

Darren Gee – President & CEO Jean-Paul (JP) Lachance – VP Engineering & COO

Agenda 2021 AGM – Fireside Chat





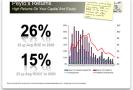
1. New to Peyto?



2. The Energy Transition



3. Peyto's 2020 Performance



4. Delivered Returns



5. Our Future



6.Other Stuff

Plain Language Advisory Regarding Forward-Looking Statements

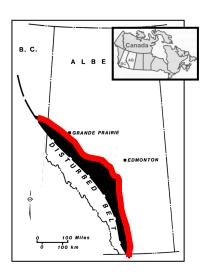


"We are going to tell you about our vision of Peyto's future today. We will also tell you where we think commodity prices are going to go. These are called forward looking statements. We are being truthful and using everything we know about Peyto and the industry to predict the future, but we will likely be wrong on both accounts, almost certainly the commodity price. Oil and gas exploration and production is a risky business. Do your homework before making any investment. Don't blame us if it doesn't work out."

New To Peyto?

Who We Are





- * 5th Largest Canadian Gas Producer > 540 MMcfe/d
- * 11th Largest Canadian Gas Processor 875 MMcf/d capacity
- * Pure Play Alberta Deep Basin Multizone stacked resource, 5 TCFe 2P reserves
- * Long Reserve Life Asset 9yr PDP, 27yr 2P, sweet gas, no mobile water risk
- * Returns Focused Strategy Avg ROCE 15%, ROE 26% over last 22yrs
- * Lowest Cost Producer \$1.01/mcfe (\$6.09/boe) 2020 total cash costs*
- * Own and Control Operate 99% of production, Own/operate 10 gas plants

Quarterly Dividend: \$0.01/share (CTD YE20 \$19.34/share)

Shares O/S: 165 million (3% insider ownership)

Q1/21 Net Debt: \$415 million (senior secured notes, 3.7-4.9%CND)

\$754 million (\$0.95B secured bank facility)

\$1.17B (\$1.365B total capacity)

Enterprise Value: \$2.2 billion (\$6.00/share)

Full Time Employees: 55

#1 Horizontal Deep Basin Driller

"Peyto has been the most active driller in the Alberta Deep Basin over the last decade."

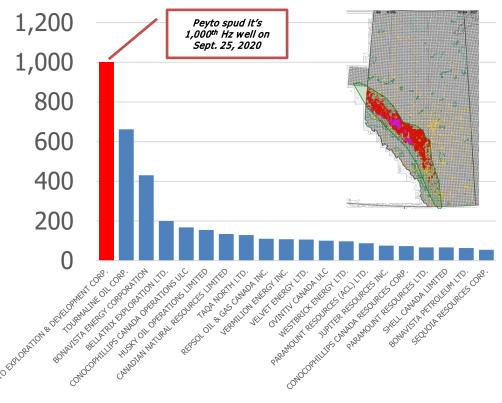




Peyto Deep Basin Horizontal Wells

(2009-Sept 2020)

Alberta Deep Basin Hz Spuds



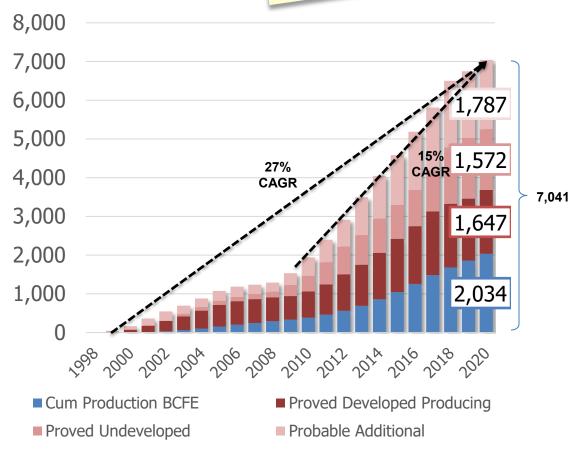
Alberta's Gas Developer

"Over the past 22
years! Peyto has
years! Peyto has
developed & TCFe of
developed as resources!
hot only developed

Mile of its lands."

