



PLAINS MARKETING, L.P.
333 CLAY, SUITE 1600
P.O. BOX 4648
HOUSTON, TEXAS 77002

CRUDE OIL PRICE BULLETIN - RECAP
NOVEMBER
2017

Effective 7:00 AM on the effective date(s) shown, subject to change without notice and subject to its division orders and other contracts Plains Marketing LP will pay the following prices adjusted for American Petroleum Institute (API) gravity per barrel.

BULLETIN No:	2017-179	2017-180	2017-181	2017-182	2017-183	2017-184
EFFECTIVE DATE:	11/01/17	11/02/17	11/03/17	11/06/17	11/07/17	11/08/17
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS						
West Texas Intermediate - Area #1.....	50.25 *	50.50 *	51.75 *	53.00 *	53.25 *	52.75 *
West Texas Intermediate - All Other Areas.....	50.75 *	51.00 *	52.25 *	53.50 *	53.75 *	53.25 *
West Texas Sour.....	47.40 *	47.65 *	48.90 *	50.15 *	50.40 *	49.90 *
West Central Texas.....	50.75 *	51.00 *	52.25 *	53.50 *	53.75 *	53.25 *
North Texas Sweet.....	50.75 *	51.00 *	52.25 *	53.50 *	53.75 *	53.25 *
North Texas (Cooke & Grayson) Sour.....	48.25 *	48.50 *	49.75 *	51.00 *	51.25 *	50.75 *
East Texas Field.....	48.00 *	48.25 *	49.50 *	50.75 *	51.00 *	50.50 *
East Texas (Other than E. TX. Field).....	48.00 *	48.25 *	49.50 *	50.75 *	51.00 *	50.50 *
East Texas Sour.....	47.00 *	47.25 *	48.50 *	49.75 *	50.00 *	49.50 *
East Texas Light Sour.....	48.00 *	48.25 *	49.50 *	50.75 *	51.00 *	50.50 *
East Texas Condensate.....	46.00 *	46.25 *	47.50 *	48.75 *	49.00 *	48.50 *
Texas Upper Gulf Coast.....	44.50 *	44.75 *	46.00 *	47.25 *	47.50 *	47.00 *
Texas Central Gulf Coast (Giddings).....	44.50 *	44.75 *	46.00 *	47.25 *	47.50 *	47.00 *
South Texas Light (Sweet).....	44.50 *	44.75 *	46.00 *	47.25 *	47.50 *	47.00 *
South Texas Heavy.....	44.25 *	44.50 *	45.75 *	47.00 *	47.25 *	46.75 *
South Texas Sour.....	38.00 *	38.25 *	39.50 *	40.75 *	41.00 *	40.50 *
Texas Panhandle.....	50.25 *	50.50 *	51.75 *	53.00 *	53.25 *	52.75 *
South Texas Sweet.....	50.75 *	51.00 *	52.25 *	53.50 *	53.75 *	53.25 *
Eagle Ford Light.....	50.75 *	51.00 *	52.25 *	53.50 *	53.75 *	53.25 *
NEW MEXICO						
New Mexico Intermediate.....	50.75 *	51.00 *	52.25 *	53.50 *	53.75 *	53.25 *
New Mexico Sour.....	47.40 *	47.65 *	48.90 *	50.15 *	50.40 *	49.90 *
LOUISIANA						
North Louisiana.....	47.75 *	48.00 *	49.25 *	50.50 *	50.75 *	50.25 *
Central Louisiana Sweet.....	50.25 *	50.50 *	51.75 *	53.00 *	53.25 *	52.75 *
North Louisiana Nacatoch.....	51.25 *	51.50 *	52.75 *	54.00 *	54.25 *	53.75 *
