



CRUDE OIL PRICE BULLETIN - RECAP

DECEMBER

2016

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

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:	2016-214	2016-215	2016-216	2016-217	2016-218	2016-219	2016-220
EFFECTIVE DATE:	11/30/16	12/01/16	12/02/16	12/05/16	12/06/16	12/07/16	12/08/16
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS							
West Texas Intermediate - Area #1.....	45.25 *	47.00 *	47.75 *	47.50 *	47.00 *	45.75 *	46.75 *
West Texas Intermediate - All Other Areas.....	45.75 *	47.50 *	48.25 *	48.00 *	47.50 *	46.25 *	47.25 *
West Texas Sour.....	42.05 *	43.60 *	44.35 *	44.10 *	43.60 *	42.35 *	43.35 *
West Central Texas.....	45.75 *	47.50 *	48.25 *	48.00 *	47.50 *	46.25 *	47.25 *
North Texas Sweet.....	45.75 *	47.50 *	48.25 *	48.00 *	47.50 *	46.25 *	47.25 *
North Texas (Cooke & Grayson) Sour.....	43.25 *	45.00 *	45.75 *	45.50 *	45.00 *	43.75 *	44.75 *
East Texas Field.....	43.25 *	45.00 *	45.75 *	45.50 *	45.00 *	43.75 *	44.75 *
East Texas (Other than E. TX. Field).....	43.25 *	45.00 *	45.75 *	45.50 *	45.00 *	43.75 *	44.75 *
East Texas Sour.....	42.25 *	44.00 *	44.75 *	44.50 *	44.00 *	42.75 *	43.75 *
East Texas Light Sour.....	44.75 *	46.50 *	47.25 *	47.00 *	46.50 *	45.25 *	46.25 *
East Texas Condensate.....	41.25 *	43.00 *	43.75 *	43.50 *	43.00 *	41.75 *	42.75 *
Texas Upper Gulf Coast.....	39.50 *	41.25 *	42.00 *	41.75 *	41.25 *	40.00 *	41.00 *
Texas Central Gulf Coast (Giddings).....	39.50 *	41.25 *	42.00 *	41.75 *	41.25 *	40.00 *	41.00 *
South Texas Light (Sweet).....	39.50 *	41.25 *	42.00 *	41.75 *	41.25 *	40.00 *	41.00 *
South Texas Heavy.....	39.25 *	41.00 *	41.75 *	41.50 *	41.00 *	39.75 *	40.75 *
South Texas Sour.....	33.00 *	34.75 *	35.50 *	35.25 *	34.75 *	33.50 *	34.50 *
Texas Panhandle.....	45.25 *	47.00 *	47.75 *	47.50 *	47.00 *	45.75 *	46.75 *
South Texas Sweet.....	45.75 *	47.50 *	48.25 *	48.00 *	47.50 *	46.25 *	47.25 *
Eagle Ford Light.....	45.75 *	47.50 *	48.25 *	48.00 *	47.50 *	46.25 *	47.25 *
NEW MEXICO							
New Mexico Intermediate.....	45.75 *	47.50 *	48.25 *	48.00 *	47.50 *	46.25 *	47.25 *
New Mexico Sour.....	42.05 *	43.60 *	44.35 *	44.10 *	43.60 *	42.35 *	43.35 *
LOUISIANA							
North Louisiana.....	42.75 *	44.50 *	45.25 *	45.00 *	44.50 *	43.25 *	44.25 *
Central Louisiana Sweet.....	45.25 *	47.00 *	47.75 *	47.50 *	47.00 *	45.75 *	46.75 *
North Louisiana Nacatoch.....	46.25 *	48.00 *	48.75 *	48.50 *	48.00 *	46.75 *	47.75 *
Central Louisiana LCT.....	45.50 *	47.25 *	48.00 *	47.75 *	47.25 *	46.00 *	47.00 *