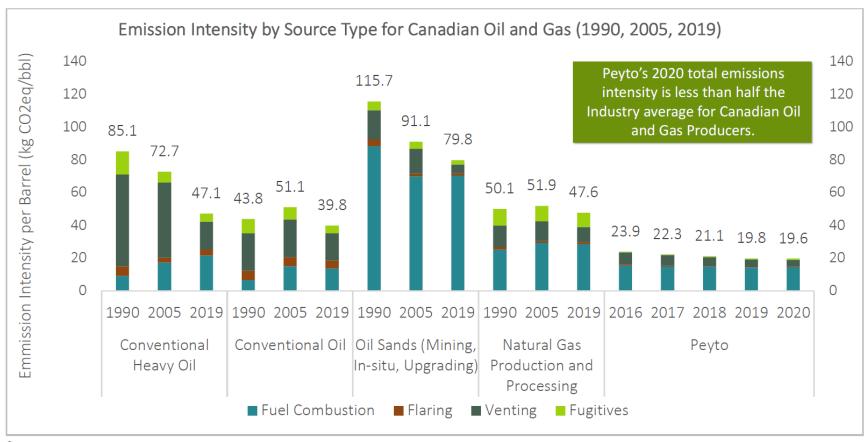
evelopment Corp.

TCFe of
Discovered Reserves



Environmental Leader

"Peyto provides
energy for the world
for far less
environmental impact
than even the rest of
the Canadian Gas
Industry."



Source:

NIR Greenhouse Gas Sources and Sinks in Canada, 2021 Edition, Part 1, Figure 2-25 (https://unfccc.int/documents/271493NIR).

Notes:

Intensities are based on total subsector emissions and relevant production amounts. They represent overall averages, not facility intensities.

*Calculated on a barrel of oil equivalent (boe) basis by converting production volumes to energy basis and then dividing by energy content of light crude oil.

Production data from Statistics Canada 1991-2017 and AER (2017)

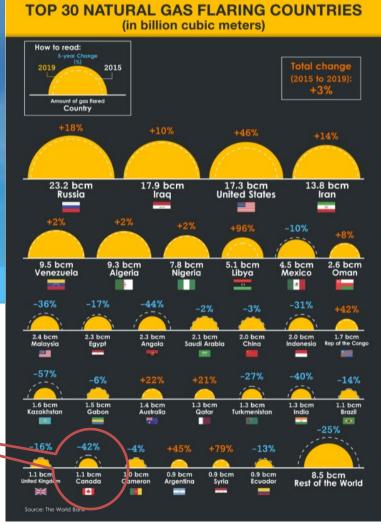
^{*}Original chart can be found at: https://www.canada.ca/content/dam/eccc/documents/pdf/climate-change/emissions-inventories-reporting/nir-executive-summary/National%20Inventory%20Report%20Executive%20Summary%202018.pdf

Canada Leads in Reducing Natural Gas Flaring

"The Canadian Energy Industry is one of the most responsible and innovative in the world today."



"Over the last 5 years,
Canada has been one of the
leaders in the reduction of
gas flaring. That's the
Canadian energy industry
hard at work to do it better!"



We Heat Your Homes

"Peyto is proud to provide Albertans with clean burning, reliable natural gas.



opment Corp.

"Alberta Energy states that typical Alberta households use approximately 120 GJ of natural gas per year. As the 5th largest Canadian gas producer, Peyto provided enough natural gas to keep millions of homes warm last year."



Natural Gas

- Safe
- Reliable
- Affordable







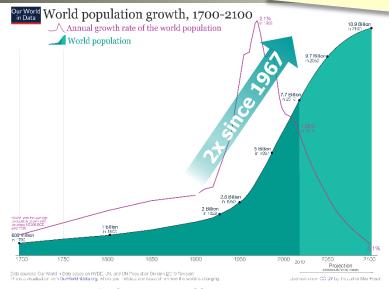
Solving The Impossible Challenge

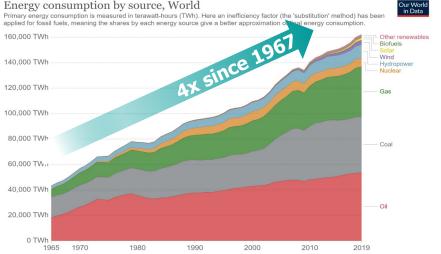
"The reality is that population will continue to grow and so will energy consumption."

Corp.

Q. How do we increase the amount of energy available for the growing human population...

...while <u>reducing</u> the environmental impact?