Central Louisiana LCT.....	50.50 *	50.75 *	52.00 *	53.25 *	53.50 *	53.00 *
North Louisiana Condensate.....	47.75 *	48.00 *	49.25 *	50.50 *	50.75 *	50.25 *
South Louisiana Light Sweet (Onshore).....	49.25 *	49.50 *	50.75 *	52.00 *	52.25 *	51.75 *
South Louisiana Eugene Island (Onshore).....	46.25 *	46.50 *	47.75 *	49.00 *	49.25 *	48.75 *
South Arkansas and North Louisiana Sour.....	46.75 *	47.00 *	48.25 *	49.50 *	49.75 *	49.25 *
MISSISSIPPI						
Mississippi Light Sweet.....	49.25 *	49.50 *	50.75 *	52.00 *	52.25 *	51.75 *
Mississippi Light Sour.....	44.25 *	44.50 *	45.75 *	47.00 *	47.25 *	46.75 *
COLORADO						
Colorado Southeastern.....	41.25 *	41.50 *	42.75 *	44.00 *	44.25 *	43.75 *
ILLINOIS						
Illinois Sweet.....	47.25 *	47.50 *	48.75 *	50.00 *	50.25 *	49.75 *
INDIANA						
Indiana Sweet.....	47.25 *	47.50 *	48.75 *	50.00 *	50.25 *	49.75 *
KANSAS						
Kansas Common.....	41.10 *	41.35 *	42.60 *	43.85 *	44.10 *	43.60 *
Eastern Kansas Common.....	41.00 *	41.25 *	42.50 *	43.75 *	44.00 *	43.50 *
Eastern Kansas Common Special.....	36.95 *	37.20 *	38.45 *	39.70 *	39.95 *	39.45 *
Northwestern Kansas Sweet.....	42.25 *	42.50 *	43.75 *	45.00 *	45.25 *	44.75 *
Southwestern Kansas Sweet.....	42.75 *	43.00 *	44.25 *	45.50 *	45.75 *	45.25 *
Central Kansas Sweet.....	44.35 *	44.60 *	45.85 *	47.10 *	47.35 *	46.85 *
NEBRASKA						
Nebraska Western.....	42.05 *	42.30 *	43.55 *	44.80 *	45.05 *	44.55 *
Nebraska Intermediate.....	40.75 *	41.00 *	42.25 *	43.50 *	43.75 *	43.25 *
OKLAHOMA						
Domestic Sweet (Cushing).....	50.75 *	51.00 *	52.25 *	53.50 *	53.75 *	53.25 *
Oklahoma Sweet.....	50.75 *	51.00 *	52.25 *	53.50 *	53.75 *	53.25 *
Oklahoma Sweet Special.....	46.75 *	47.00 *	48.25 *	49.50 *	49.75 *	49.25 *
Oklahoma Sweet-Central.....	50.75 *	51.00 *	52.25 *	53.50 *	53.75 *	53.25 *
Western Oklahoma.....	46.25 *	46.50 *	47.75 *	49.00 *	49.25 *	48.75 *
Oklahoma Panhandle.....	45.75 *	46.00 *	47.25 *	48.50 *	48.75 *	48.25 *
Oklahoma Sour.....	38.25 *	38.50 *	39.75 *	41.00 *	41.25 *	40.75 *
Oklahoma Condensate.....	48.72 *	48.96 *	50.16 *	51.36 *	51.60 *	51.12 *
Oklahoma Condensate Light.....	47.71 *	47.94 *	49.12 *	50.29 *	50.53 *	50.06 *
WYOMING						
Wyoming Southwestern Area.....	47.33 *	47.58 *	48.83 *	50.08 *	50.33 *	49.83 *
Wyoming Sweet other Areas.....	47.85 *	48.10 *	49.35 *	50.60 *	50.85 *	50.35 *

(1) The gravity adjustment scale and other terms are set forth on Page 5.

www.plainsallamerican.com or www.paalp.com for price bulletin information.



