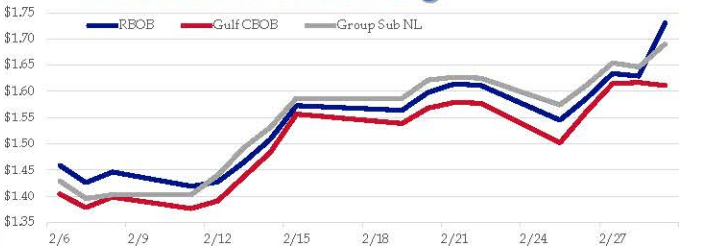


Gasoline

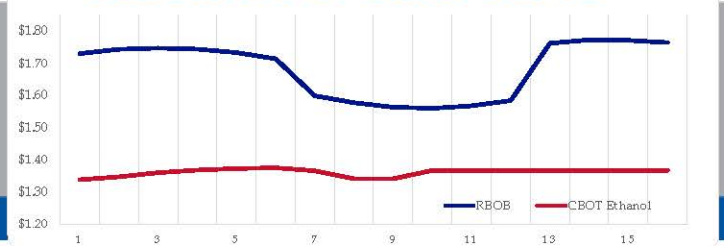
	RBOB	Change	Gulf CBOB	Change	Group Sub NL	Change	Gulf Basis	Group Basis
3/4	\$1.7547	\$0.0244	\$1.6355	\$0.0246	\$1.7150	\$0.0244	\$(0.1198)	\$(0.0400)
3/1	\$1.7303	\$0.1010	\$1.6111	-\$0.0059	\$1.6906	\$0.0440	\$(0.1193)	\$(0.0397)
2/28	\$1.6293	-\$0.0047	\$1.6170	\$0.0025	\$1.6466	-\$0.0076	\$(0.0123)	\$0.0173
2/27	\$1.6340	\$0.0477	\$1.6146	\$0.0536	\$1.6542	\$0.0427	\$(0.0195)	\$0.0202
2/26	\$1.5863	\$0.0411	\$1.5609	\$0.0589	\$1.6115	\$0.0374	\$(0.0254)	\$0.0252
2/25	\$1.5452	-\$0.0660	\$1.5020	-\$0.0753	\$1.5742	-\$0.0510	\$(0.0432)	\$0.0290
2/22	\$1.6112	-\$0.0032	\$1.5773	-\$0.0017	\$1.6252	-\$0.0020	\$(0.0339)	\$0.0139
2/21	\$1.6144	\$0.0163	\$1.5790	\$0.0108	\$1.6271	\$0.0055	\$(0.0355)	\$0.0127

RBOB Technicals			Resistance	
Indicator	Direction			
MACD	Bullish	1.8143	200 Day MA	
Stochastics	Bullish	1.7720	2019 High	
RSI	Neutral	1.6490	March Contract high / Chart gap	
ADX	Neutral	1.2450	December Low	
Momentum	Bullish			
Bias:	Bullish			

