

Oil & natural gas extraction data

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Climate Mitigation Services
File started: 11 January 2005
Last modified: January 2020

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Pioneer Natural Resources, USA

Irving, TX

yellow column indicates original reported units

Investor-owned

Production / Extraction data

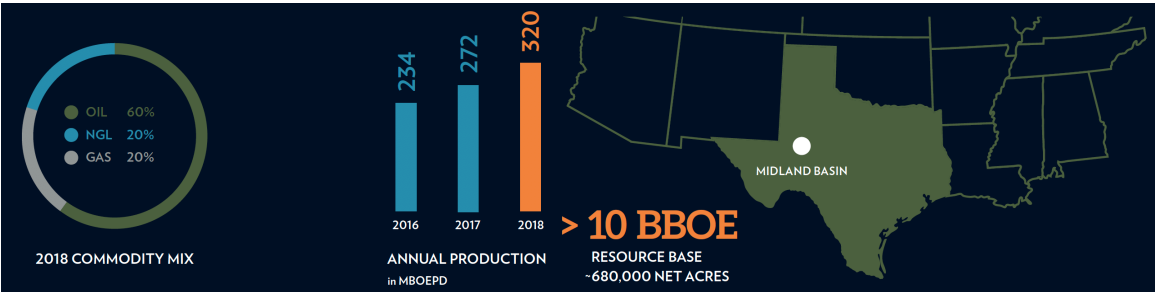
Year

Crude Oil & NGL			Natural Gas				
Net production	Net production	Net production	Net production	Net production	Net production		
Thousand bbl /d	Million bbl /yr	Million tonnes/yr	Million cf/d	Million SCM/d	Billion cf/yr	Million tons/yr	Million tonnes/yr

Created in 1997 (merger of Parker & Parsley Petroleum and MESA).
In 2004, Pioneer merged with Evergreen Resources, Inc.

PIONEER

NATURAL RESOURCES



Pioneer Natural Resources AnnRpt 2015.

Year	Crude oil			NGL			Liquids			Natural Gas			reserves oil		reserves gas	
	thousand bpd	thousand bpd	thousand bpd	thousand bpd	thousand bpd	thousand bpd	Mb	Mb	Mb	Bcf	Bcf	Bcf	Bcf	1997, Mb	1997, Bcf	
1995	35.3	-	-	-	-	-	13	233.7	85							
1996	30.8	-	-	-	-	-	11	207.2	76							
1997	37.3	11.7	-	-	-	-	18	287.3	105							
1998	59.1	29.2	-	-	-	-	32	503.9	184							
1999	42.3	25.3	-	-	-	-	25	434.1	158							
2000	34.2	22.9	-	-	-	-	21	371.2	135							
2001	34.2	21.4	-	-	-	-	20	350.3	128							
2002	31.5	22.2	-	-	-	-	20	358.9	131							
2003	35.3	22.6	-	-	-	-	21	581.4	212							
2004	33.6	20.1	-	-	-	-	20	235.0	86				423		2,198	
2005	32.2	17.9	-	-	-	-	18	307.5	112							
2006	24.2	18.5	-	-	-	-	16	285.9	104							
2007	25.2	18.6	-	-	-	-	16	321.8	117							
2008	23.5	19.0	-	-	-	-	16	377.0	138							
2009	25.3	19.7	-	-	-	-	16	378.3	138							
2010	28.8	19.7	-	-	-	-	18	365.0	133							
2011	41.7	22.5	-	-	-	-	23	364.9	133							
2012	63.1	29.8	-	-	-	-	34	388.7	142							
2013	75.2	35.6	-	-	-	-	40	380.5	139							
2014	89.6	43.2	-	-	-	-	48	377.2	138							
2015	105.3	38.6	-	-	-	-	53	360.7	132							
2016	133.7	43.5	-	-	-	-	65	339.8	124							
2017	158.6	55.0	-	-	-	-	78	352.5	129							
2018	190.6	63.8	-	-	-	-	93	393.4	144							
Total	na	na	734	na	na	3,123	806.51	4,465.05								

Average daily sales volumes are as follows:

	Year Ended December 31,		
	2018	2017	2016
Oil (Bbls)	190,639	158,571	133,677
NGLs (Bbls)	63,780	55,008	43,504
Gas (Mcf) (a)	393,391	352,507	339,966
Total (BOE)	319,984	272,330	233,842

Pioneer Natural Resources (2019) AnnRpt and 10-K, page 53, oil and NGL, average daily sales volumes for 2016 to 2018

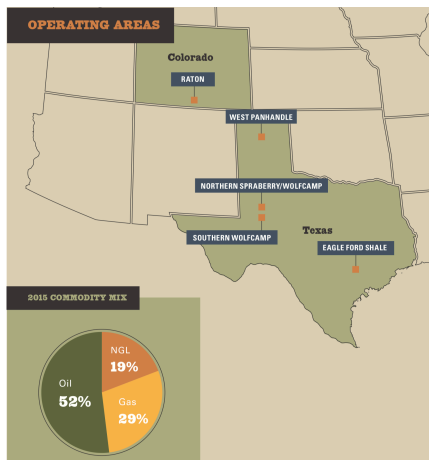
Average daily sales volumes are as follows:

	Year Ended December 31,		
	2010	2009	2008
Oil (Bbls):			
United States	28,211	24,968	21,091
South Africa	616	375	2,405
Worldwide	28,827	25,343	23,496
NGLs (Bbls):			
United States	19,736	19,680	19,048
Gas (Mcf):			
United States	335,256	352,749	366,796
South Africa	29,760	25,538	10,232
Worldwide	365,016	378,287	377,028

Pioneer Natural Resources AnnRpt and 10-K for 2010, page 48, oil and NGL, average daily sales volumes