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BULLETIN No:	2017-185	2017-186	2017-187	2017-188	2017-189	2017-190	2017-191
EFFECTIVE DATE:	11/09/17	11/10/17	11/14/17	11/15/17	11/16/17	11/17/17	11/20/17
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS							
West Texas Intermediate - Area #1.....	53.00 *	52.75 *	51.75 *	51.25 *	51.00 *	52.50 *	52.25 *
West Texas Intermediate - All Other Areas.....	53.50 *	53.25 *	52.25 *	51.75 *	51.50 *	53.00 *	52.75 *
West Texas Sour.....	50.15 *	49.90 *	48.90 *	48.40 *	48.15 *	49.65 *	49.40 *
West Central Texas.....	53.50 *	53.25 *	52.25 *	51.75 *	51.50 *	53.00 *	52.75 *
North Texas Sweet.....	53.50 *	53.25 *	52.25 *	51.75 *	51.50 *	53.00 *	52.75 *
North Texas (Cooke & Grayson) Sour.....	51.00 *	50.75 *	49.75 *	49.25 *	49.00 *	50.50 *	50.25 *
East Texas Field.....	50.75 *	50.50 *	49.50 *	49.00 *	48.75 *	50.25 *	50.00 *
East Texas (Other than E. TX. Field).....	50.75 *	50.50 *	49.50 *	49.00 *	48.75 *	50.25 *	50.00 *
East Texas Sour.....	49.75 *	49.50 *	48.50 *	48.00 *	47.75 *	49.25 *	49.00 *
East Texas Light Sour.....	50.75 *	50.50 *	49.50 *	49.00 *	48.75 *	50.25 *	50.00 *
East Texas Condensate.....	48.75 *	48.50 *	47.50 *	47.00 *	46.75 *	48.25 *	48.00 *
Texas Upper Gulf Coast.....	47.25 *	47.00 *	46.00 *	45.50 *	45.25 *	46.75 *	46.50 *
Texas Central Gulf Coast (Giddings).....	47.25 *	47.00 *	46.00 *	45.50 *	45.25 *	46.75 *	46.50 *
South Texas Light (Sweet).....	47.25 *	47.00 *	46.00 *	45.50 *	45.25 *	46.75 *	46.50 *
South Texas Heavy.....	47.00 *	46.75 *	45.75 *	45.25 *	45.00 *	46.50 *	46.25 *
South Texas Sour.....	40.75 *	40.50 *	39.50 *	39.00 *	38.75 *	40.25 *	40.00 *
Texas Panhandle.....	53.00 *	52.75 *	51.75 *	51.25 *	51.00 *	52.50 *	52.25 *
South Texas Sweet.....	53.50 *	53.25 *	52.25 *	51.75 *	51.50 *	53.00 *	52.75 *
Eagle Ford Light.....	53.50 *	53.25 *	52.25 *	51.75 *	51.50 *	53.00 *	52.75 *
NEW MEXICO							
New Mexico Intermediate.....	53.50 *	53.25 *	52.25 *	51.75 *	51.50 *	53.00 *	52.75 *
New Mexico Sour.....	50.15 *	49.90 *	48.90 *	48.40 *	48.15 *	49.65 *	49.40 *
LOUISIANA							
North Louisiana.....	50.50 *	50.25 *	49.25 *	48.75 *	48.50 *	50.00 *	49.75 *
Central Louisiana Sweet.....	53.00 *	52.75 *	51.75 *	51.25 *	51.00 *	52.50 *	52.25 *
North Louisiana Nacatoch.....	54.00 *	53.75 *	52.75 *	52.25 *	52.00 *	53.50 *	53.25 *
Central Louisiana LCT.....	53.25 *	53.00 *	52.00 *	51.50 *	51.25 *	52.75 *	52.50 *
