

Oil Stain: How Dirty Crude Undercuts California's Climate Progress
A Report from the Center for Biological Diversity
November 2017

Supplemental Table 1: Oil Production from California's 35 Dirtiest Oil Fields.

Oil production (in barrels) during 2014, 2015, and 2016 from 35 California oil fields that produce very dirty oil with lifecycle greenhouse emissions of 600 kg CO₂ eq per barrel or more.

35 Dirtiest Oil Fields (Producing Oil With Lifecycle GHG Emissions of 600 kg CO₂ eq per barrel or more)	Lifecycle GHG Emissions (kg CO₂ eq per barrel)	2014 Production (barrels)	2015 Production (barrels)	2016 Production (barrels)
Midway-Sunset	725-800	29,314,561	28,184,793	24,693,465
San Ardo	760	7,680,534	7,796,469	7,925,192
Arroyo Grande	740	422,592	498,091	572,247
Poso Creek	740	3,606,689	3,964,590	4,202,717
Placerita	730	898,754	886,135	609,410
Antelope Hills, North	720	316,664	336,633	289,014
Kern Front	710	4,624,572	5,014,587	4,565,318
Ant Hill	700	48,791	42,769	38,810
Coalinga	700	6,097,725	6,780,790	6,395,643
Round Mountain	700	4,225,365	3,613,570	2,574,219
South Belridge	690	23,574,371	22,901,979	22,554,554
Mount Poso	670	1,266,769	1,307,139	1,308,326
Lompoc	660	342,134	345,984	278,844
Chico-Martinez	650	168,177	199,237	68,133
Comanche Point	650	28,858	22,968	16,793
Deer Creek	650	46,985	39,031	32,274
Kern River	650	25,264,304	25,693,327	24,279,378
Lynch Canyon	650	291,504	268,814	253,521
Oxnard	650	361,053	391,167	432,981
Zaca	650	245,055	232,494	210,226
Burrel	640	14,858	14,840	11,051
Jasmin	640	125,925	112,178	102,376
McKittrick	630	3,070,200	3,334,448	3,402,335
Wilmington	625	14,236,658	13,657,032	12,572,266
Blackwells Corner	620	11,618	11,780	11,285
Buena Vista	620	1,168,964	1,190,919	1,167,228
Casmalia	620	200,271	198,385	135,022
Cat Canyon	620	1,579,569	1,289,170	1,198,910
Hasley Canyon	610	30,034	26,148	23,663
Huntington Beach	610	2,314,022	2,477,286	2,264,080
McCool Ranch	610	21,981	32,018	9,599
Tapia	610	26,369	18,830	15,616
Cascade	600	132,485	155,685	131,662
Cymric	600	15,754,086	16,548,568	16,922,725
Fruitvale	600	454,108	464,538	402,837
Total production from 35 fields (barrels)		147,966,605	148,052,392	139,671,720
Total statewide annual production (barrels)		205,400,000	201,700,000	186,700,000
Percent of statewide production		72 percent	73 percent	75 percent

Source for lifecycle greenhouse gas emissions:

Gordon, Deborah & Samuel Wojcicki, Carnegie Endowment for International Peace, Provisional OCI Results, California Oils (March 15, 2017), available at http://carnegieendowment.org/files/154_CA_Oils_Provisional_Results.pdf.

Sources for annual oil production volumes:

Division of Oil, Gas, and Geothermal Resources (DOGGR), 2014 Preliminary Report of California Oil and Gas Production Statistics, Department of Conservation (July 2015), available at ftp://ftp.consrv.ca.gov/pub/oil/annual_reports/2014/PR03_PreAnnual_2014.pdf;

Division of Oil, Gas, and Geothermal Resources (DOGGR), 2015 Report of California Oil and Gas Production Statistics, Department of Conservation (April 2016), available at ftp://ftp.consrv.ca.gov/pub/oil/annual_reports/2015/PR03_2015.pdf;

Division of Oil, Gas, and Geothermal Resources (DOGGR), 2016 Report of California Oil and Gas Production Statistics, Department of Conservation (September 2017), available at ftp://ftp.consrv.ca.gov/pub/oil/annual_reports/2016/2016_Annual_Report_Final_Corrected.pdf.