Gasoline History



Gasoline Forward Curve

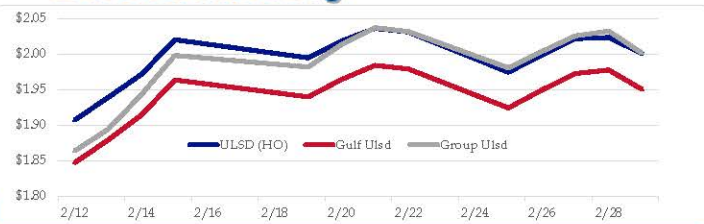


Diesel

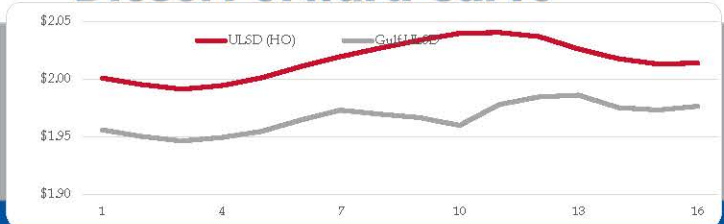
	ULSD (HO)	Change	Gulf Ulstd	Change	Group Ulstd	Change	Gulf Basis	Group Basis
3/4	\$2.0249	\$0.0239	\$1.9745	\$0.0239	\$2.0243	\$0.0229	\$(0.0509)	\$(0.0008)
3/1	\$2.0010	-\$0.0225	\$1.9506	-\$0.0371	\$2.0014	-\$0.0311	\$(0.0504)	\$0.0004
2/28	\$2.0235	\$0.0019	\$1.9776	\$0.0050	\$2.0325	\$0.0069	\$(0.0459)	\$0.0090
2/27	\$2.0216	\$0.0231	\$1.9726	\$0.0231	\$2.0256	\$0.0220	\$(0.0490)	\$0.0040
2/26	\$1.9985	\$0.0239	\$1.9495	\$0.0255	\$2.0036	\$0.0231	\$(0.0490)	\$0.0051
2/25	\$1.9746	-\$0.0565	\$1.9241	-\$0.0552	\$1.9806	-\$0.0511	\$(0.0505)	\$0.0060
2/22	\$2.0311	-\$0.0052	\$1.9792	-\$0.0049	\$2.0316	-\$0.0057	\$(0.0519)	\$0.0005
2/21	\$2.0363	\$0.0180	\$1.9841	\$0.0197	\$2.0373	\$0.0237		

HO Technicals			Resistance	
Indicator	Direction			
MACD	Bullish	2.0884	200 Day MA	
Stochastics	Neutral	2.0479	2019 High	
RSI	Neutral	1.6424	2019 Low	
ADX	Neutral	1.5488	Aug 2017 Low	
Momentum	Neutral			
Bias:	Neutral			

Diesel History



Diesel Forward Curve



Crude

	WTI	Change	Brent	Change
3/4	\$56.53	\$0.73	\$65.87	\$0.80
3/1	\$55.80	-\$1.42	\$65.07	-\$0.96
2/28	\$57.22	\$0.28	\$66.03	-\$0.36
2/27	\$56.94	\$1.44	\$66.39	\$1.18
2/26	\$55.50	\$0.02	\$65.21	\$0.45
Line 1	Change	Line 2	Change	
CPL space	-0.0120	-\$0.0005	-\$0.0015	\$0.0025

Refinery Margins

		Vs WTI				Vs Brent				Group / WCS
		Gulf Gas	Gulf Diesel	3/21	5/3/2	Gulf Gas	Gulf Diesel	3/21	5/3/2	3/21
		\$11.86	\$26.12	\$16.62	\$17.57	\$2.59	\$16.85	\$7.35	\$8.30	20.80
		\$10.69	\$25.84	\$15.74	\$16.75	\$1.88	\$17.03	\$6.93	\$7.94	20.00
		\$10.87	\$25.91	\$15.88	\$16.89	\$1.42	\$16.46	\$6.43	\$7.44	20.12
		\$10.06	\$26.38	\$15.50	\$16.59	\$0.35	\$16.67	\$5.79	\$6.88	21.26

Diesel Forward Curve

Indicative forward prices for ULSD at Gulf Coast area origin points. Prices are estimates only.

Del. Month	Price	Differential	3 Mo. Avg	6 Mo. Avg
Mar-19	\$1.9503	-\$0.0435		
Apr-19	\$1.9464	-\$0.0435		
May-19	\$1.9494	-\$0.0435	\$1.9487	
Jun-19	\$1.9547	-\$0.0450		
Jul-19	\$1.9645	-\$0.0440		
Aug-19	\$1.9731	-\$0.0460	\$1.9641	\$1.9564
Sep-19	\$1.9697	-\$0.0550		
Oct-19	\$1.9666	-\$0.0660		
Nov-19	\$1.9599	-\$0.0785	\$1.9654	
Dec-19	\$1.9781	-\$0.0580		
Jan-20	\$1.9846	-\$0.0480		
Feb-20	\$1.9862	-\$0.0355	\$1.9830	\$1.9742
12 Month Avg	\$1.9653	-\$0.0505		

