









**PLAINS MARKETING, L.P.**

333 CLAY ST #1600  
HOUSTON, TX 77002

**CALIFORNIA CRUDE OIL PRICE BULLETIN**

Effective 7:00 A.M. on the date(s) shown, Plains Marketing, L.P. will post the following prices per barrel for marketable crude oil and condensate delivered for its account into the custody of its authorized carrier(s) or receiving agent(s). Prices for oil apply to quantities measured by approved automatic custody transfer facilities or 100% tank table with customary adjustment of volume and gravity for temperature and full deduction for basic sediment and water. All prices may be subject to deduction for truck and/or pipeline charges where applicable. For other requests concerning Plains Marketing L.P.'s price bulletin, please call Rick Thomas at (713) 993-5328. The following prices are for informational purposes only, do not constitute an offer, and are subject to change or revisions without notice.

AREA/TYPE	Bulletin: 223		Nov-13	
	Effective Date: 11/29/13		EDQ	
	POSTED			
	GRAV			
<b>CALIFORNIA:</b>				
Belgian Anticline	34	*	93.90	93.4983
Bellevue	34	*	94.35	93.9483
Belridge Heavy (27 & under)	14	*	87.75	87.3483
Buena Vista Hills	26	*	96.15	95.7483
Cymric	13	*	87.30	86.8983
Edison Field	18	*	88.10	87.6983
Fruitvale	16	*	88.05	87.6483
Huntington Beach	20	*	90.30	89.8983
Kern Front	13	*	87.30	86.8983
Kern River Area	13	*	87.30	86.8983
Kettleman Hills	34	*	94.55	94.1483
Long Beach (Signal Hill)	27	*	93.75	93.3483
Lost Hills	28	*	94.20	93.7983
Midway-Sunset	13	*	90.55	90.1483
Mountain View	32	*	93.90	93.4983
Newport	15	*	87.15	86.7483
Pt Arguello	19	*	88.25	87.8483
Rosecrans	34	*	94.90	94.4983
Santa Maria Area	15	*	87.25	86.8483
Torrance	20	*	89.65	89.2483
Ventura	28	*	94.30	93.8983
Wilmington	17	*	88.05	87.6483
Yowlumne	31	*	96.30	95.8983

Prices for crude oil and condensate will be adjusted to the nearest one-tenth degree API using the following price adjustments for gravity variations from the posted gravity.

Gravity Range Degree API	Price Adjustment \$/BBL/Tenth Degree API	
Above 40 degrees	0.000	0.000
34.0 to 40.0 degrees	0.010	0.010
20.0 to 34.0 degrees	0.0425	0.0425
Below 20.0 degrees	0.0425	0.0425