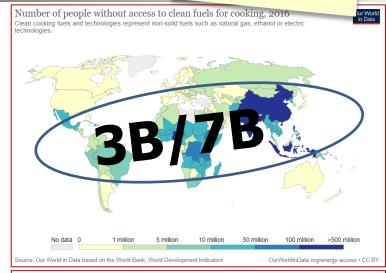


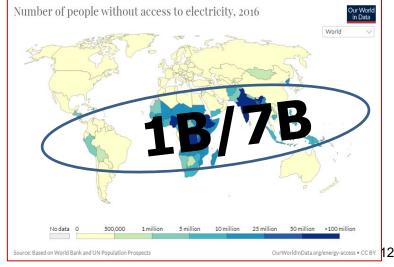
End Energy Poverty

"How do we get more and cleaner energy for the worlds poor to lift them out of poverty?"

"40% of the world do not have access to clean fuels for cooking"

"13% of the world do not have access to electricity"



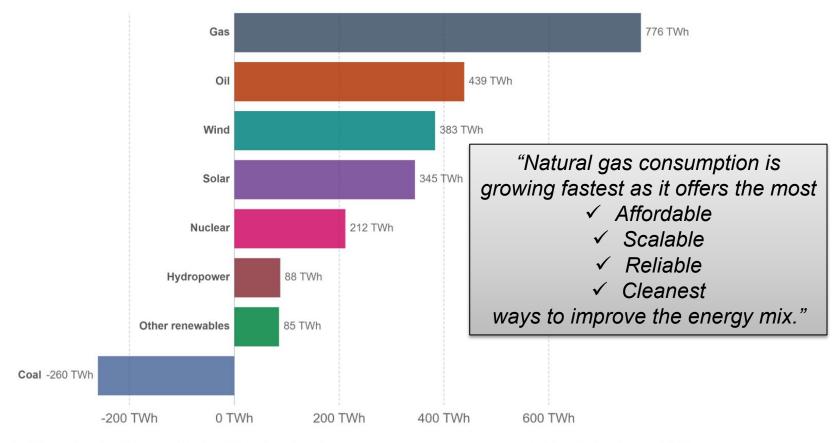


Improve Energy Quality?

"Natural gas is not the problem, it's the solution. That's why its use is growing faster than anything else."

Year-to-year change in primary energy consumption by source, World, 2019



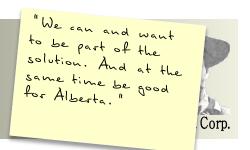


Source: Our World in Data based on BP Statistical Review of World Energy (2020)

OurWorldInData.org/energy • CC BY

Note: 'Primary energy' refers to energy in its raw form, before conversion into electricity, heat or transport fuels. Primary energy for renewables and nuclear is here measured in terms of 'input equivalents' via the substitution method.

How Can Peyto Help?



- ✓ Develop low cost, affordable natural gas
- ✓ Lower environmental impact of development
- ✓ Invest capital where we live
- ✓ Offer employment opportunities for Albertans
- ✓ Share our resources with the world

22 Year Growth Per Share

"Relative to our 22 year history, 2020 wasn't a standout year, unless you look closer."



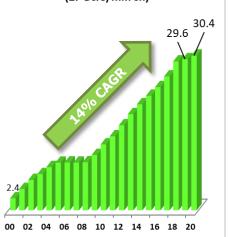
Production/share

(MMcfe/d/mm sh)



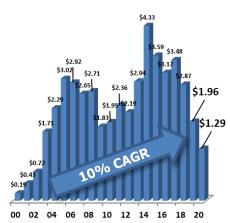
Reserves/share

(2P Bcfe/mm sh)

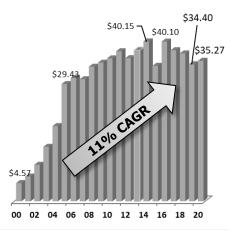


FFO/share

(\$/sh)



2P NPV₅/DA share (\$/sh)



YoY -1.5%

Production/share declined due to smaller capital program not quite offsetting declines +2.7%

Reserves/share increased due to increases in PDP reserves from an efficient drilling program -34%

FFO/share dropped due to the lowest realized commodity prices in a 22 year history (COVID-19 impact) +2.5%

NAV/share increased due to increased reserves, and lower future development costs

Record Low Total Supply Cost

"2020 was Peyto's toughest year with our lowest realized commodity prices, however we rose to the challenge with our lowest total supply costs."

