



The NGL Roundup

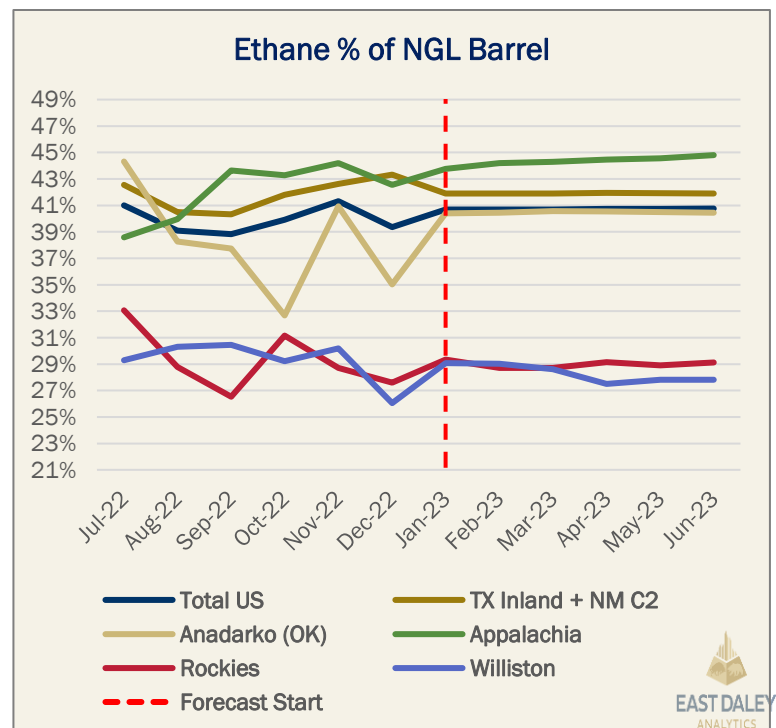
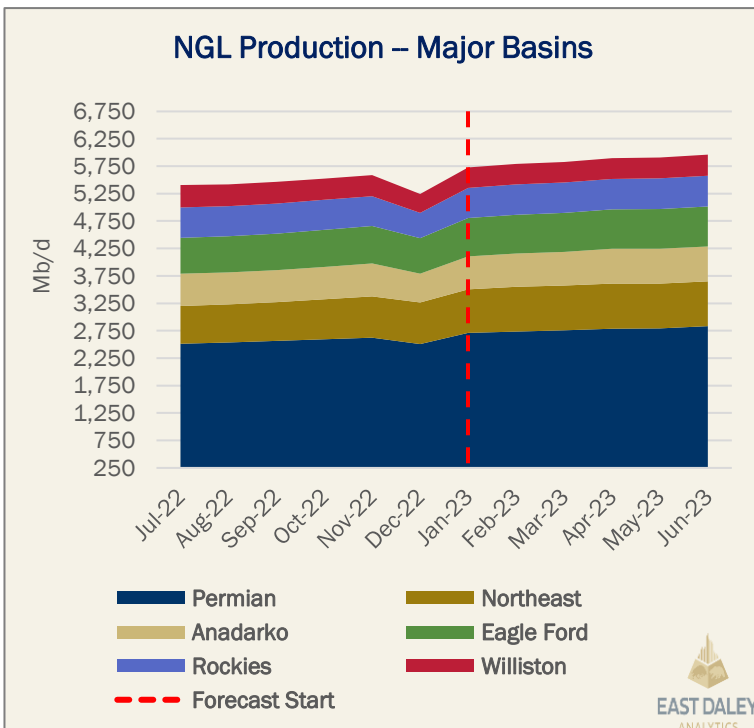
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Questions?
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EIA NGL PRODUCTION -7% VS EAST DALEY FORECAST AS C2 REJECTION AND FLARING SOAR

- NGL production declined 10% M-o-M (556 Mb/d) and 4% Y-o-Y (231 Mb/d) in December to 5,510 Mb/d – the first decline since Winter Storm Uri. The print was 7% below estimates published in East Daley's *NGL Purity Product Forecast*. We likely underestimated the impact of Winter Storm Elliott as most major basins saw large drops across the board, indicating increased flaring and ethane rejection.