North Louisiana Condensate.....	50.50 *	50.25 *	49.25 *	48.75 *	48.50 *	50.00 *	49.75 *
South Louisiana Light Sweet (Onshore).....	52.00 *	51.75 *	50.75 *	50.25 *	50.00 *	51.50 *	51.25 *
South Louisiana Eugene Island (Onshore).....	49.00 *	48.75 *	47.75 *	47.25 *	47.00 *	48.50 *	48.25 *
South Arkansas and North Louisiana Sour.....	49.50 *	49.25 *	48.25 *	47.75 *	47.50 *	49.00 *	48.75 *
MISSISSIPPI							
Mississippi Light Sweet.....	52.00 *	51.75 *	50.75 *	50.25 *	50.00 *	51.50 *	51.25 *
Mississippi Light Sour.....	47.00 *	46.75 *	45.75 *	45.25 *	45.00 *	46.50 *	46.25 *
COLORADO							
Colorado Southeastern.....	44.00 *	43.75 *	42.75 *	42.25 *	42.00 *	43.50 *	43.25 *
ILLINOIS							
Illinois Sweet.....	50.00 *	49.75 *	48.75 *	48.25 *	48.00 *	49.50 *	49.25 *
INDIANA							
Indiana Sweet.....	50.00 *	49.75 *	48.75 *	48.25 *	48.00 *	49.50 *	49.25 *
KANSAS							
Kansas Common.....	43.85 *	43.60 *	42.60 *	42.10 *	41.85 *	43.35 *	43.10 *
Eastern Kansas Common.....	43.75 *	43.50 *	42.50 *	42.00 *	41.75 *	43.25 *	43.00 *
Eastern Kansas Common Special.....	39.70 *	39.45 *	38.45 *	37.95 *	37.70 *	39.20 *	38.95 *
Northwestern Kansas Sweet.....	45.00 *	44.75 *	43.75 *	43.25 *	43.00 *	44.50 *	44.25 *
Southwestern Kansas Sweet.....	45.50 *	45.25 *	44.25 *	43.75 *	43.50 *	45.00 *	44.75 *
Central Kansas Sweet.....	47.10 *	46.85 *	45.85 *	45.35 *	45.10 *	46.60 *	46.35 *
NEBRASKA							
Nebraska Western.....	44.80 *	44.55 *	43.55 *	43.05 *	42.80 *	44.30 *	44.05 *
Nebraska Intermediate.....	43.50 *	43.25 *	42.25 *	41.75 *	41.50 *	43.00 *	42.75 *
OKLAHOMA							
Domestic Sweet (Cushing).....	53.50 *	53.25 *	52.25 *	51.75 *	51.50 *	53.00 *	52.75 *
Oklahoma Sweet.....	53.50 *	53.25 *	52.25 *	51.75 *	51.50 *	53.00 *	52.75 *
Oklahoma Sweet Special.....	49.50 *	49.25 *	48.25 *	47.75 *	47.50 *	49.00 *	48.75 *
Oklahoma Sweet-Central.....	53.50 *	53.25 *	52.25 *	51.75 *	51.50 *	53.00 *	52.75 *
Western Oklahoma.....	49.00 *	48.75 *	47.75 *	47.25 *	47.00 *	48.50 *	48.25 *
Oklahoma Panhandle.....	48.50 *	48.25 *	47.25 *	46.75 *	46.50 *	48.00 *	47.75 *
Oklahoma Sour.....	41.00 *	40.75 *	39.75 *	39.25 *	39.00 *	40.50 *	40.25 *
Oklahoma Condensate.....	51.36 *	51.12 *	50.16 *	49.68 *	49.44 *	50.88 *	50.64 *
Oklahoma Condensate Light.....	50.29 *	50.06 *	49.12 *	48.65 *	48.41 *	49.82 *	49.59 *
WYOMING							
Wyoming Southwestern Area.....	50.08 *	49.83 *	48.83 *	48.33 *	48.08 *	49.58 *	49.33 *
Wyoming Sweet other Areas.....	50.60 *	50.35 *	49.35 *	48.85 *	48.60 *	50.10 *	49.85 *