	Year ended December 31,								
	1997			1996			1995		
	United States	Argentina	Total	United States	Australia(b) and Argentina	Total	United States	Australia	Total
<S>	<C>	<C>	<C>	<C>	<C>	<C>	<C>	<C>	<C>
Production information:									
Annual production:									
Oil (MBbls).....	13,470	148	13,618	10,872	403	11,275	11,328	1,574	12,902
NGLs (MBbls)...	4,267	-	4,267	-	-	-	-	-	-
Gas (MMcf).....	104,868	-	104,868	73,924	1,927	75,851	76,669	8,626	85,295
Total (MBOE)....	35,215	148	35,363	23,193	723	23,916	24,106	3,012	27,118
Average daily production:									
Oil (Bbls)....	36,903	406	37,309	29,705	1,100	30,805	31,036	4,312	35,348
NGLs (Bbls)...	11,691	-	11,691	-	-	-	-	-	-
Gas (Mcf).....	287,309	-	287,309	201,979	5,265	207,244	210,052	23,633	233,685
Total (BOE)....	96,479	406	96,885	63,368	1,978	65,346	66,045	8,251	74,296

Pioneer Natural Resources 10-K for 1997, page 18: oil & NGL daily production, for 1995 to 1997



Pioneer Natural Resources AnnRpt 2015.



Pioneer Natural Resources 2018 10-K

Cell: I9**Comment:** Rick Heede:

Wiki: Pioneer Natural Resources Co. is an Irving, Texas-based, large, independent oil and gas company. The company was created in 1997 by the merger of Parker & Parsley Petroleum Company and MESA Inc. In 2004, Pioneer Natural Resources merged with Evergreen Resources, Inc.

Cell: M11**Comment:** Rick Heede:

On this worksheet we report extractive data for each company or state-owned enterprise. Three columns under crude oil and natural gas allow for data reported in one of three formats (e.g., thousand barrels per day, or million barrels per year, or million tonnes per year). Coal is normally reported in short tons or metric tonnes per year.

The subtraction of the fraction typically sequestered in petrochemicals and other non-combusted uses such as road oils, waxes, lubricants, greases, etc. Non-fuel uses are accounted for in the emission factors and applied to each entity in the oil, gas, and coal summary worksheets.

Cell: F12**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 net production (after royalty production is deducted).

We rely on company annual reports, Form 10-k, or other company data where available. In some cases -- particularly for state-owned oil and gas companies -- we use production data from the Oil & Gas Journal in its OGJ150 and OGJ100.

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

Cell: J12**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.

Net production typically excludes a number of diverted gas streams. Quantities and fractions vary; ExxonMobil's exclusions are typical of the industry: "Net production available for sale quantities are the volumes withdrawn from ... natural gas reserves, excluding royalties and volumes due to others when produced, and excluding gas purchased from others, gas consumed in producing operations, field processing plant losses, volumes used for gas lift, gas injections and cycling operations, quantities flared, and volume shrinkage due to the removal of condensate or natural gas liquids production."

ExxonMobil Corporation (2004) 2003 Financial and Operating Review, www.exxonmobil.com, p. 55.

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

Pioneer Natural Resources 10-K for 1997, page 18: oil & NGL daily production, for 1995 to 1997. (see table below)

Cell: H62**Comment:** Rick Heede:

Pioneer Natural Resources 10-K for 1997, page 18: natural gas daily production, in million cfpd, for 1995 to 1997. (see table below)

Cell: D65**Comment:** Rick Heede:

Pioneer Natural Resources 10-K for 2000, page 24: oil & NGL daily production, for 1998-2000.

Note: "The decline in production was primarily attributable to asset divestitures, but also reflects the deferral of oil well completions at the end of 1998 and the beginning of 1999 until oil prices recovered, in addition to normal well production declines."

Cell: D68**Comment:** Rick Heede:

Pioneer Natural Resources 10-K for 2003, page 20: oil & NGL daily production, for 2001-2003.

Cell: D71**Comment:** Rick Heede:

Pioneer Natural Resources 10-K for 2006, page 20: oil & NGL daily production, for 2004-2006. And natural gas, in million cfpd.

Cell: D73**Comment:** Rick Heede:

Pioneer Natural Resources AnnRpt and 10-K for 2008, page 43, oil and NGL, average daily sales volumes, in thousand bpd.

Cell: D75**Comment:** Rick Heede:

Pioneer Natural Resources AnnRpt and 10-K for 2010, page 48, oil and NGL, average daily sales volumes, in thousand bpd.

Cell: D78**Comment:** Rick Heede:

Pioneer Natural Resources AnnRpt and 10-K for 2013, page 41-43, oil and NGL, average daily sales volumes for 2011 to 2013. And gas, million cfpd.

Cell: H78**Comment:** Rick Heede:

Pioneer Natural Resources AnnRpt and 10-K for 2013, page 41-43, natural gas, average daily sales volumes for 2011 to 2013, in million cfpd.

Cell: D81**Comment:** Rick Heede:

Pioneer Natural Resources AnnRpt and 10-K for 2016, page 50, oil and NGL, average daily sales volumes for 2014 and 2015.

Cell: D83**Comment:** Rick Heede:

Pioneer Natural Resources 2018 AnnRpt and 10-K, page 53, oil and NGL, average daily sales volumes for 2016 to 2018. Table reproduced below.

Cell: H83**Comment:** Rick Heede:

Pioneer Natural Resources (2019) AnnRpt and 10-K, page 53, oil and NGL, average daily sales volumes, for 2016 to 2018. Gas, 2018: 393 Mcf per day.

Footnote: "Gas production excludes gas produced and used as field fuel."

Cell: M187**Comment:** Rick Heede:

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