



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 Christian deCardenas at (713) 993-5255. 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:		228	229	230	231	Nov-16				
	Effective Date:		11/25/16	11/28/16	11/29/16	11/30/16	EDQ				
	POSTED GRAV										
CALIFORNIA:											
Belgian Anticline	34	*	40.73	*	41.72	*	39.87	*	44.01	*	40.3507
Bellevue	34	*	41.18	*	42.17	*	40.32	*	44.46	*	40.8007
Belridge Heavy (27 & under)	14	*	34.58	*	35.57	*	33.72	*	37.86	*	34.2007
Buena Vista Hills	26	*	42.98	*	43.97	*	42.12	*	46.26	*	42.6023
Cymric	13	*	34.13	*	35.12	*	33.27	*	37.41	*	33.7507
Edison Field	18	*	34.93	*	35.92	*	34.07	*	38.21	*	34.5507
Fruitvale	16	*	34.88	*	35.87	*	34.02	*	38.16	*	34.5007
Huntington Beach	20	*	37.13	*	38.12	*	36.27	*	40.41	*	36.7507
Kern Front	13	*	34.13	*	35.12	*	33.27	*	37.41	*	33.7507
Kern River Area	13	*	34.13	*	35.12	*	33.27	*	37.41	*	33.7507
Kettleman Hills	34	*	42.03	*	43.02	*	41.17	*	45.31	*	41.6507
Long Beach (Signal Hill)	27	*	40.58	*	41.57	*	39.72	*	43.86	*	40.2007
Lost Hills	28	*	41.03	*	42.02	*	40.17	*	44.31	*	40.6507
Midway-Sunset	13	*	37.62	*	38.61	*	36.76	*	40.90	*	37.2407
Mountain View	32	*	40.74	*	41.73	*	39.88	*	44.02	*	40.3607
Newport	15	*	33.98	*	34.97	*	33.12	*	37.26	*	33.6007
Pt Arguello	19	*	29.51	*	30.50	*	28.65	*	32.79	*	29.1307
Rosecrans	34	*	41.73	*	42.72	*	40.87	*	45.01	*	41.3507
Santa Maria Area	15	*	34.08	*	35.07	*	33.22	*	37.36	*	33.7007
Torrance	20	*	36.48	*	37.47	*	35.62	*	39.76	*	36.1007
Ventura	28	*	41.13	*	42.12	*	40.27	*	44.41	*	40.7507
Wilmington	17	*	34.88	*	35.87	*	34.02	*	38.16	*	34.5007
Yowlumne	31	*	43.13	*	44.12	*	42.27	*	46.41	*	42.7507

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	0.000	0.000	0.000
34.0 to 40.0 degrees	0.010	0.010	0.010	0.010	0.010
20.0 to 34.0 degrees	0.0400	0.0400	0.0400	0.0400	0.0400
Below 20.0 degrees	0.0400	0.0400	0.0400	0.0400	0.0400