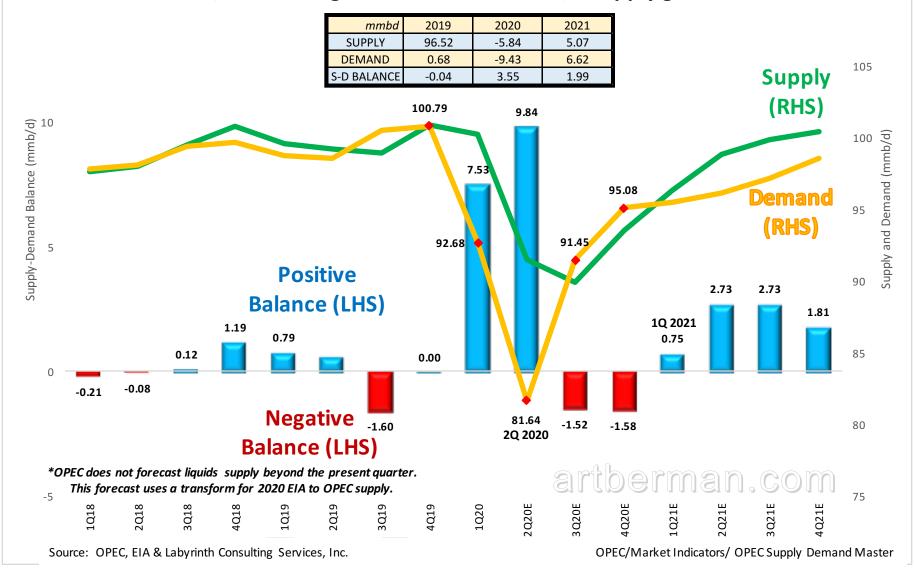


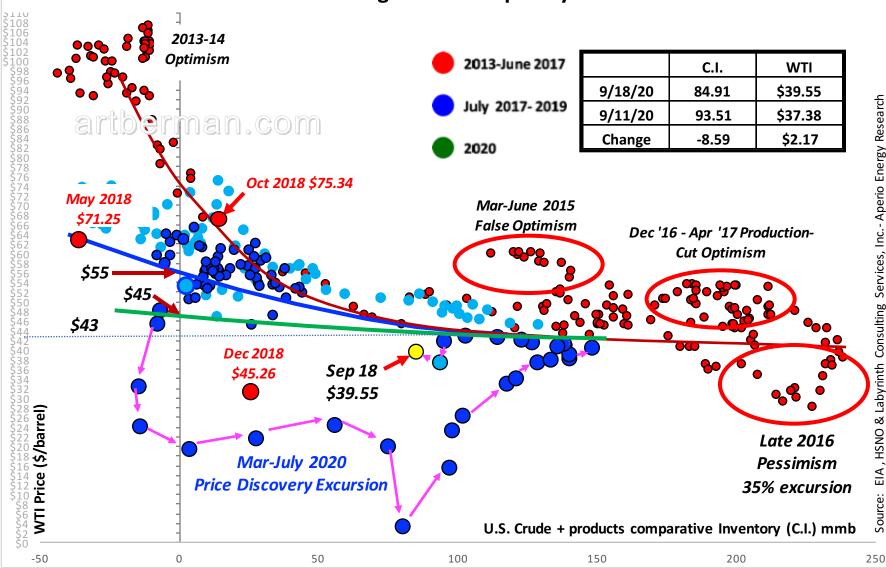
MacroVoices October 1, 2020



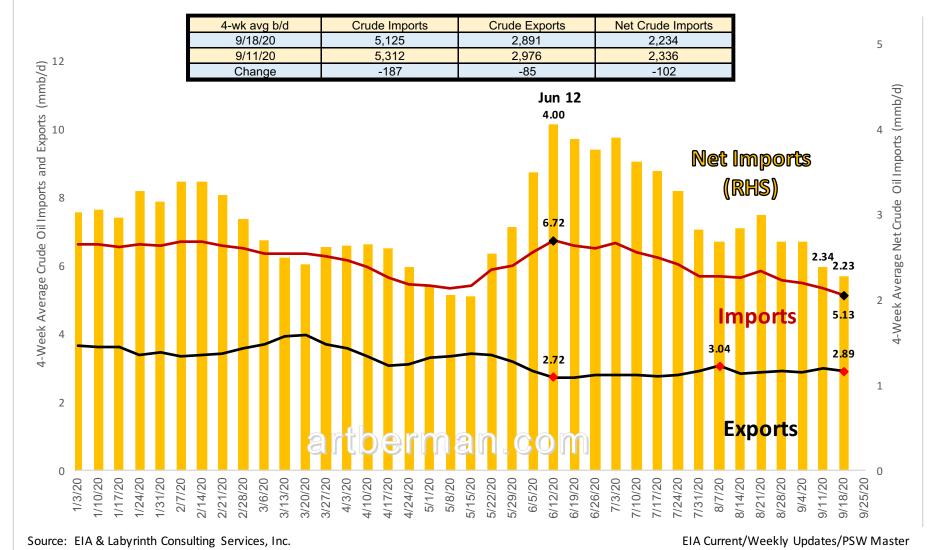
OPEC-EIA* expects a supply-demand deficit for 2H 2020 but a S-D surplus for 2021 -9.43 mmb/d demand growth and +3.55 mmb/d supply growth in 2020 +6.62 mmb/d demand growth and +1.99 mmb/d supply growth in 2021



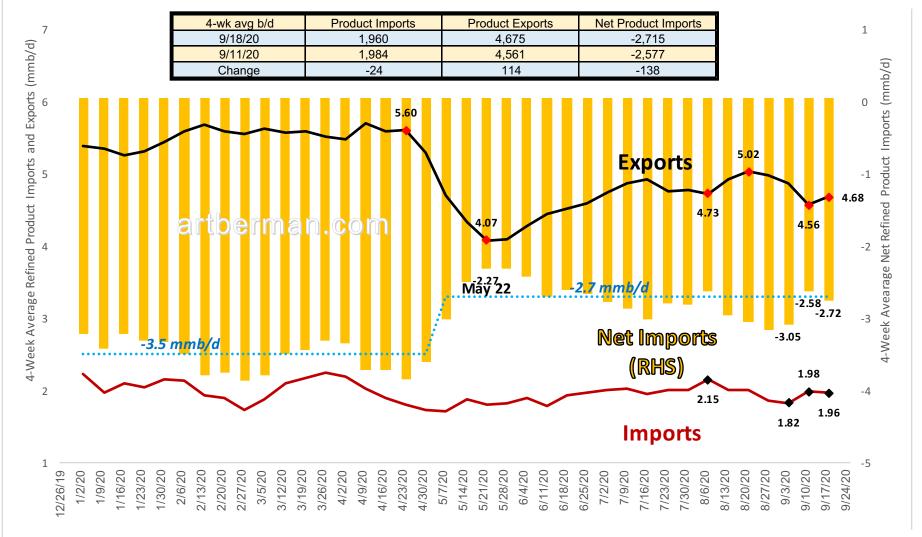
U.S. comparative inventory fell -8.59 mmb to 85 mmb more than 5-year average Weekly average WTI of \$39.55 is ~\$3.50 under-priced based on the green C.I. vs price yield curve



U.S. crude imports fell -187 kb/d & exports fell -85 kb/d week ending September 18 Falling U.S. net crude imports have been a major factor in decreasing inventories Net imports have fallen -1.8 mm/d (44%) since mid-June from 4 to 2.2 mmb/d