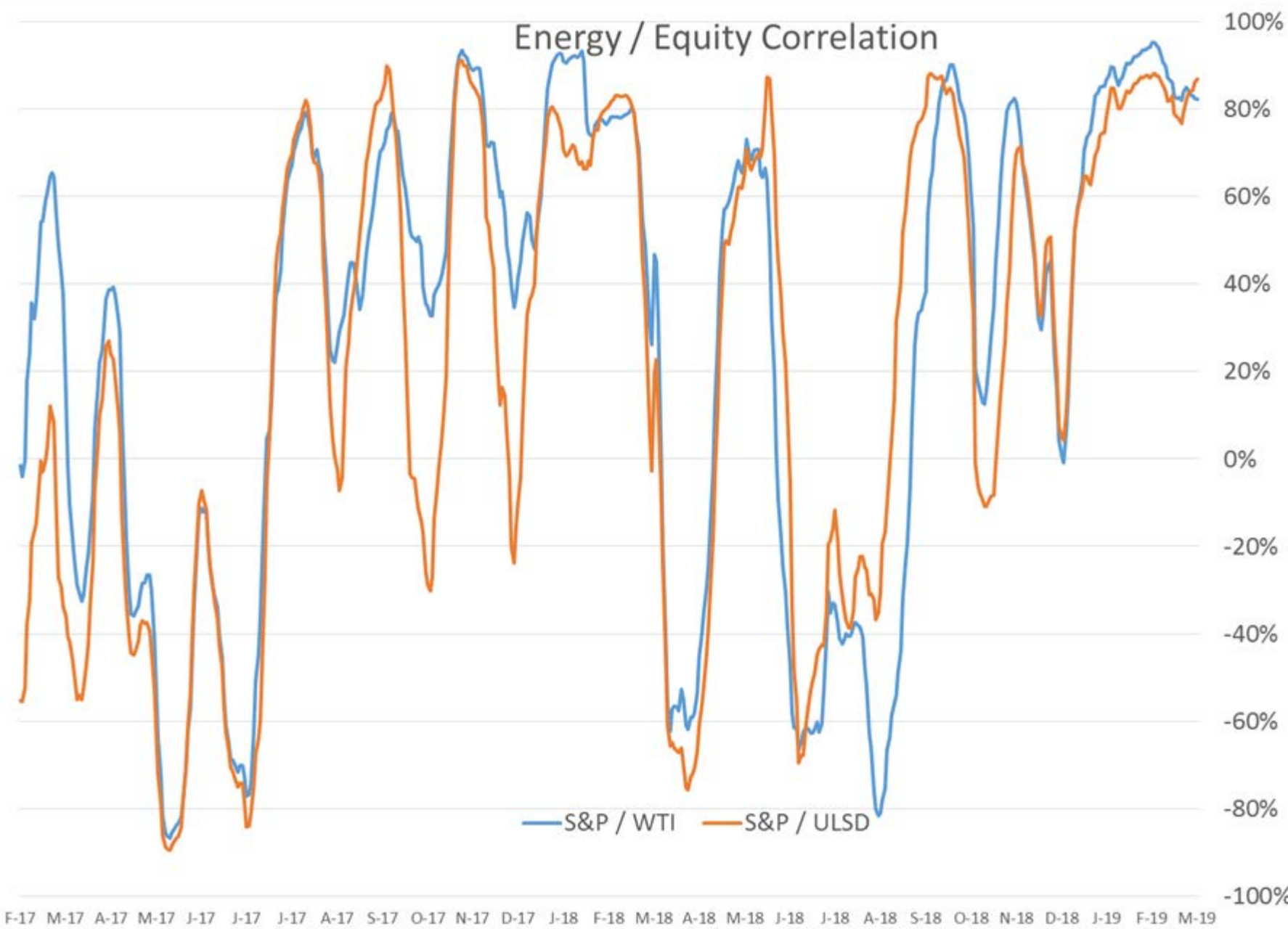
Economic Indicators

Commodity Futures

	Settle	Change		Settle	Change
S&P 500	2,805	20.25	Ethanol	1.338	-0.005
DJIA	26,026	110.32	NatGas	3.180	-0.300
Nasdaq	7,152	54.05	Gold	1,296	-11.1
			Silver	15.17	-0.66
EUR/USD	1.1372	-0.0017	Copper	2.93	-0.023
USD Index	96.45	-0.60	FCOJ	114.05	
US 10 YR YIELD	2.76%	0.03	Corn	364.00	4.00
US 2 YR YIELD	2.55%	0.03	Soy	899.25	7.00
Oil Volatility Index	30.27	0.04	Wheat	454.00	-1.00
S&P Volatility Index (VIX)	14.78	-1.21	Ethanol RINs	0.2115	-0.004
Nikkei 225 Index	21,760	45.00	Butane	0.798	-0.013
			Propane	0.682	-0.012

*SOURCES: Nymex, CBOT, NYSE, ICE, NASDAQ, CME Group, CBOE. Prices delayed.

