westport Million bbl /yr	Kerr-McGee Million bbl /yr	Total Million bbl /yr
1942	27.11			27
1943	28.92			29
1944	33.08			33
1945	37.62			38
1946	32.15			32
1947	34.60			35
1948	40.76			41
1949	42.21			42
1950	42.97			43
1951	40.45			40
1952	46.13			46
1953	51.82			52
1954	57.50			58
1955	63.19			63
1956	68.87			69
1957	74.55			75
1958	80.24			80
1959	85.92			86
1960	91.61			92
1961	97.29			97
1962	102.98			103
1963	108.66			109
1964	114.34	114.34	313.27	114
1965	128.76	128.76	352.76	129
1966	138.88	138.88	380.48	139
1967	135.54			136
1968	132.19			132
1969	128.85			129
1970	125.51	interpolated		126
1971	122.17	interpolated		122
1972	118.83			119
1973	115.49			115
1974	112.15			112
1975	108.81			109
1976	105.47			105
1977	102.13			102
1978	98.79			99
1979	95.45			95
1980	92.11			92
1981	88.77			89
1982	85.43		15.8	101
1983	82.09		15.8	98
1984	78.75		13.3	92
1985	75.41		14.1	90
1986	72.06		16.7	89
1987	68.72		18.4	87
1988	65.38	HS Resources	18.4	84
1989	62.04	Westport Resources	18.5	81
1990	58.70		19.4	78
1991	55.36		24.6	82
1992	52.02		26.0	80
1993	48.68		25.0	76
1994	45.34		21.0	69
1995	42.00		63.0	108
1996			72.0	74
1997			75.6	78
1998			72.3	77
1999			69.7	78
2000			54.8	63
2001			58.0	58
2002			59.0	59

Sun Oil does not report gas production or sales prior to 1966



Year	Sun Oil Oryx Energy Bcf /yr	HS Res Westport Billion cf/yr	Kerr-McGee OGJ100 Billion cf/yr	Total Billion cf/yr
1966	573.4			573
1967	519.8			520
1968	470.9			471
1969	459.6			460
1970	448.4			448
1971	437.2			437
1972	426.0	interpolated		426
1973	414.8	interpolated		415
1974	403.6			404
1975	392.4			392
1976	381.2			381
1977	370.0			370
1978	358.8			359
1979	347.6			348
1980	336.4			336
1981	325.2			325
1982	314.0			314
1983	302.8			303
1984	291.6		67.7	359
1985	280.4		67.7	348
1986	269.2		87.3	357
1987	258.0		95.6	354
1988	246.8		91.0	338
1989	235.6		92.8	328
1990	224.4	HS Resources	102.3	327
1991	213.2	Westport Resources	108.0	321
1992	202.0		104.5	307
1993	190.8		99.3	310
1994	179.6	20.1	21.1	106.0
1995	168.4	34.2		104.0
1996	157.2	41.1		68.0
1997	146.0	57.0		214.0
1998		58.8		214.0
1999		65.8		193.5
2000	530	58.6		217.9
2001	760	82.4		277.4
2002	726	97.0		265.0
2003				337.0
2004				374.0

Kerr-McGee merged with Anadarko Petroleum in 2006

deleted Kerr-McGee from Oil & Gas Prodn & Emissions worksheets (Dec09), listed with Anadarko

Total	na	na	5,053	na	na	14,023
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Cell: G9**Comment:** Rick Heede:

The Kerr-McGee Corporation, founded in 1929, was an energy company involved in the exploration and production of oil and gas. It was also heavily involved in uranium mining and milling in the United States. On June 23, 2006, Houston-based Anadarko Petroleum Corporation agreed to acquire Kerr-McGee in an all-cash transaction totaling \$16.5 billion plus the assumption of \$2.6 billion in debt. Kerr-McGee shareholders voted to approve the offer on August 10, 2006 and Kerr-McGee ceased to exist as an independent entity. As a result of the takeover, all operations (with the exception of Tronox which was spun off as a separate company in 2005) moved out of Oklahoma.