2020

	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
PDP FD&A \$/mcfe	(\$2.25)	(\$1.64)	(\$1.44)	(\$1.36)	(\$1.18)	(\$1.55)	(\$1.06)
Cash Costs \$/mcfe	(\$1.08)	<u>(\$0.81)</u>	<u>(\$0.76)</u>	<u>(\$0.83)</u>	<u>(\$0.92)</u>	<u>(\$0.95)</u>	(\$1.01)
Supply Cost	(\$3.26)	(\$2.45)	(\$2.20)	(\$2.19)	(\$2.10)	(\$2.50)	(\$2.07)
Sales Price \$/mcfe	<u>\$5.04</u>	<u>\$3.83</u>	<u>\$3.18</u>	<u>\$3.38</u>	\$3.27	<u>\$2.78</u>	<u>\$2.23</u>
Full Cycle Netback \$/mcfe	\$1.71	\$1.38	\$0.98	\$1.19	\$1.17	\$0.28	\$0.16
Margin	34%	36%	31%	35%	36%	10%	7%
Dividend \$/mcfe	\$1.05	\$1.11	\$1.01	\$0.97	\$0.59	\$0.22	\$0.08

Land/Acq/Disp
Seismic
Drilling
Compl.
Wellsite
Facilities
\$235.7MM

ΔPDP (37 mmboes)

2020 FD&A = \$1.06/mcfe

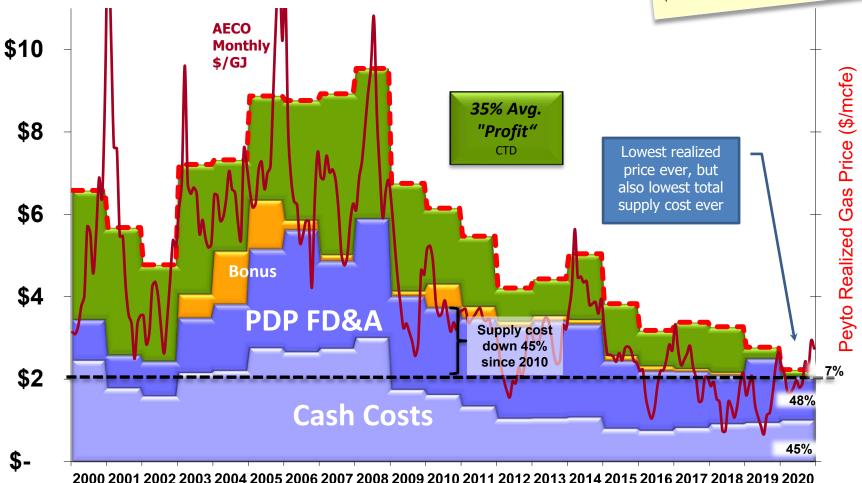
Royalties (\$0.13)
Opex (\$0.34)
Transport (\$0.17)
G&A (\$0.04)
Interest (\$0.33)
Total Costs (\$1.01)

86% Gas @\$1.51/GJ*1.15 HC 14% NGLs@\$31/bbl=(60%of\$520il) \$2.23/mcfe \$0.00/mcfe hedge gain/loss \$2.23/mcfe

Lowering The Bar

"We need to continue to reduce costs, particularly FDLA costs so that total FDLA costs are less than \$2.

That way we can preserve our historical 35% average profit margin at low gas prices."



Maintained Our Low-Cost Advantage

"We have a huge head start over the rest of the industry, including other Canadian gas producers, from a cash cost perspective."



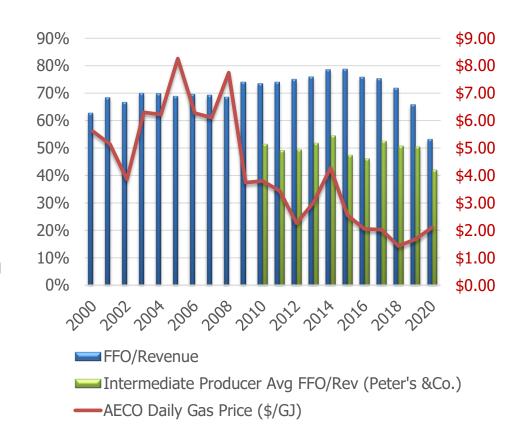
High Operating Margins

"While 2020 was a very difficult year on operating margins, Peyto maintained a sizeable advantage over the industry."