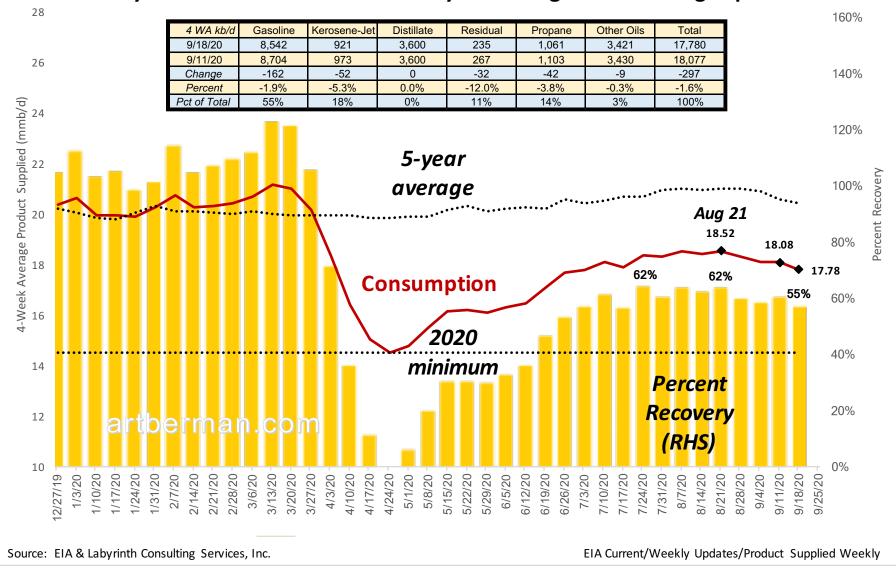


U.S product exports rose +0.11 mmb/d from 4.56 to 4.68 mmb/d week ending Sept 18 Net imports fell -0.24 mmb/d from -2.58 to -2.72 mmb/d Average net imports have decreased- 700 kb/d since May