- We had initially expected significant ethane rejection in the DJ, Williston and Anadarko due to fractionation constraints, but until December the data showed solid C2 production. That changed in December, though the results are clouded by the winter storm. Forward curves indicate lower frac spreads for 2H23, indicating more rejection may be coming.
- Weekly propane/propylene inventories are finally declining after a delayed start to the withdrawal season. Strong exports have helped pull inventories down from the 5-year high, but they remain above the 5-year average.
- Interested in tracking basin and sub-basin NGL production, ethane rejection, and frac utilization? EDA's *NGL Network Model* and *Purity Product Forecast* will help you dig deeper than EIA data and connect the dots between NGL supply and demand.

NGL Plant Production (Mb/d)		TX Inland + New Mexico	Rockies	ND, SD, MN, and WI	OK, KS, and MO	Appalachia No. 1	Total US	Total EIA vs EDA (%)
Basin Proxy:		Permian+EF	DJ	Williston	Anadarko	Northeast		
Ethane	East Daley Estimate	1,445	161	105	210	282	2,424	-11%
	EIA Reported	1,346	122	86	159	271	2,169	
Propane	East Daley Estimate	996	185	128	163	215	1,863	-4%
	EIA Reported	955	161	127	159	215	1,790	
N Butane	East Daley Estimate	364	73	55	52	64	545	-11%
	EIA Reported	320	66	53	44	64	486	
Isobutane	East Daley Estimate	150	33	18	32	30	437	3%
	EIA Reported	171	28	17	36	30	449	
Natural Gasoline	East Daley Estimate	345	77	51	64	60	674	-9%
	EIA Reported	314	65	47	56	57	616	
Total NGLs	East Daley Estimate	3,299	528	356	520	651	5,943	-7%
	EIA Reported	3,106	442	330	454	637	5,510	



Source: East Daley Analytics' *Purity Product Forecast*, EIA