North Louisiana Condensate.....	42.75 *	44.50 *	45.25 *	45.00 *	44.50 *	43.25 *	44.25 *
South Louisiana Light Sweet (Onshore).....	44.25 *	46.00 *	46.75 *	46.50 *	46.00 *	44.75 *	45.75 *
South Louisiana Eugene Island (Onshore).....	41.25 *	43.00 *	43.75 *	43.50 *	43.00 *	41.75 *	42.75 *
South Arkansas and North Louisiana Sour.....	41.75 *	43.50 *	44.25 *	44.00 *	43.50 *	42.25 *	43.25 *
MISSISSIPPI							
Mississippi Light Sweet.....	44.25 *	46.00 *	46.75 *	46.50 *	46.00 *	44.75 *	45.75 *
Mississippi Light Sour.....	39.25 *	41.00 *	41.75 *	41.50 *	41.00 *	39.75 *	40.75 *
COLORADO							
Colorado Southeastern.....	36.25 *	38.00 *	38.75 *	38.50 *	38.00 *	36.75 *	37.75 *
ILLINOIS							
Illinois Sweet.....	42.25 *	44.00 *	44.75 *	44.50 *	44.00 *	42.75 *	43.75 *
INDIANA							
Indiana Sweet.....	42.25 *	44.00 *	44.75 *	44.50 *	44.00 *	42.75 *	43.75 *
KANSAS							
Kansas Common.....	36.10 *	37.85 *	38.60 *	38.35 *	37.85 *	36.60 *	37.60 *
Eastern Kansas Common.....	36.00 *	37.75 *	38.50 *	38.25 *	37.75 *	36.50 *	37.50 *
Eastern Kansas Common Special.....	31.95 *	33.70 *	34.45 *	34.20 *	33.70 *	32.45 *	33.45 *
Northwestern Kansas Sweet.....	37.25 *	39.00 *	39.75 *	39.50 *	39.00 *	37.75 *	38.75 *
Southwestern Kansas Sweet.....	37.75 *	39.50 *	40.25 *	40.00 *	39.50 *	38.25 *	39.25 *
Central Kansas Sweet.....	39.35 *	41.10 *	41.85 *	41.60 *	41.10 *	39.85 *	40.85 *
NEBRASKA							
Nebraska Western.....	37.05 *	38.80 *	39.55 *	39.30 *	38.80 *	37.55 *	38.55 *
Nebraska Intermediate.....	35.75 *	37.50 *	38.25 *	38.00 *	37.50 *	36.25 *	37.25 *
OKLAHOMA							
Domestic Sweet (Cushing).....	45.75 *	47.50 *	48.25 *	48.00 *	47.50 *	46.25 *	47.25 *
Oklahoma Sweet.....	45.75 *	47.50 *	48.25 *	48.00 *	47.50 *	46.25 *	47.25 *
Oklahoma Sweet Special.....	41.75 *	43.50 *	44.25 *	44.00 *	43.50 *	42.25 *	43.25 *
Oklahoma Sweet-Central.....	45.75 *	47.50 *	48.25 *	48.00 *	47.50 *	46.25 *	47.25 *
Western Oklahoma.....	41.25 *	43.00 *	43.75 *	43.50 *	43.00 *	41.75 *	42.75 *
Oklahoma Panhandle.....	40.75 *	42.50 *	43.25 *	43.00 *	42.50 *	41.25 *	42.25 *
Oklahoma Sour.....	33.25 *	35.00 *	35.75 *	35.50 *	35.00 *	33.75 *	34.75 *
Oklahoma Condensate.....	43.92 *	45.60 *	46.32 *	46.08 *	45.60 *	44.40 *	45.36 *
Oklahoma Condensate Light.....	43.01 *	44.65 *	45.36 *	45.12 *	44.65 *	43.48 *	44.42 *
WYOMING							
Wyoming Southwestern Area.....	42.33 *	44.08 *	44.83 *	44.58 *	44.08 *	42.83 *	43.83 *
Wyoming Sweet other Areas.....	42.85 *	44.60 *	45.35 *	45.10 *	44.60 *	43.35 *	44.35 *