Energy / Equity Correlation



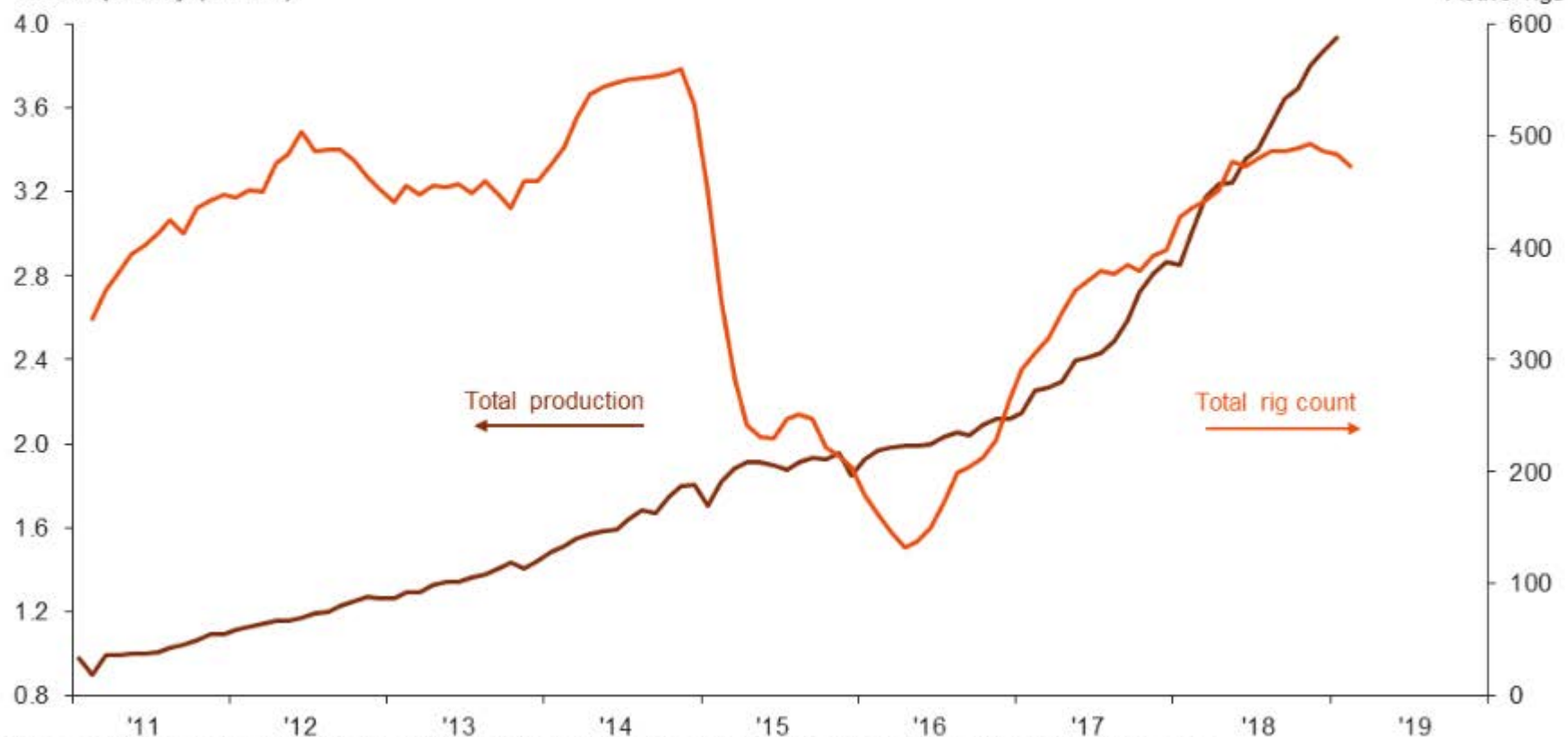
Oil Production Once Again Reaches New Highs

Permian Basin oil production is estimated to have reached 3.94 million barrels per day (b/d) in January, up from December's 3.87 million b/d (*Chart 1*). Meanwhile, the Permian Basin rig count continues to inch down, falling to 473 in February from 484 in January—down from its most recent peak of 493 in November 2018.