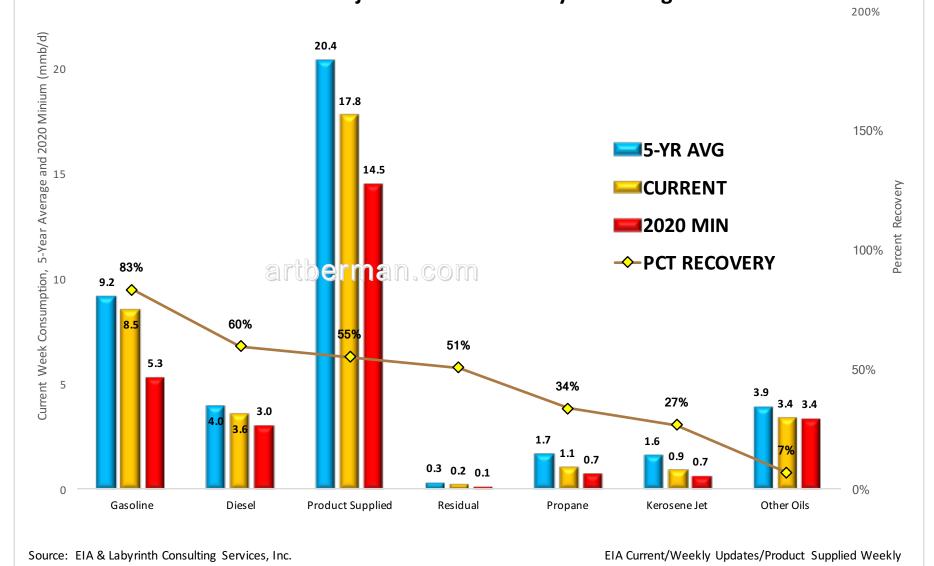


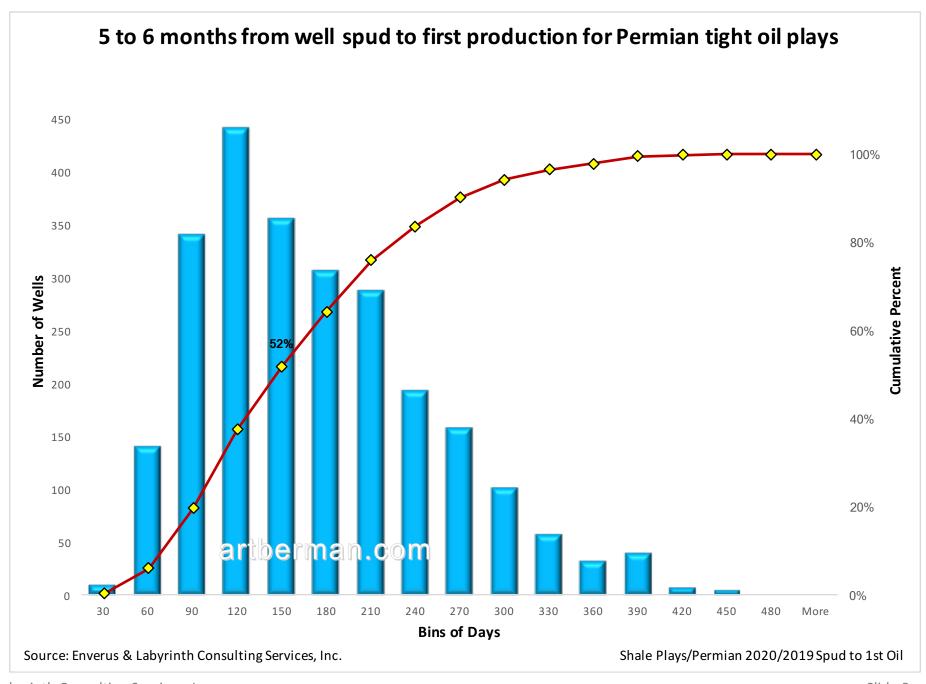
Source: EIA & Labyrinth Consulting Services, Inc.

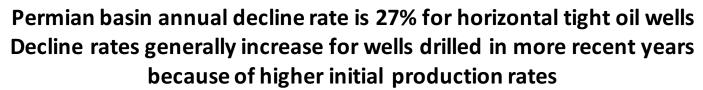
U.S. refined product consumption has fallen -717 kb/d (-4%) from 18.52 to 17.78 mmb/d since August 21 Recovery fell from 59% to 55% of the 5-year average week ending September 18

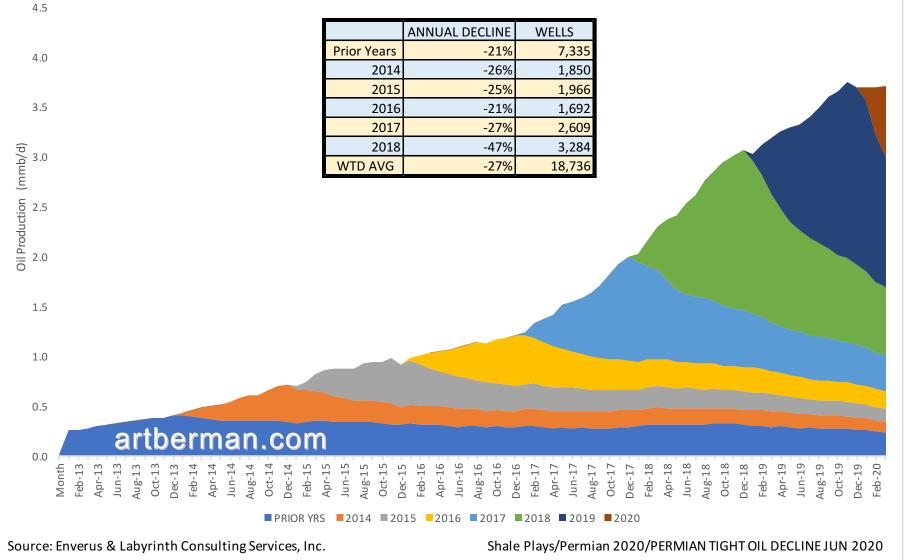


U.S. refined product consumption has recovered to 55% of the 5-year average Gasoline has recovered to 83% and diesel to 60% Kerosene jet is at 27% of its 5-year average