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

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BULLETIN No:	2016-221	2016-222	2016-223	2016-224	2016-225	2016-226	2016-227
EFFECTIVE DATE:	12/09/16	12/12/16	12/13/16	12/14/16	12/16/16	12/19/16	12/21/16
	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS							
West Texas Intermediate - Area #1.....	47.50 *	48.75 *	49.00 *	47.00 *	47.75 *	48.25 *	48.50 *
West Texas Intermediate - All Other Areas.....	48.00 *	49.25 *	49.50 *	47.50 *	48.25 *	48.75 *	49.00 *
West Texas Sour.....	44.10 *	45.35 *	45.60 *	43.60 *	44.35 *	44.85 *	45.10 *
West Central Texas.....	48.00 *	49.25 *	49.50 *	47.50 *	48.25 *	48.75 *	49.00 *
North Texas Sweet.....	48.00 *	49.25 *	49.50 *	47.50 *	48.25 *	48.75 *	49.00 *
North Texas (Cooke & Grayson) Sour.....	45.50 *	46.75 *	47.00 *	45.00 *	45.75 *	46.25 *	46.50 *
East Texas Field.....	45.50 *	46.75 *	47.00 *	45.00 *	45.75 *	46.25 *	46.50 *
East Texas (Other than E. TX. Field).....	45.50 *	46.75 *	47.00 *	45.00 *	45.75 *	46.25 *	46.50 *
East Texas Sour.....	44.50 *	45.75 *	46.00 *	44.00 *	44.75 *	45.25 *	45.50 *
East Texas Light Sour.....	47.00 *	48.25 *	48.50 *	46.50 *	47.25 *	47.75 *	48.00 *
East Texas Condensate.....	43.50 *	44.75 *	45.00 *	43.00 *	43.75 *	44.25 *	44.50 *
Texas Upper Gulf Coast.....	41.75 *	43.00 *	43.25 *	41.25 *	42.00 *	42.50 *	42.75 *
Texas Central Gulf Coast (Giddings).....	41.75 *	43.00 *	43.25 *	41.25 *	42.00 *	42.50 *	42.75 *
South Texas Light (Sweet).....	41.75 *	43.00 *	43.25 *	41.25 *	42.00 *	42.50 *	42.75 *
South Texas Heavy.....	41.50 *	42.75 *	43.00 *	41.00 *	41.75 *	42.25 *	42.50 *
South Texas Sour.....	35.25 *	36.50 *	36.75 *	34.75 *	35.50 *	36.00 *	36.25 *
Texas Panhandle.....	47.50 *	48.75 *	49.00 *	47.00 *	47.75 *	48.25 *	48.50 *
South Texas Sweet.....	48.00 *	49.25 *	49.50 *	47.50 *	48.25 *	48.75 *	49.00 *
Eagle Ford Light.....	48.00 *	49.25 *	49.50 *	47.50 *	48.25 *	48.75 *	49.00 *
NEW MEXICO							
New Mexico Intermediate.....	48.00 *	49.25 *	49.50 *	47.50 *	48.25 *	48.75 *	49.00 *
New Mexico Sour.....	44.10 *	45.35 *	45.60 *	43.60 *	44.35 *	44.85 *	45.10 *
LOUISIANA							
North Louisiana.....	45.00 *	46.25 *	46.50 *	44.50 *	45.25 *	45.75 *	46.00 *
Central Louisiana Sweet.....	47.50 *	48.75 *	49.00 *	47.00 *	47.75 *	48.25 *	48.50 *
North Louisiana Nacatoch.....	48.50 *	49.75 *	50.00 *	48.00 *	48.75 *	49.25 *	49.50 *
Central Louisiana LCT.....	47.75 *	49.00 *	49.25 *	47.25 *	48.00 *	48.50 *	48.75 *