(1) The gravity adjustment scale and other terms are set forth on Page 5.



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BULLETIN No:	2017-192	2017-193	2017-194	2017-195	2017-196
EFFECTIVE DATE:	11/21/17	11/22/17	11/24/17	11/27/17	11/29/17
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS					
West Texas Intermediate - Area #1.....	52.75 *	54.00 *	55.00 *	54.00 *	53.25 *
West Texas Intermediate - All Other Areas.....	53.25 *	54.50 *	55.50 *	54.50 *	53.75 *
West Texas Sour.....	49.90 *	51.15 *	52.15 *	51.15 *	50.40 *
West Central Texas.....	53.25 *	54.50 *	55.50 *	54.50 *	53.75 *
North Texas Sweet.....	53.25 *	54.50 *	55.50 *	54.50 *	53.75 *
North Texas (Cooke & Grayson) Sour.....	50.75 *	52.00 *	53.00 *	52.00 *	51.25 *
East Texas Field.....	50.50 *	51.75 *	52.75 *	51.75 *	51.00 *
East Texas (Other than E. TX. Field).....	50.50 *	51.75 *	52.75 *	51.75 *	51.00 *
East Texas Sour.....	49.50 *	50.75 *	51.75 *	50.75 *	50.00 *
East Texas Light Sour.....	50.50 *	51.75 *	52.75 *	51.75 *	51.00 *
East Texas Condensate.....	48.50 *	49.75 *	50.75 *	49.75 *	49.00 *
Texas Upper Gulf Coast.....	47.00 *	48.25 *	49.25 *	48.25 *	47.50 *
Texas Central Gulf Coast (Giddings).....	47.00 *	48.25 *	49.25 *	48.25 *	47.50 *
South Texas Light (Sweet).....	47.00 *	48.25 *	49.25 *	48.25 *	47.50 *
South Texas Heavy.....	46.75 *	48.00 *	49.00 *	48.00 *	47.25 *
South Texas Sour.....	40.50 *	41.75 *	42.75 *	41.75 *	41.00 *
Texas Panhandle.....	52.75 *	54.00 *	55.00 *	54.00 *	53.25 *
South Texas Sweet.....	53.25 *	54.50 *	55.50 *	54.50 *	53.75 *
Eagle Ford Light.....	53.25 *	54.50 *	55.50 *	54.50 *	53.75 *
NEW MEXICO					
New Mexico Intermediate.....	53.25 *	54.50 *	55.50 *	54.50 *	53.75 *
New Mexico Sour.....	49.90 *	51.15 *	52.15 *	51.15 *	50.40 *
LOUISIANA					
North Louisiana.....	50.25 *	51.50 *	52.50 *	51.50 *	50.75 *
Central Louisiana Sweet.....	52.75 *	54.00 *	55.00 *	54.00 *	53.25 *
North Louisiana Nacatoch.....	53.75 *	55.00 *	56.00 *	55.00 *	54.25 *
Central Louisiana LCT.....	53.00 *	54.25 *	55.25 *	54.25 *	53.50 *