The company later known as Kerr-McGee was founded in 1929 by Oklahoma businessman-politician Robert S. Kerr (1896-1963). When Dean A. McGee (1904-1989), a former chief geologist for Phillips Petroleum, joined the firm in 1946, it changed its name to Kerr-McGee Oil Industries, Incorporated. The company initially focused mostly on off-shore oil exploration and production, being one of the first companies to use drillships in the Gulf of Mexico, and later one of the first companies to use a Spar type platform in the area.

With the acquisition of the Oryx Energy Company of Dallas, Texas in 1999, Kerr-McGee gained more onshore assets, as well as significant assets in several foreign areas, most notably Algeria and western Kazakhstan. Later acquisitions of HS Resources and Westport Resources Corp. established the base of operations in Denver, Colorado and added large resource areas throughout the Rocky Mountains.

Source: Wikipedia.

Cell: G12**Comment:** Rick Heede:

Total net worldwide crude oil plus natural gas liquids produced by each company or state-owned enterprise. Where data is available, we list gross production (before royalty production is netted out). More often, however, oil companies report production net of royalty production.

Crude production includes natural gas liquids (NGL) unless noted.

Cell: L12**Comment:** Rick Heede:

Natural gas is typically reported as dry gas; natural gas liquids are reported under crude oil.

Carbon dioxide is normally removed from the gas flow at the production site (see "Vented Carbon Dioxide").

"SCM/d" = standard cubic meters per day. "cf/d" = cubic feet per day.

Cell: D15**Comment:** Rick Heede:

Sun Oil Company sold its production assets (*) to Oryx Energy in 1989 (see BLM's). Oryx, facing bankruptcy, was bought by Kerr-McGee in 1998.**)

(*) Sun Oil Company history (www.sunocoinc.com/Site/TheCompany/OurHistory/): "In 1988 Sun's board approved a major restructuring of the company, disposing of all domestic oil and gas exploration and production through the distribution of Sun Exploration and Production Company, a wholly owned subsidiary, to the common shareholders of Sun Company, Inc., and focusing on the "downstream" part of the business -- refining and marketing."

(**) Dallas Business Journal - October 16, 1998: "Oklahoma City-based Kerr-McGee Corp. acquired Dallas-based Oryx Energy Co. for \$2.98 billion. The combined company will operate as Kerr-McGee and be based in Oklahoma City. The deal will make Kerr-McGee the fourth largest independent oil and gas production company."

Cell: F15**Comment:** Rick Heede:

HS Resources natural gas production data for 1994 to 2000.

Cell: D19**Comment:** Rick Heede:

Sun Oil Company "net production of crude oil and NGL" for 1945-1954 in Johnson, Arthur M. (1983) The Challenge of Change: The Sun Oil Company, 1945-1977, Table 1.

Cell: F41**Comment:** Rick Heede:

Sun Oil "net production of crude oil and condensate" for 1967-1969 in Johnson (1983), p. 235. These quantities do NOT include "processed natural gas liquids" (41.5, 47.6, and 47.9 thousand bbl per day). CMS does add add Suncor's Canadian syncrude production (0, 23,7, and 27.4 thousand bbl per day in 1967, 1968, and 1969, respectively).

Cell: K41**Comment:** Rick Heede:

Sun Oil "natural gas sales, in million cf per day, Johnson (1983, p. 235. Sun operated 1,415 to 1,481 gas wells.

Cell: D62**Comment:** Rick Heede:**Cell:** D72**Comment:** Rick Heede:

CMS does not have recent data for Oryx, which Kerr-McGee acquired in 1998. CMS assumes that the increased production reported by Oil & Gas Journal from 1997 to 1998 represents the Oryx crude oil production. CMS also interpolates between 1998 and the previous know oil production in 1969. CMS will update this with original data when it becomes available.

Cell: I72**Comment:** Rick Heede:

CSM assumes that the increased gas production in 1998 to Kerr-McGee's acquisition of Oryx in 1998 (Oryx acquired Sun Production in 1989). CMS also interpolates gas sales back to 1969, the most recent year for which CMS has actual data.

Cell: D74**Comment:** Rick Heede:

Data 2000 and 2001 from EI (2003) Top 100, p. 163.

Cell: D76**Comment:** Rick Heede:

2002 and 2003 oil and gas data from Kerr-McGee (2004) Annual Report for 2003, www.kerr-mcgee.com.