North Louisiana Condensate.....	45.00 *	46.25 *	46.50 *	44.50 *	45.25 *	45.75 *	46.00 *
South Louisiana Light Sweet (Onshore).....	46.50 *	47.75 *	48.00 *	46.00 *	46.75 *	47.25 *	47.50 *
South Louisiana Eugene Island (Onshore).....	43.50 *	44.75 *	45.00 *	43.00 *	43.75 *	44.25 *	44.50 *
South Arkansas and North Louisiana Sour.....	44.00 *	45.25 *	45.50 *	43.50 *	44.25 *	44.75 *	45.00 *
MISSISSIPPI							
Mississippi Light Sweet.....	46.50 *	47.75 *	48.00 *	46.00 *	46.75 *	47.25 *	47.50 *
Mississippi Light Sour.....	41.50 *	42.75 *	43.00 *	41.00 *	41.75 *	42.25 *	42.50 *
COLORADO							
Colorado Southeastern.....	38.50 *	39.75 *	40.00 *	38.00 *	38.75 *	39.25 *	39.50 *
ILLINOIS							
Illinois Sweet.....	44.50 *	45.75 *	46.00 *	44.00 *	44.75 *	45.25 *	45.50 *
INDIANA							
Indiana Sweet.....	44.50 *	45.75 *	46.00 *	44.00 *	44.75 *	45.25 *	45.50 *
KANSAS							
Kansas Common.....	38.35 *	39.60 *	39.85 *	37.85 *	38.60 *	39.10 *	39.35 *
Eastern Kansas Common.....	38.25 *	39.50 *	39.75 *	37.75 *	38.50 *	39.00 *	39.25 *
Eastern Kansas Common Special.....	34.20 *	35.45 *	35.70 *	33.70 *	34.45 *	34.95 *	35.20 *
Northwestern Kansas Sweet.....	39.50 *	40.75 *	41.00 *	39.00 *	39.75 *	40.25 *	40.50 *
Southwestern Kansas Sweet.....	40.00 *	41.25 *	41.50 *	39.50 *	40.25 *	40.75 *	41.00 *
Central Kansas Sweet.....	41.60 *	42.85 *	43.10 *	41.10 *	41.85 *	42.35 *	42.60 *
NEBRASKA							
Nebraska Western.....	39.30 *	40.55 *	40.80 *	38.80 *	39.55 *	40.05 *	40.30 *
Nebraska Intermediate.....	38.00 *	39.25 *	39.50 *	37.50 *	38.25 *	38.75 *	39.00 *
OKLAHOMA							
Domestic Sweet (Cushing).....	48.00 *	49.25 *	49.50 *	47.50 *	48.25 *	48.75 *	49.00 *
Oklahoma Sweet.....	48.00 *	49.25 *	49.50 *	47.50 *	48.25 *	48.75 *	49.00 *
Oklahoma Sweet Special.....	44.00 *	45.25 *	45.50 *	43.50 *	44.25 *	44.75 *	45.00 *
Oklahoma Sweet-Central.....	48.00 *	49.25 *	49.50 *	47.50 *	48.25 *	48.75 *	49.00 *
Western Oklahoma.....	43.50 *	44.75 *	45.00 *	43.00 *	43.75 *	44.25 *	44.50 *
Oklahoma Panhandle.....	43.00 *	44.25 *	44.50 *	42.50 *	43.25 *	43.75 *	44.00 *
Oklahoma Sour.....	35.50 *	36.75 *	37.00 *	35.00 *	35.75 *	36.25 *	36.50 *
Oklahoma Condensate.....	46.08 *	47.28 *	47.52 *	45.60 *	46.32 *	46.80 *	47.04 *
Oklahoma Condensate Light.....	45.12 *	46.30 *	46.53 *	44.65 *	45.36 *	45.83 *	46.06 *
WYOMING							
Wyoming Southwestern Area.....	44.58 *	45.83 *	46.08 *	44.08 *	44.83 *	45.33 *	45.58 *
Wyoming Sweet other Areas.....	45.10 *	46.35 *	46.60 *	44.60 *	45.35 *	45.85 *	46.10 *