North Louisiana Condensate.....	50.25 *	51.50 *	52.50 *	51.50 *	50.75 *
South Louisiana Light Sweet (Onshore).....	51.75 *	53.00 *	54.00 *	53.00 *	52.25 *
South Louisiana Eugene Island (Onshore).....	48.75 *	50.00 *	51.00 *	50.00 *	49.25 *
South Arkansas and North Louisiana Sour.....	49.25 *	50.50 *	51.50 *	50.50 *	49.75 *
MISSISSIPPI					
Mississippi Light Sweet.....	51.75 *	53.00 *	54.00 *	53.00 *	52.25 *
Mississippi Light Sour.....	46.75 *	48.00 *	49.00 *	48.00 *	47.25 *
COLORADO					
Colorado Southeastern.....	43.75 *	45.00 *	46.00 *	45.00 *	44.25 *
ILLINOIS					
Illinois Sweet.....	49.75 *	51.00 *	52.00 *	51.00 *	50.25 *
INDIANA					
Indiana Sweet.....	49.75 *	51.00 *	52.00 *	51.00 *	50.25 *
KANSAS					
Kansas Common.....	43.60 *	44.85 *	45.85 *	44.85 *	44.10 *
Eastern Kansas Common.....	43.50 *	44.75 *	45.75 *	44.75 *	44.00 *
Eastern Kansas Common Special.....	39.45 *	40.70 *	41.70 *	40.70 *	39.95 *
Northwestern Kansas Sweet.....	44.75 *	46.00 *	47.00 *	46.00 *	45.25 *
Southwestern Kansas Sweet.....	45.25 *	46.50 *	47.50 *	46.50 *	45.75 *
Central Kansas Sweet.....	46.85 *	48.10 *	49.10 *	48.10 *	47.35 *
NEBRASKA					
Nebraska Western.....	44.55 *	45.80 *	46.80 *	45.80 *	45.05 *
Nebraska Intermediate.....	43.25 *	44.50 *	45.50 *	44.50 *	43.75 *
OKLAHOMA					
Domestic Sweet (Cushing).....	53.25 *	54.50 *	55.50 *	54.50 *	53.75 *
Oklahoma Sweet.....	53.25 *	54.50 *	55.50 *	54.50 *	53.75 *
Oklahoma Sweet Special.....	49.25 *	50.50 *	51.50 *	50.50 *	49.75 *
Oklahoma Sweet-Central.....	53.25 *	54.50 *	55.50 *	54.50 *	53.75 *
Western Oklahoma.....	48.75 *	50.00 *	51.00 *	50.00 *	49.25 *
Oklahoma Panhandle.....	48.25 *	49.50 *	50.50 *	49.50 *	48.75 *
Oklahoma Sour.....	40.75 *	42.00 *	43.00 *	42.00 *	41.25 *
Oklahoma Condensate.....	51.12 *	52.32 *	53.28 *	52.32 *	51.60 *
Oklahoma Condensate Light.....	50.06 *	51.23 *	52.17 *	51.23 *	50.53 *
WYOMING					
Wyoming Southwestern Area.....	49.83 *	51.08 *	52.08 *	51.08 *	50.33 *
Wyoming Sweet other Areas.....	50.35 *	51.60 *	52.60 *	51.60 *	50.85 *