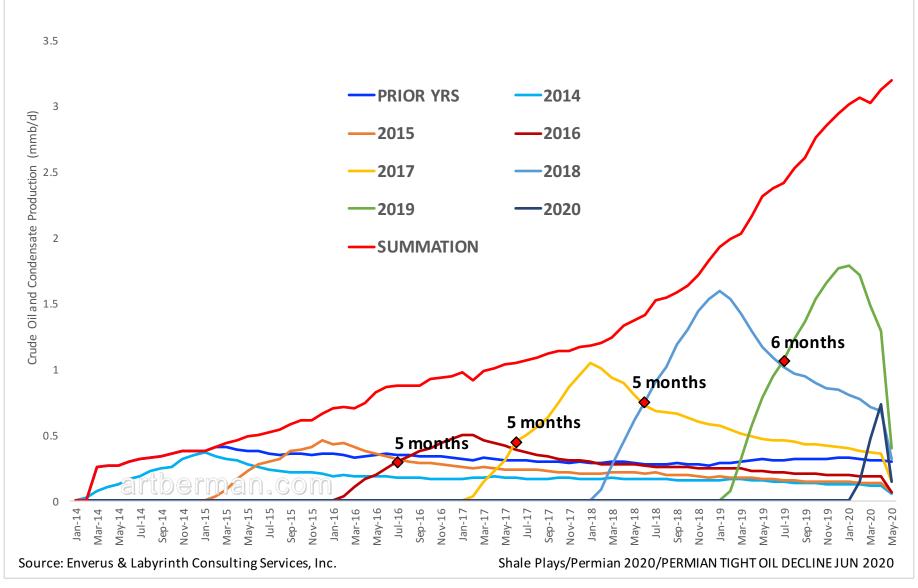




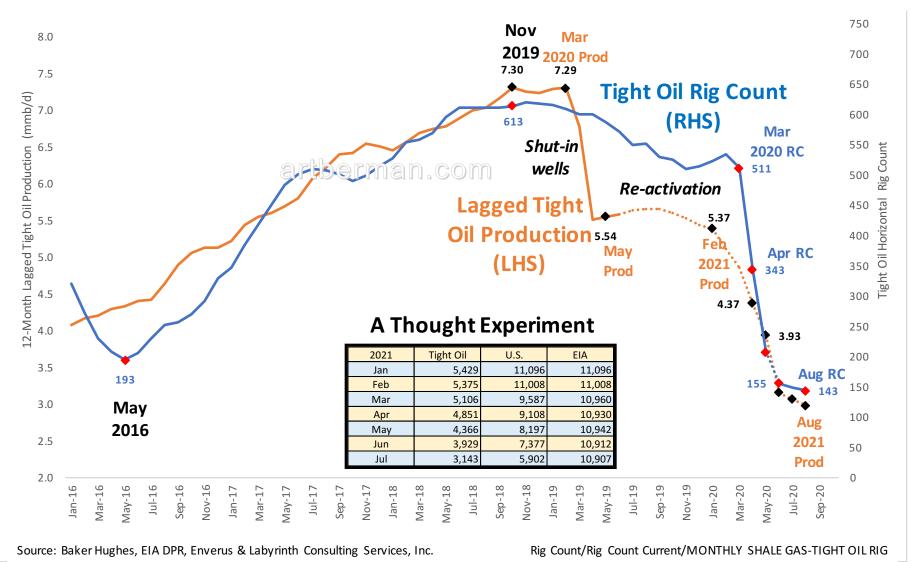




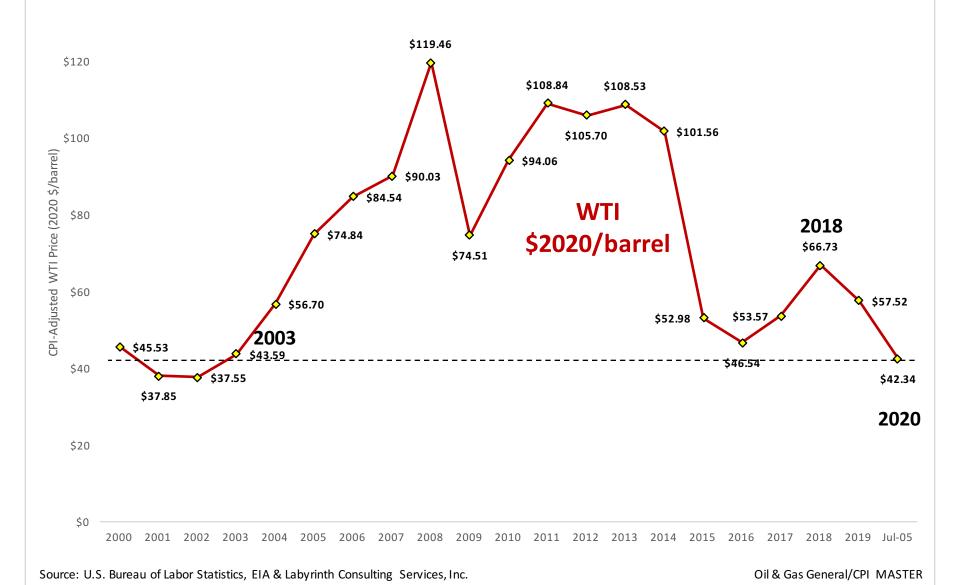




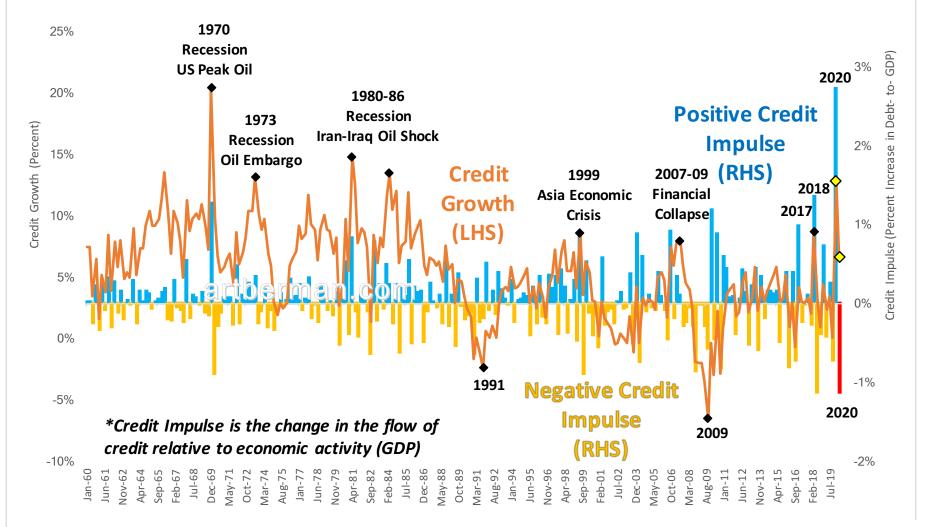
Tight oil rig count is 143, 32% of 450 rigs needed to maintain 5.5 mmb/d tight oil/11 mmb/d total U.S. output Tight oil output may decline to 3 mmb/d & U.S. to 6 mmb/d in Q3 2021



August 2020 WTI price of \$42.34 has recovered almost to 2003 price of \$43.59 but is lower than average price of each of 16 successive years



Largest quarterly U.S. credit decrease (-10.7%) on record in Q2 2020 Largest quarterly drop in credit impulse (3.8%) since 1970 recession and U.S. peak conventional oil



Source: St. Louis Federal Reserve Bank & Labyrinth Consulting Services, Inc.

Oil & Gas General/US DEBT-GDP-CREDIT IMPULSE