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333 CLAY, SUITE 1600
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HOUSTON, TEXAS 77002**

BULLETIN No:	2016-228	2016-229	2016-230	2016-231
EFFECTIVE DATE:	12/22/16	12/27/16	12/28/16	12/29/16
	\$/BBL	\$/BBL	\$/BBL	\$/BBL
TEXAS				
West Texas Intermediate - Area #1.....	49.00 *	49.75 *	50.25 *	49.75 *
West Texas Intermediate - All Other Areas.....	49.50 *	50.25 *	50.75 *	50.25 *
West Texas Sour.....	45.60 *	46.35 *	46.85 *	46.35 *
West Central Texas.....	49.50 *	50.25 *	50.75 *	50.25 *
North Texas Sweet.....	49.50 *	50.25 *	50.75 *	50.25 *
North Texas (Cooke & Grayson) Sour.....	47.00 *	47.75 *	48.25 *	47.75 *
East Texas Field.....	47.00 *	47.75 *	48.25 *	47.75 *
East Texas (Other than E. TX. Field).....	47.00 *	47.75 *	48.25 *	47.75 *
East Texas Sour.....	46.00 *	46.75 *	47.25 *	46.75 *
East Texas Light Sour.....	48.50 *	49.25 *	49.75 *	49.25 *
East Texas Condensate.....	45.00 *	45.75 *	46.25 *	45.75 *
Texas Upper Gulf Coast.....	43.25 *	44.00 *	44.50 *	44.00 *
Texas Central Gulf Coast (Giddings).....	43.25 *	44.00 *	44.50 *	44.00 *
South Texas Light (Sweet).....	43.25 *	44.00 *	44.50 *	44.00 *
South Texas Heavy.....	43.00 *	43.75 *	44.25 *	43.75 *
South Texas Sour.....	36.75 *	37.50 *	38.00 *	37.50 *
Texas Panhandle.....	49.00 *	49.75 *	50.25 *	49.75 *
South Texas Sweet.....	49.50 *	50.25 *	50.75 *	50.25 *
Eagle Ford Light.....	49.50 *	50.25 *	50.75 *	50.25 *
NEW MEXICO				
New Mexico Intermediate.....	49.50 *	50.25 *	50.75 *	50.25 *
New Mexico Sour.....	45.60 *	46.35 *	46.85 *	46.35 *
LOUISIANA				
North Louisiana.....	46.50 *	47.25 *	47.75 *	47.25 *
Central Louisiana Sweet.....	49.00 *	49.75 *	50.25 *	49.75 *
North Louisiana Nacatoch.....	50.00 *	50.75 *	51.25 *	50.75 *
Central Louisiana LCT.....	49.25 *	50.00 *	50.50 *	50.00 *
North Louisiana Condensate.....	46.50 *	47.25 *	47.75 *	47.25 *
South Louisiana Light Sweet (Onshore).....	48.00 *	48.75 *	49.25 *	48.75 *
South Louisiana Eugene Island (Onshore).....	45.00 *	45.75 *	46.25 *	45.75 *
South Arkansas and North Louisiana Sour.....	45.50 *	46.25 *	46.75 *	46.25 *
MISSISSIPPI				
Mississippi Light Sweet.....	48.00 *	48.75 *	49.25 *	48.75 *
Mississippi Light Sour.....	43.00 *	43.75 *	44.25 *	43.75 *
COLORADO				
Colorado Southeastern.....	40.00 *	40.75 *	41.25 *	40.75 *
ILLINOIS				
Illinois Sweet.....	46.00 *	46.75 *	47.25 *	46.75 *
INDIANA				
Indiana Sweet.....	46.00 *	46.75 *	47.25 *	46.75 *
KANSAS				
Kansas Common.....	39.85 *	40.60 *	41.10 *	40.60 *
Eastern Kansas Common.....	39.75 *	40.50 *	41.00 *	40.50 *
Eastern Kansas Common Special.....	35.70 *	36.45 *	36.95 *	36.45 *
Northwestern Kansas Sweet.....	41.00 *	41.75 *	42.25 *	41.75 *
Southwestern Kansas Sweet.....	41.50 *	42.25 *	42.75 *	42.25 *
Central Kansas Sweet.....	43.10 *	43.85 *	44.35 *	43.85 *
NEBRASKA				
Nebraska Western.....	40.80 *	41.55 *	42.05 *	41.55 *
Nebraska Intermediate.....	39.50 *	40.25 *	40.75 *	40.25 *
OKLAHOMA				
Domestic Sweet (Cushing).....	49.50 *	50.25 *	50.75 *	50.25 *
Oklahoma Sweet.....	49.50 *	50.25 *	50.75 *	50.25 *
Oklahoma Sweet Special.....	45.50 *	46.25 *	46.75 *	46.25 *
Oklahoma Sweet-Central.....	49.50 *	50.25 *	50.75 *	50.25 *
Western Oklahoma.....	45.00 *	45.75 *	46.25 *	45.75 *
Oklahoma Panhandle.....	44.50 *	45.25 *	45.75 *	45.25 *
Oklahoma Sour.....	37.00 *	37.75 *	38.25 *	37.75 *
Oklahoma Condensate.....	47.52 *	48.24 *	48.72 *	48.24 *
Oklahoma Condensate Light.....	46.53 *	47.24 *	47.71 *	47.24 *
WYOMING				
Wyoming Southwestern Area.....	46.08 *	46.83 *	47.33 *	46.83 *
Wyoming Sweet other Areas.....	46.60 *	47.35 *	47.85 *	47.35 *

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BULLETIN No:
EFFECTIVE DATE:

	December 2016 MONTHLY AVERAGE:	Price Code S	Crude Grade	POSTED GRAVITY	ADJ. SCALE
TEXAS					
West Texas Intermediate - Area #1.....	48.1935	2099	WTI	40.0-44.9	1
West Texas Intermediate - All Other Areas.....	48.6935	2045	WTI	40.0-44.9	1
West Texas Sour.....	44.7935	2044	WTS	34.0-44.9	4
West Central Texas.....	48.6935	2090	WTI	40.0-44.9	1
North Texas Sweet.....	48.6935	2048	NTR	40.0-44.9	1
North Texas (Cooke & Grayson) Sour.....	46.1935	2072	WTS	40.0-44.9	3
East Texas Field.....	46.1935	2003	ETS	Flat	Flat
East Texas (Other than E. TX. Field).....	46.1935	2001	ETS	40.0-44.9	1
East Texas Sour.....	45.1935	2067	ETR	34.0-44.9	4
East Texas Light Sour.....	47.6935	2111	ETR	34.0-44.9	4
East Texas Condensate.....	44.1935	2127	ETS	40.0-44.9	1
Texas Upper Gulf Coast.....	42.4435	2021	TIC	40.0-44.9	1
Texas Central Gulf Coast (Giddings).....	42.4435	2065	GID	40.0-44.9	1
South Texas Light (Sweet).....	42.4435	2026	STL	40.0-44.9	1
South Texas Heavy.....	42.1935	2054	STH	29.0-44.9	5
South Texas Sour.....	35.9435	2050	STS	34.0-44.9	4
Texas Panhandle.....	48.1935	2120	TXP	40.0+	15
South Texas Sweet.....	48.6935	2150	STS	40.0-44.9	16
Eagle Ford Light.....	48.6935	2152	EGF	40.0-44.9	16
NEW MEXICO					
New Mexico Intermediate.....	48.6935	2100	WTI	40.0-44.9	1
New Mexico Sour.....	44.7935	2101	WTS	34.0-44.9	4
LOUISIANA					
North Louisiana.....	45.6935	2037	NLS	40.0-44.9	1
Central Louisiana Sweet.....	48.1935	2114	NLS	40.0-44.9	1
North Louisiana Nacatoch.....	49.1935	2118	NLN	Flat	Flat
Central Louisiana LCT.....	48.4435	2119	LCT	Flat	Flat
North Louisiana Condensate.....	45.6935	2128	LCN	40.0-44.9	1
South Louisiana Light Sweet (Onshore).....	47.1935	2036	LLS	40.0-44.9	2
South Louisiana Eugene Island (Onshore).....	44.1935	2066	EIC	40.0-44.9	2
South Arkansas and North Louisiana Sour.....	44.6935	2002	ETR	34.0-44.9	4
MISSISSIPPI					
Mississippi Light Sweet.....	47.1935	2121	LMS	40.0-50.0	7
Mississippi Light Sour.....	42.1935	2122	MLS	34.0-44.9	4
COLORADO					
Colorado Southeastern.....	39.1935	2078	RMS	40.0-44.9	12
ILLINOIS					
Illinois Sweet.....	45.1935	2104	ILB	30.0-44.9	11
INDIANA					
Indiana Sweet.....	45.1935	2105	ILB	30.0-44.9	11
KANSAS					
Kansas Common.....	39.0435	2089	KSW	40.0-44.9	2
Eastern Kansas Common.....	38.9435	2109	KSW	40.0-44.9	2
Eastern Kansas Common Special.....	34.8935	2117	KSW	40.0-44.9	2
Northwestern Kansas Sweet.....	40.1935	2091	KSW	40.0-44.9	2
Southwestern Kansas Sweet.....	40.6935	2092	KSW	40.0-44.9	2
Central Kansas Sweet.....	42.2935	2124	KSW	40.0-44.9	2
NEBRASKA					
Nebraska Western.....	39.9935	2079	RMS	40.0-44.9	1
Nebraska Intermediate.....	38.6935	2125	NBS	40.0+	14
OKLAHOMA					
Domestic Sweet (Cushing).....	48.6935	2110	OKA	40.0-44.9	2
Oklahoma Sweet.....	48.6935	2074	OKA	40.0-44.9	2
Oklahoma Sweet Special.....	44.6935	2115	OKA	40.0-44.9	2
Oklahoma Sweet-Central.....	48.6935	2051	OKA	40.0-44.9	2
Western Oklahoma.....	44.1935	2112	OKA	40.0-44.9	2
Oklahoma Panhandle.....	43.6935	2113	OKA	40.0-44.9	2
Oklahoma Sour.....	36.1935	2126	OKA	40.0-44.9	3
Oklahoma Condensate.....	46.7458	2140	OKA	Flat	Flat
Oklahoma Condensate Light.....	45.7745	2141	OKA	Flat	Flat
WYOMING					
Wyoming Southwestern Area.....	45.2735	2082	WYS	40.0-44.9	3
Wyoming Sweet other Areas.....	45.7935	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.

In the event government statutes, regulations, or rulings require adjustments in the prices paid, Plains Marketing, L.P. reserves the right to amend these postings. Recovery for excess payments may be made by either withholding an amount equal to the excess or by directly invoicing Seller.

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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