Chart 1

Oil Production and Rig Count

Barrels per day (millions)



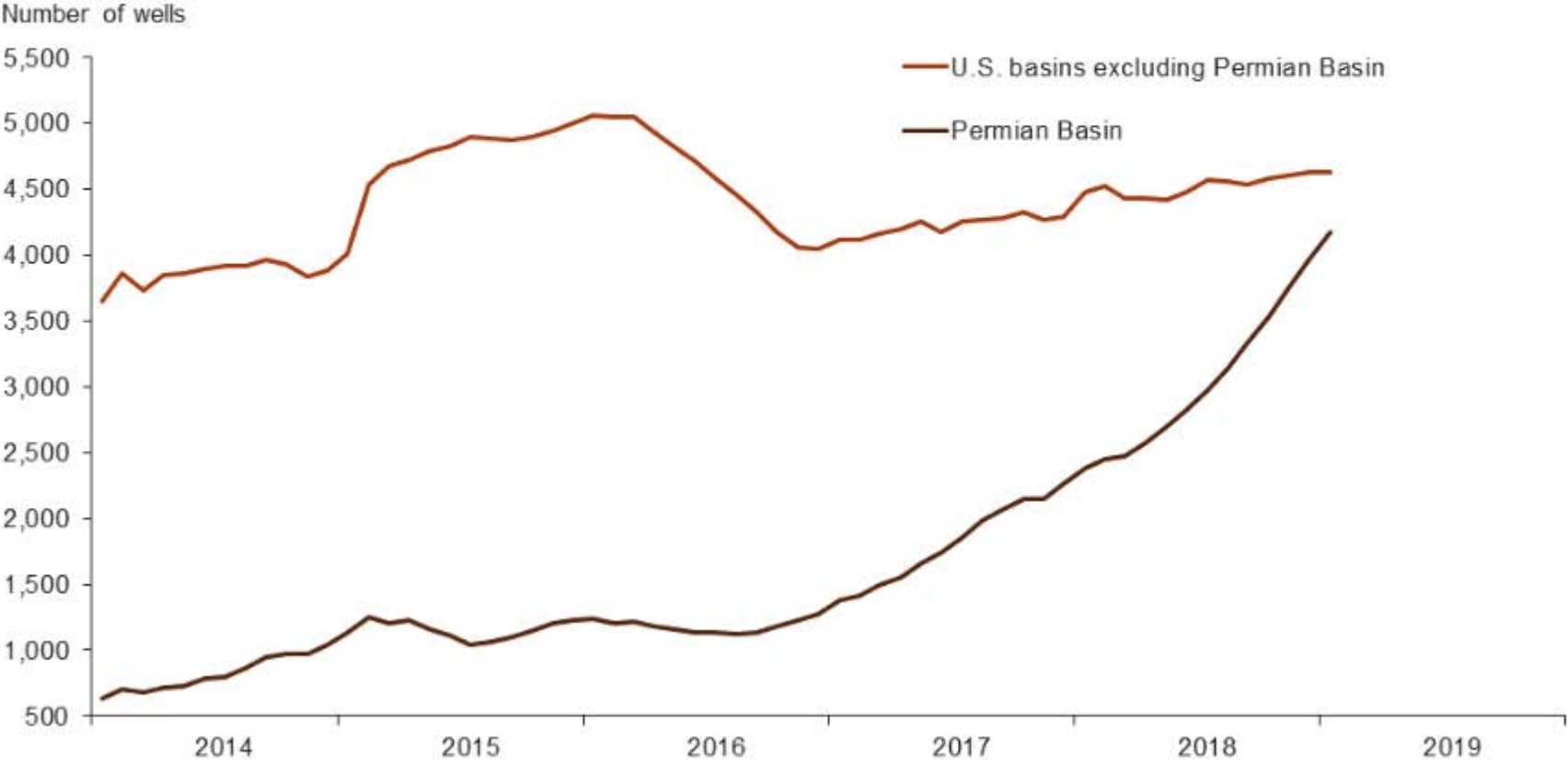
NOTES: Rig count data are monthly. The January 2019 reading is the end-of-week rig count for the week ending Jan. 25, 2019.