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BULLETIN No:
EFFECTIVE DATE:

	Nov 2017 MONTHLY AVERAGE:	Price Code S	Crude Grade	POSTED GRAVITY	ADJ. SCALE
TEXAS					
West Texas Intermediate - Area #1.....	52.7667	2099	WTI	40.0-44.9	1
West Texas Intermediate - All Other Areas.....	53.2667	2045	WTI	40.0-44.9	1
West Texas Sour.....	49.9167	2044	WTS	34.0-44.9	4
West Central Texas.....	53.2667	2090	WTI	40.0-44.9	1
North Texas Sweet.....	53.2667	2048	NTR	40.0-44.9	1
North Texas (Cooke & Grayson) Sour.....	50.7667	2072	WTS	40.0-44.9	3
East Texas Field.....	50.5167	2003	ETS	Flat	Flat
East Texas (Other than E. TX. Field).....	50.5167	2001	ETS	40.0-44.9	1
East Texas Sour.....	49.5167	2067	ETR	34.0-44.9	4
East Texas Light Sour.....	50.5167	2111	ETR	34.0-44.9	4
East Texas Condensate.....	48.5167	2127	ETS	40.0-44.9	1
Texas Upper Gulf Coast.....	47.0167	2021	TIC	40.0-44.9	1
Texas Central Gulf Coast (Giddings).....	47.0167	2065	GID	40.0-44.9	1
South Texas Light (Sweet).....	47.0167	2026	STL	40.0-44.9	1
South Texas Heavy.....	46.7667	2054	STH	29.0-44.9	5
South Texas Sour.....	40.5167	2050	STS	34.0-44.9	4
Texas Panhandle.....	52.7667	2120	TXP	40.0+	15
South Texas Sweet.....	53.2667	2150	STS	40.0-44.9	16
Eagle Ford Light.....	53.2667	2152	EGF	40.0-44.9	16
NEW MEXICO					
New Mexico Intermediate.....	53.2667	2100	WTI	40.0-44.9	1
New Mexico Sour.....	49.9167	2101	WTS	34.0-44.9	4
LOUISIANA					
North Louisiana.....	50.2667	2037	NLS	40.0-44.9	1
Central Louisiana Sweet.....	52.7667	2114	NLS	40.0-44.9	1
North Louisiana Nacatoch.....	53.7667	2118	NLN	Flat	Flat
Central Louisiana LCT.....	53.0167	2119	LCT	Flat	Flat
North Louisiana Condensate.....	50.2667	2128	LCN	40.0-44.9	1
South Louisiana Light Sweet (Onshore).....	51.7667	2036	LLS	40.0-44.9	2
South Louisiana Eugene Island (Onshore).....	48.7667	2066	EIC	40.0-44.9	2
South Arkansas and North Louisiana Sour.....	49.2667	2002	ETR	34.0-44.9	4
MISSISSIPPI					
Mississippi Light Sweet.....	51.7667	2121	LMS	40.0-50.0	7
Mississippi Light Sour.....	46.7667	2122	MLS	34.0-44.9	4
COLORADO					
Colorado Southeastern.....	43.7667	2078	RMS	40.0-44.9	12
ILLINOIS					
Illinois Sweet.....	49.7667	2104	ILB	30.0-44.9	11
INDIANA					
Indiana Sweet.....	49.7667	2105	ILB	30.0-44.9	11
KANSAS					
Kansas Common.....	43.6167	2089	KSW	40.0-44.9	2
Eastern Kansas Common.....	43.5167	2109	KSW	40.0-44.9	2
Eastern Kansas Common Special.....	39.4667	2117	KSW	40.0-44.9	2
Northwestern Kansas Sweet.....	44.7667	2091	KSW	40.0-44.9	2
Southwestern Kansas Sweet.....	45.2667	2092	KSW	40.0-44.9	2
Central Kansas Sweet.....	46.8667	2124	KSW	40.0-44.9	2
NEBRASKA					
Nebraska Western.....	44.5667	2079	RMS	40.0-44.9	1
Nebraska Intermediate.....	43.2667	2125	NBS	40.0+	14
OKLAHOMA					
Domestic Sweet (Cushing).....	53.2667	2110	OKA	40.0-44.9	2
Oklahoma Sweet.....	53.2667	2074	OKA	40.0-44.9	2
Oklahoma Sweet Special.....	49.2667	2115	OKA	40.0-44.9	2
Oklahoma Sweet-Central.....	53.2667	2051	OKA	40.0-44.9	2
Western Oklahoma.....	48.7667	2112	OKA	40.0-44.9	2
Oklahoma Panhandle.....	48.2667	2113	OKA	40.0-44.9	2
Oklahoma Sour.....	40.7667	2126	OKA	40.0-44.9	3
Oklahoma Condensate.....	51.1360	2140	OKA	Flat	Flat
Oklahoma Condensate Light.....	50.0733	2141	OKA	Flat	Flat
WYOMING					
Wyoming Southwestern Area.....	49.8467	2082	WYS	40.0-44.9	3
Wyoming Sweet other Areas.....	50.3667	2083	WYS	40.0-44.9	1

(1) The gravity adjustment scale and other terms are set forth on Page 5.