71%

Peyto Operating Margin Last 20 Year Avg.



ERH Wells "A Game Changer"

"The extended reach horizontal "ERH" well design opens up significantly more resource for Peyto to develop. This allows for greater future growth."

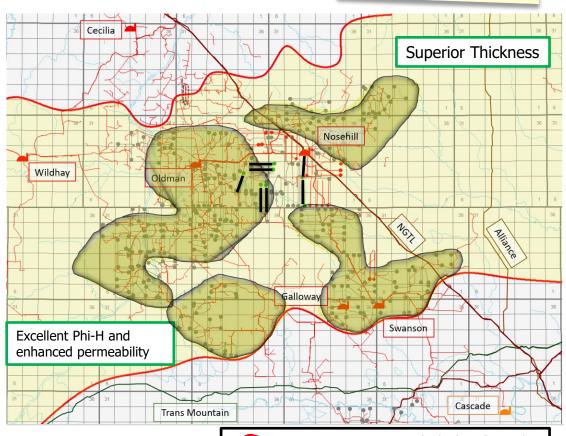
Greater Sundance Area Wilrich

2009 - 2020

- Drilled in the sweet spots
- 320 horizontals drilled to date
- \$1.1B invested to date
- 0.9 TCF developed (PDP) with ~45% recovered to date
- Avg length: 1,220 m, Stages: 10, Sand: 0.5 T/m

Go forward design

- Develop Tier 2 Areas
- New ERH Well Design
- Length: 2,400m+, Stages: 34 stages+, Sand: 0.75 T/m
- Expected EUR: 3.7 bcf/well
- D&C: \$3.33MM





Longer Horizontal Wells Increase IRR

"Peyto made big strides with its ever evolving well design, achieving material increases in return."

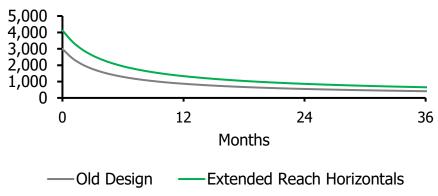
orp

Type Well Economics		Wilrich New Design - ERH	Wilrich Old Design
Gas	MMcf	3,772	2,343
NGLs	Mbbl	54	33
DCET (1/2 cycle)	M\$	3,694	3,197
Average Lateral Length	m	2,400	1,300
Frac Stages		34-35	10
F&D	(\$/Mcfe)	\$0.90	\$1.26
IRR (Internal Rate of Return)	%	<mark>37%</mark>	17%

Extended Reach Horizontal Wells (ERH)

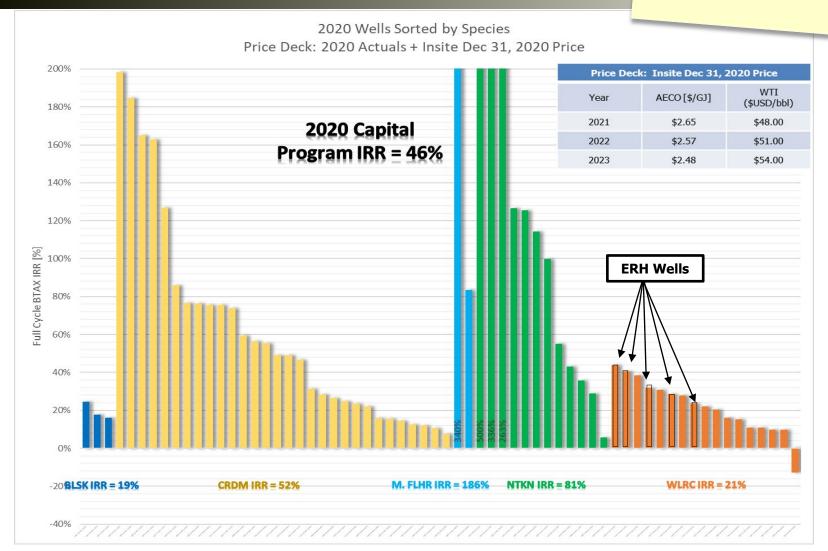
- Tested ERH wells in 2019 and 2020 to enhance economics in the Wilrich
- New design includes longer laterals and higher proppant intensity
- Apply new design concept in 2021 to the Middle Falher and Wilrich in other areas

Wilrich Production (Mcf/d)

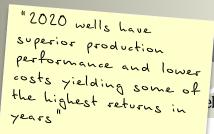


2020 Post-Mortem Returns Analysis

"2020 was diversified between Cardium and SR. Full cycle IRRs at the Feb 18/21 strip were even better at (48%."