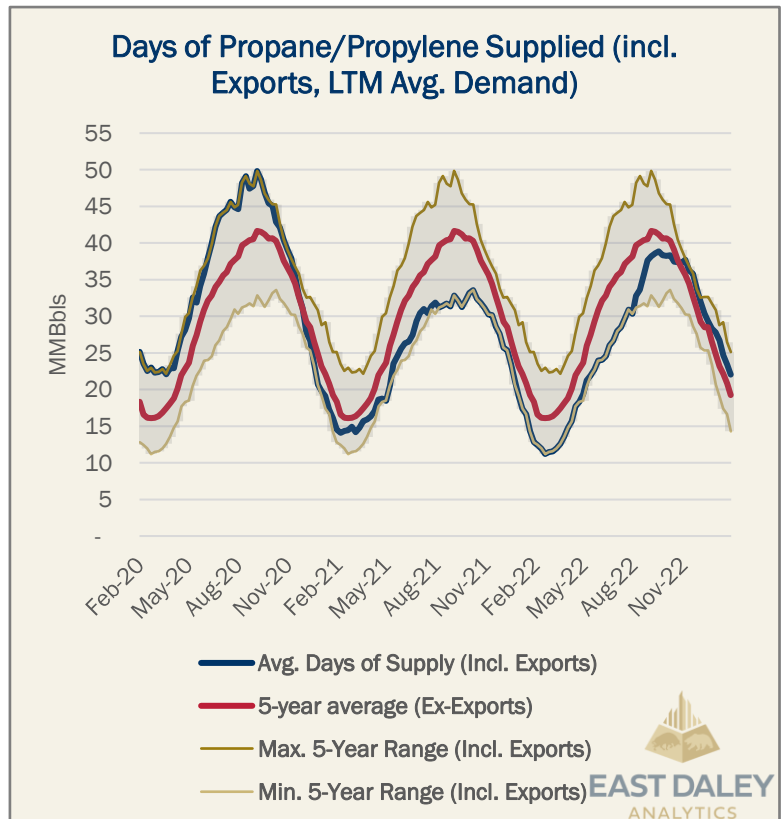
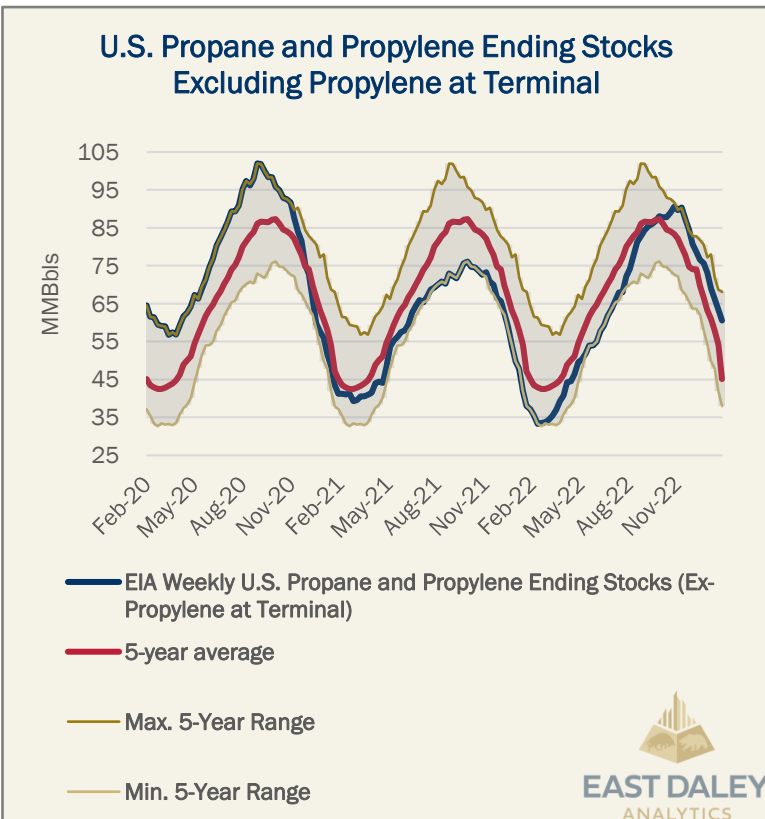
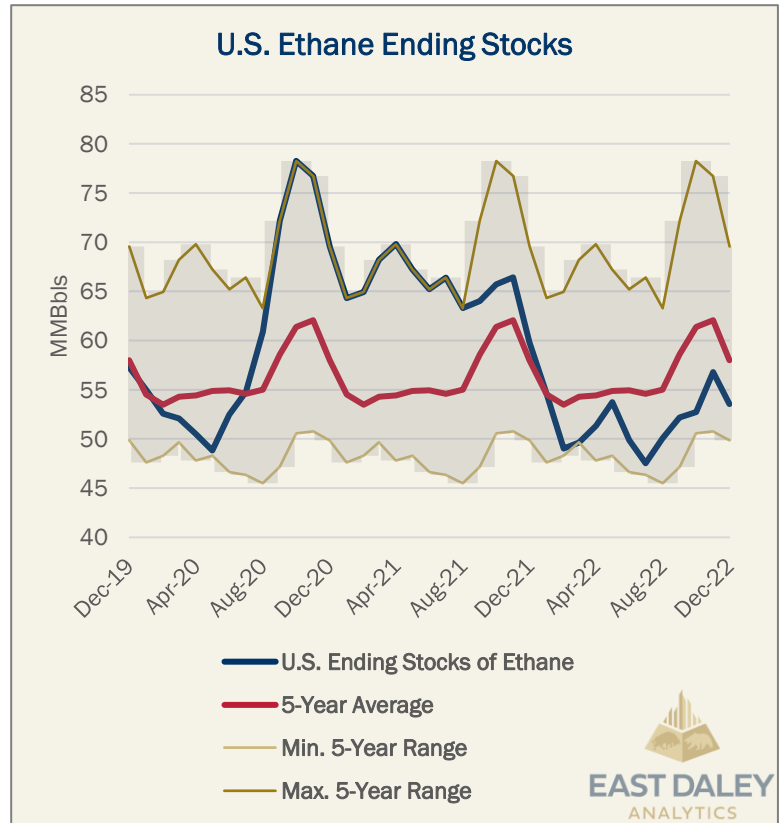
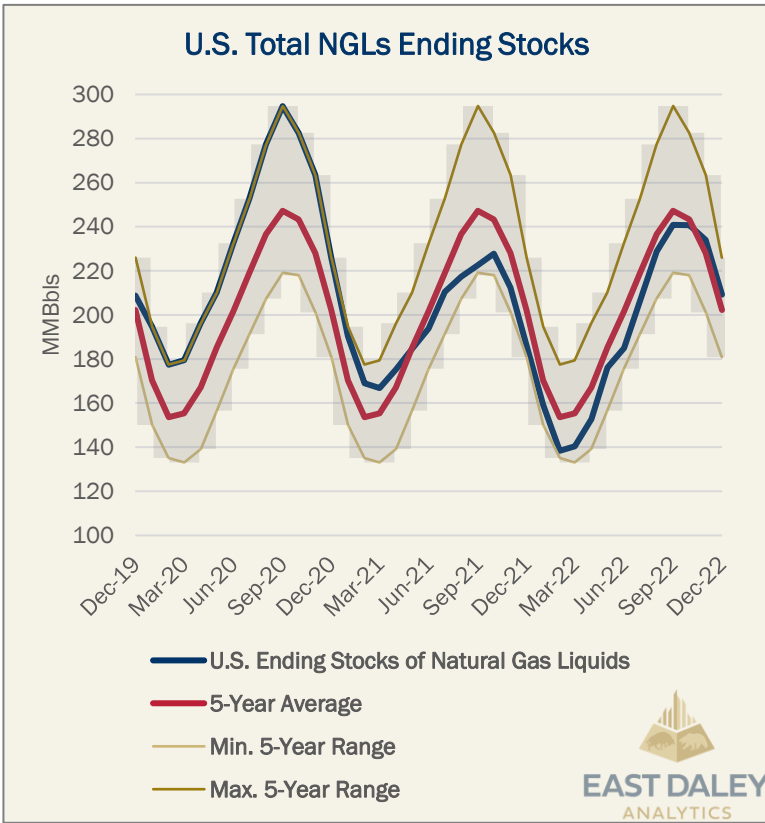


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INVENTORIES



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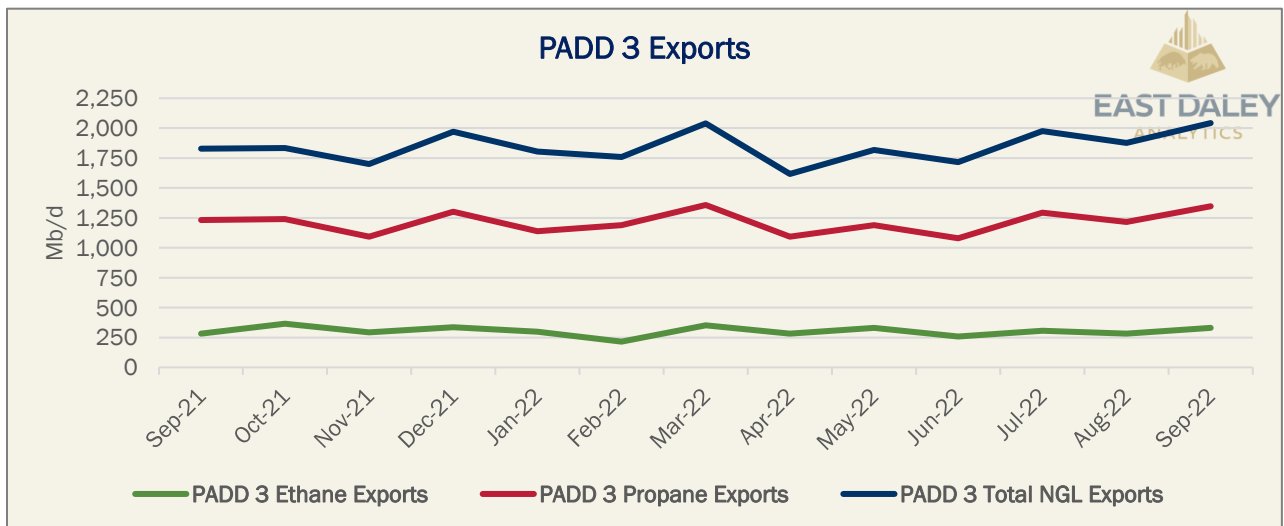
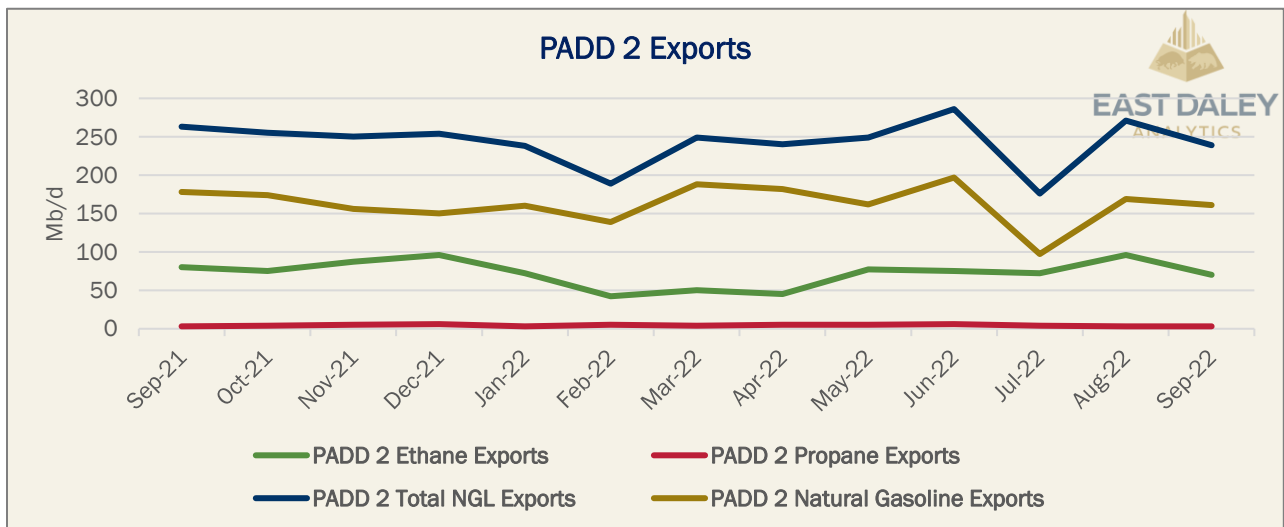
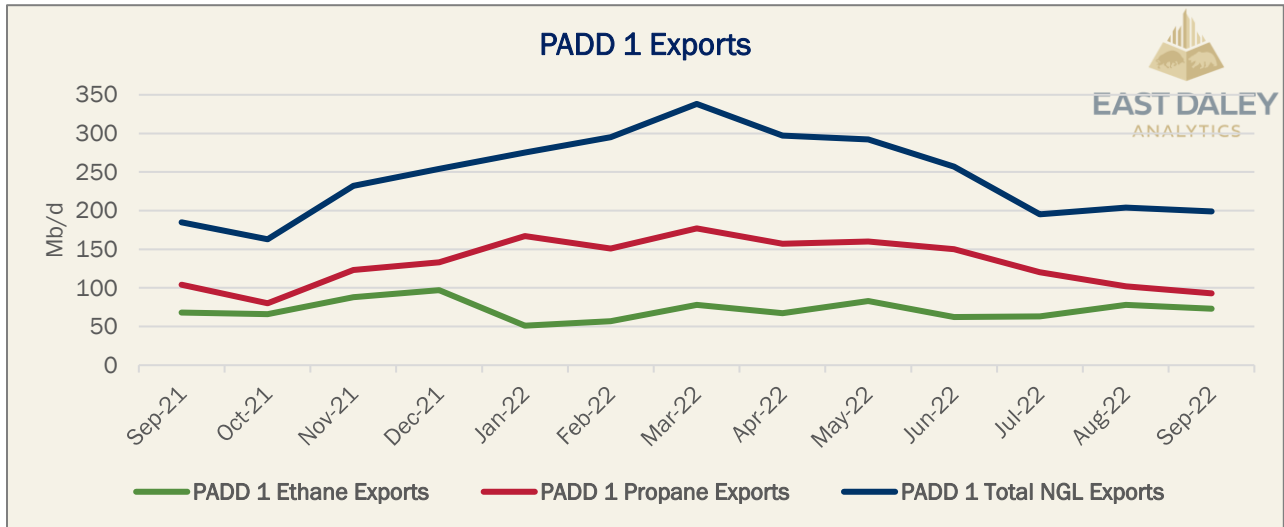