GRAVITY ADJUSTMENT SCALE

1. Less \$0.02 per barrel for each full degree API below 40.9°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
2. Less \$0.02 per barrel for each full degree API below 40.9° to 35.0°, then less \$0.015 per barrel for each 0.1 degree API below 35.0°; less \$0.015 per barrel, for each 0.1 degree API above 44.9°.
3. Less \$0.015 per barrel for each 0.1 degree API below 40.0°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
4. Less \$0.015 per barrel for each 0.1 degree API below 34.0°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
5. Less \$0.02 per barrel for each full degree API below 29.9° to 19.9°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
6. Less \$0.10 per barrel for each full degree API below 40.9°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
7. Less \$0.02 per barrel for each full degree API below 40.9°; less \$0.015 per barrel for each 0.1 degree API above 50.0°.
8. Less \$0.02 per barrel for each full degree API below 40.9° to 36.9°, then less \$0.04 per barrel for each full degree API from 36.9° to 34.0°, then less \$0.02 per barrel for each 0.1 degree API below 34.0°, and less \$0.015 per barrel for each 0.1 degree API above 44.9°.
9. Less \$0.015 per barrel for each 0.1 degree API below 27°.
10. Less \$0.02 per barrel for each full degree API below 40.9° to 35.0°, then less \$0.015 per barrel for each 0.1 degree API below 35.0°; less \$0.015 per barrel for each 0.1 degree API above 60.0°.
11. Less \$0.015 per barrel for each 0.1 degree API below 30.0°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
12. Less \$0.02 per barrel for each full degree API below 40.9° to 19.0°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
13. Less \$0.015 per 0.1 degree API below 40.0° to 35.0°; less \$0.015 per barrel for each 0.1 degree API above 44.9°.
14. Less \$0.015 per barrel for each 0.1 degree API below 40.0°.
15. Less \$0.02 per barrel for each full degree API below 40.9°.
16. Less \$0.03 per barrel for each 0.1 API above 45.0°.
17. Less \$0.03 per barrel for each 0.1 API above 50.0°.
18. Less \$0.015 per barrel for each 0.1 degree API above 45.0°; then less \$0.10 per barrel for each 0.1 degree API above 48.0°; then less \$0.20 per barrel for each 0.1 degree API above 50.0°.

SELLER WARRANTS THAT THE CRUDE OIL AND CONDENSATE DELIVERED TO PLAINS MARKETING, L.P. SHALL BE OF MERCHANTABLE QUALITY AND FIT FOR NORMAL REFINERY PROCESSING. MERCHANTABLE CRUDE OIL AND CONDENSATE IS DEFINED AS VIRGIN CRUDE OIL AND/OR CONDENSATE PRODUCED FROM WELLS WHICH ARE FREE OF FOREIGN CONTAMINATION, WHETHER INJECTED OR OUTSIDE, AND FREE OF ADDED CHEMICALS CONTAINING, BY WAY OF ILLUSTRATION AND NOT OF LIMITATION, HALOGENATED ORGANIC COMPOUNDS AND/OR OXYGENATED COMPOUNDS. PLAINS MARKETING, L.P. MAY RETURN ANY CRUDE OIL OR CONDENSATE CONTAINING CONTAMINANTS IN WHICH EVENT SELLER AGREES TO ACCEPT RETURNED CRUDE OIL OR CONDENSATE, REIMBURSE PLAINS MARKETING, L.P. FOR ANY COSTS INCURRED, AND BE LIABLE FOR ALL DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES AND LOSS OF PROFITS SUFFERED BY PLAINS MARKETING, L.P. AND/OR ITS CUSTOMERS. PLAINS MARKETING, L.P. RESERVES THE RIGHT TO REFUSE CRUDE OIL OR CONDENSATE HAVING A REID VAPOR PRESSURE OF 9 PSI OR ABOVE.

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Individual transaction prices vary due to competitive conditions, distance and other differentials, and appropriate charges where applicable, such as, by way of illustration and not of limitation, adjustments to price where special protective equipment and/or a second driver/operator shall be necessary. Administrative costs associated with disbursements to multiple ownership interests may affect transactions.

NOTES:

West Texas Intermediate - Area #1 includes the following counties: Irion, Tom Green, Concho, McCulloch, Jeff Davis, Pecos, Crockett, Schleicher, Menard, Sutton, Kimble, Terrell, Brewster and Presidio.

Oklahoma Sweet - Except Western and Panhandle.

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