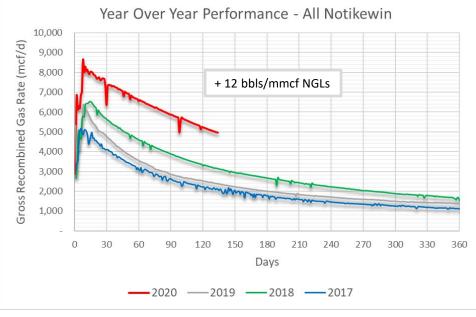
Production Performance by Vintage





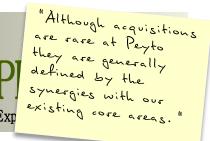


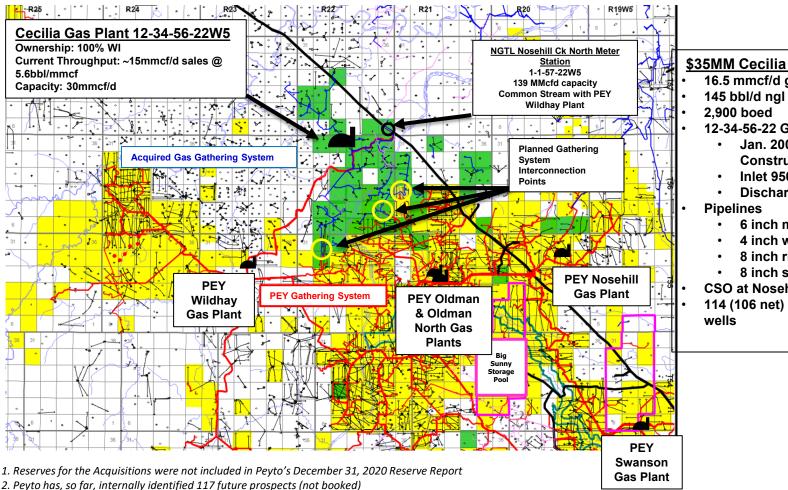
Drill & Complete Costs (MM)	2020	2018-19
Cardium	\$2.25 (30 wells)	\$2.56 (97 wells)
Notikewin	\$2.93 (12 wells)	\$3.04 (8 wells)



3. There will be many cost synergies between Cecilia and Peyto's other nearby gas plants

Year End Cecilia Acquisitions (Jan 1/21 effective)





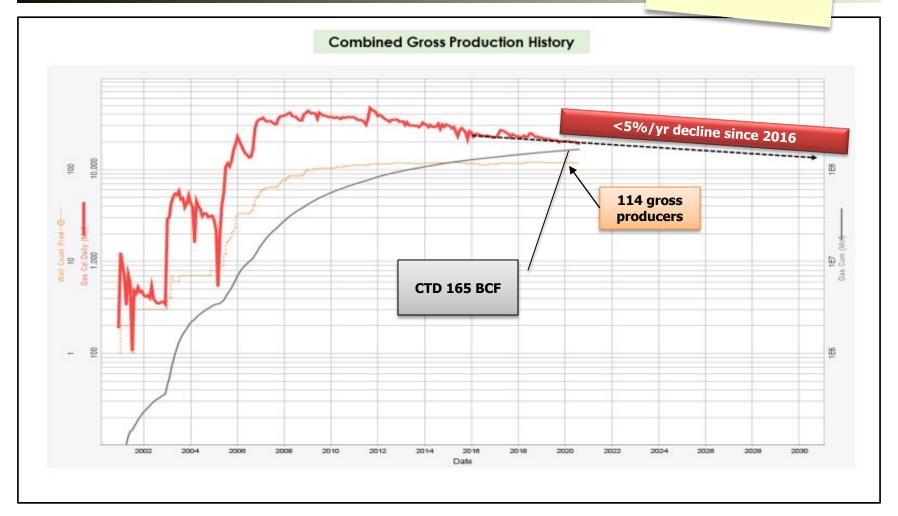
\$35MM Cecilia Acquisitions

- 16.5 mmcf/d gas
- 12-34-56-22 Gas Plant
 - Jan. 2005 Construction
 - Inlet 950 kPaa
 - Discharge 7,250 kPaa
 - 6 inch main stem
 - 4 inch well lines
 - 8 inch river crossing
 - 8 inch sales to NGTL
- CSO at Nosehill Creek N
- 114 (106 net) producing