SOURCES: Energy Information Administration; Baker Hughes; author's calculations.

Drilled but Uncompleted Wells Rise Steadily

The Permian's number of drilled but uncompleted wells (DUCs) continued to rise in January, totaling 4,170—up 5.2 percent from December 2018 (Chart 3). DUCs outside of the Permian advanced at a much slower pace. The Permian Basin now contains just under half of the total DUCs in the U.S.

Chart 3
Drilled but Uncompleted Wells



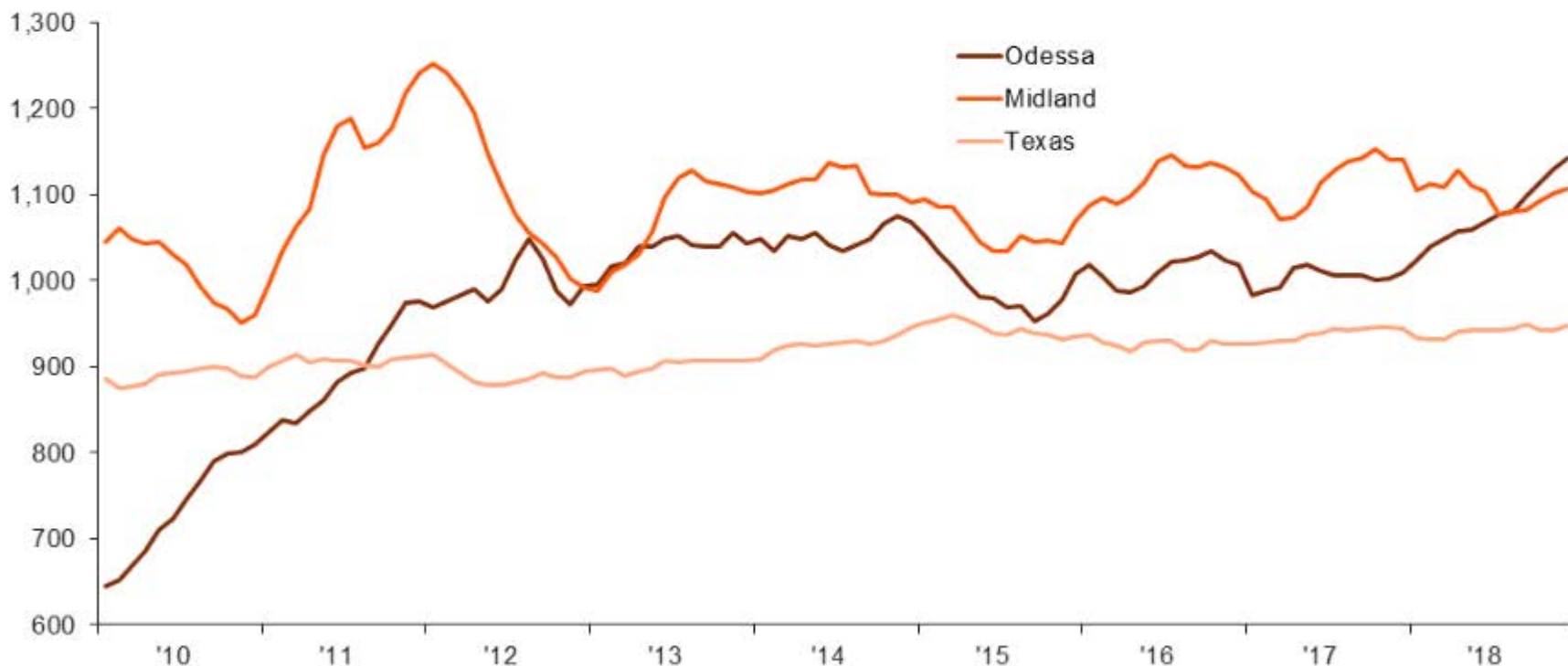
SOURCES: Energy Information Administration; author's calculations.

Average Weekly Wages

Odessa private sector average weekly wages were \$1,141 in December 2018, rising to their highest level since 2007 and surpassing Midland's figure of \$1,106 (Chart 4). Odessa wages rose 13 percent in 2018, compared with a 3 percent decline in Midland earnings and a 0.4 percent increase in Texas wages.