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NGL EXPORTS



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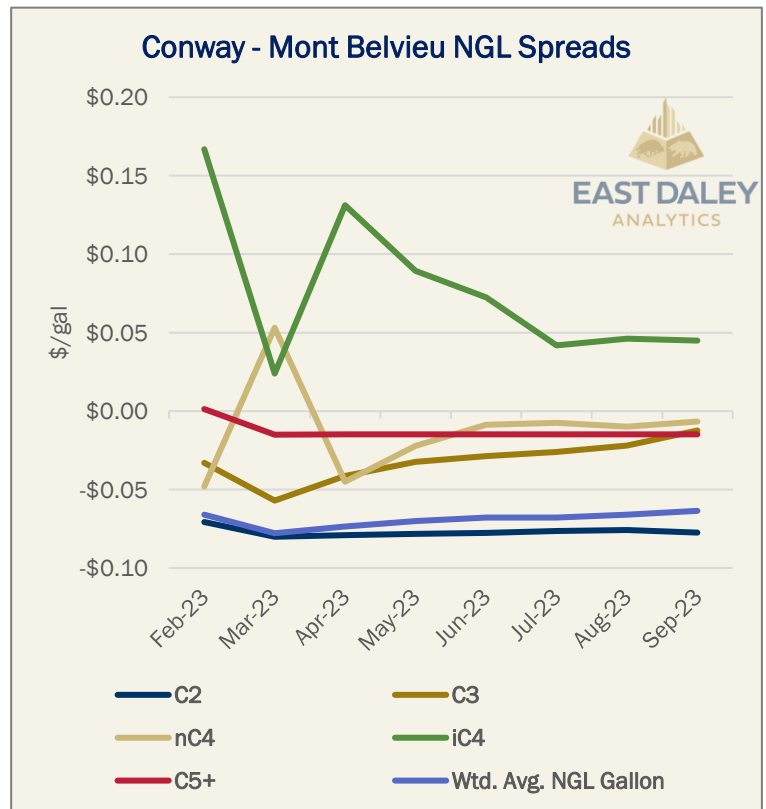
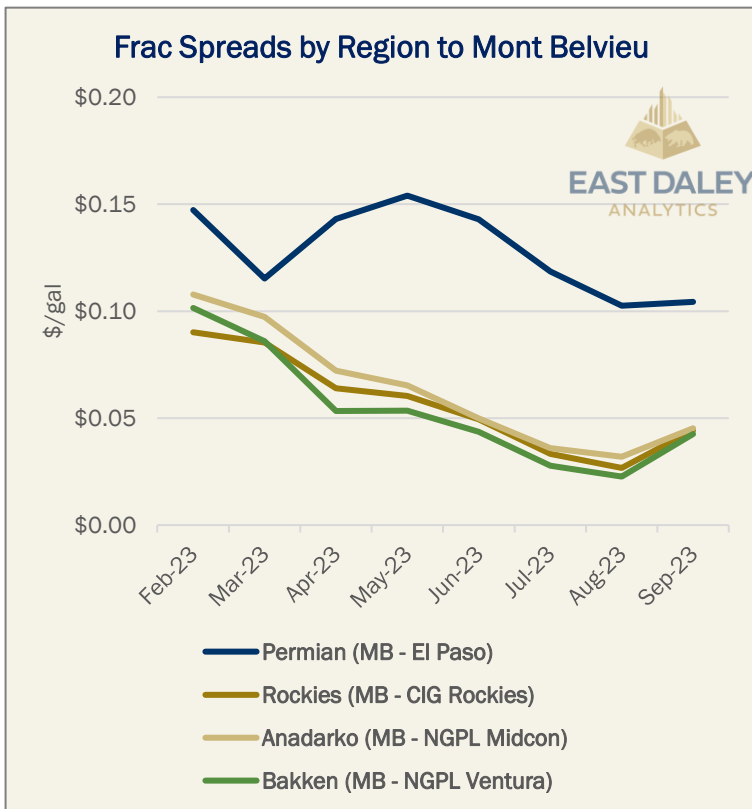
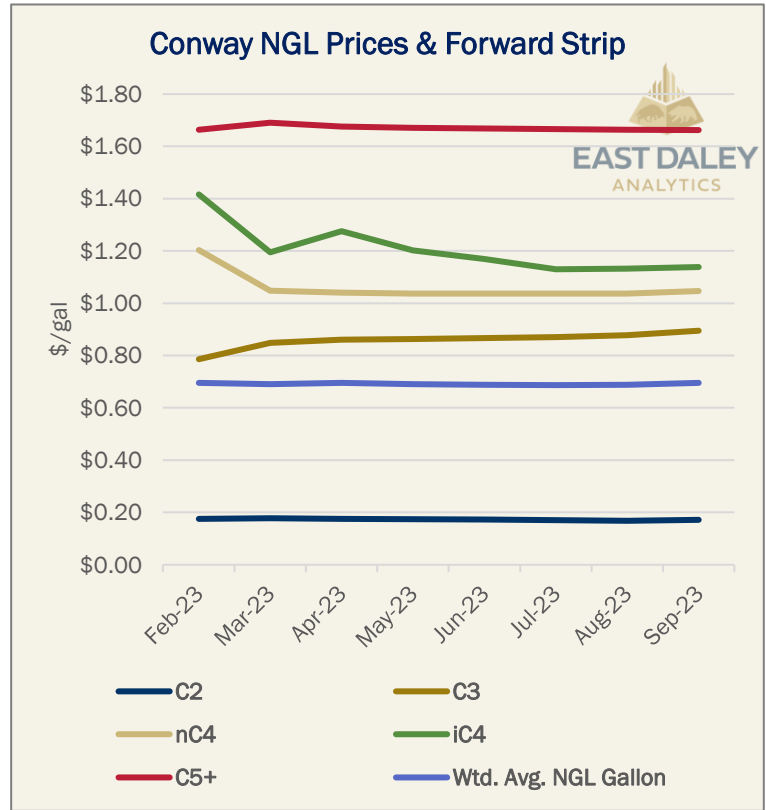
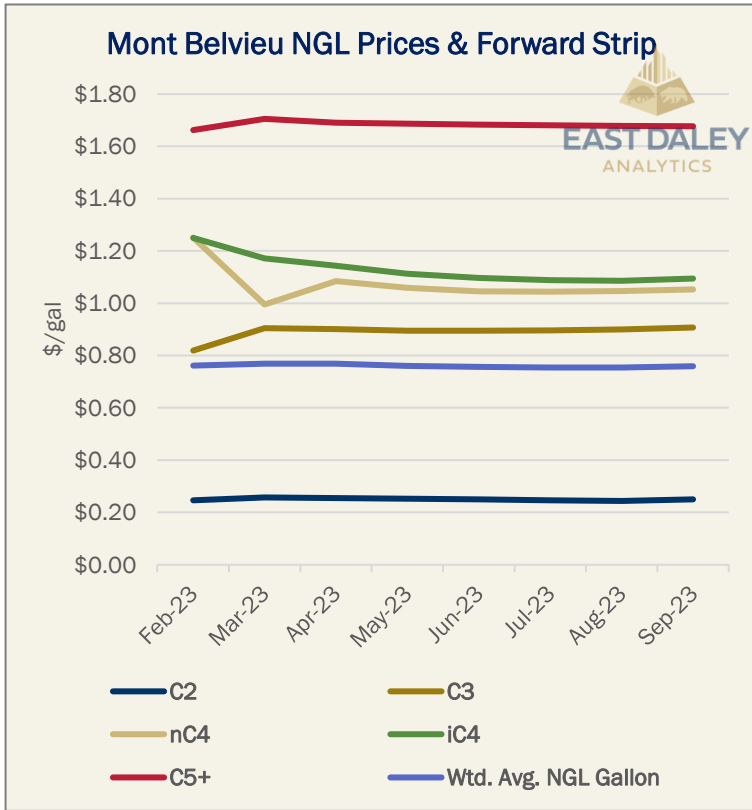


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FORWARD CURVES & SPREADS



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