Chart 4
Private Sector Average Weekly Wages

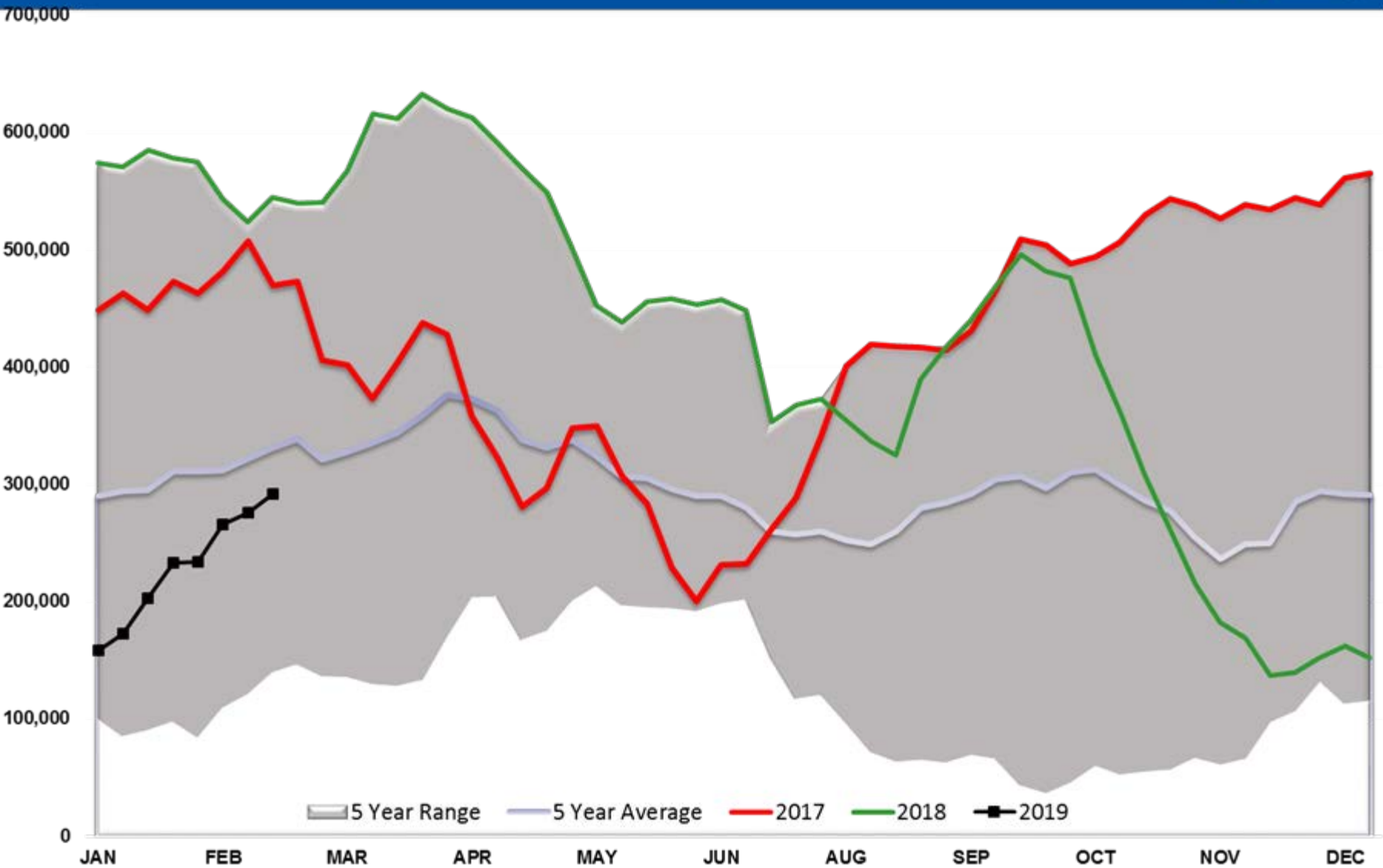
Real dollars*



*Seasonally adjusted, three-month moving average.

SOURCES: Bureau of Labor Statistics; adjustments by the Dallas Fed.

Brent Managed Net Position



WTI Managed Net Position