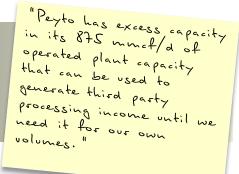
Cecilia Acquisitions – Ultra-low Decline

"The Cecilia wells exhibit extremely stable, low decline production ranging from 100 to 250 mcf/d/well."





Increased Facility Ownership And Control





Pevto Gas Plants

Galloway

Tangible Infrastructure (Replacement Value as at Dec 31, 2020)

80 Compressors (\$3.25MM each)	\$259 MM
17 Inlets (\$1.8MM each)	\$31 MM
20 Refrigeration plants (\$5.4MM each)	\$108 MM
12 Power Generation Sets (\$1.6M each)	\$19 MM
23 LPG Bullets (\$0.8MM each)	\$19 MM
14 Condensate Stabilizers (\$0.8MM each)	\$11 MM
18 Tanks, flares, MCC, Sales, VRU, etc (\$6.8MM per)	\$96 MM
1,462 Wellsite Separator Packages (net to Peyto)	\$408 MM
245 400bbl Tanks (\$45k each)	\$11 MM
2,248 km of gathering pipelines (4"-10" pipe)	\$562 MM
	¢1 E2

\$1,524 MM

Hidden

hill 📏 /S	
anson	YE 2020
	<u></u>

		Total	875 mmcf/d	99%	
	10	Cecilia	30 mmcf/d	100%	
	9	Cutbank	5 mmcf/d	100%	
	8	Brazeau West	150 mmcf/d	100%	
	7	Swanson	130 mmcf/d	100%	
	6	Kakwa	35 mmcf/d	100%	
	5	Oldman North	125 mmcf/d	100%	
	4	Galloway	60 mmcf/d	89%	Shut in
	3	Wildhay	90 mmcf/d	100%	
-	2	Nosehill	125 mmcf/d	100%	
-	1	Oldman	125 mmcf/d	100%	
			<u>1E 2020</u>	<u>vv i</u>	

Brazeau

Whitehorse (on hold)

Successful Reserves Conversion, Again

"Peyto was again successful in turning predicted undeveloped reserves into actual producing reserves for less cost per unit than forecast."

Reserve Year	Total Drills	Booked Locations Converted	Booked/ Total	Forecast	Outcome	Forecast Cost per Unit	Actual (Outcome	Actual Cost per Unit	Actual/ Forecast Cost per Unit	
	gross wells	gross wells		BCFe	Capex* \$MM	\$/Mcfe	BCFe	Capex* \$MM	\$/Mcfe		
2010	48	30	63%	84	\$123	\$1.46	102	\$138	\$1.35	-8%	1
2011	70	51	73%	152	\$214	\$1.41	151	\$209	\$1.38	-2%	
2012	86	60	70%	189	\$295	\$1.56	196	\$278	\$1.42	-9%	
2013	99	69	70%	206	\$332	\$1.61	218	\$310	\$1.42	-12%	Lowest c
2014	123	90	73%	278	\$417	\$1.50	288	\$419	\$1.45	-3%	in 18 yea
2015	140	103	74%	307	\$456	\$1.49	348	\$385	\$1.11	-26%	
2016	128	82	64%	254	\$297	\$1.17	254	\$246	\$0.97	-17%	
2017	142	97	68%	298	\$295	\$0.99	321	\$305	\$0.95	4/%	
2018	70	37	53%	104	\$115	\$1.10	120	\$118	\$0.98	-11%	
2019	61	39	64%	129	\$111	\$0.86	123	\$109	\$0.88	+2%	
2020	64	52	81%	172	\$158	\$0.92	165	\$135	\$0.82	-11%	
Total	1,031	710	69%	2,173	\$2,813	\$1.29	2,286	\$2,652	\$1.16	-10%	

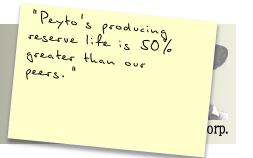
Hidden Value!

Over the past 11 years, Peyto has converted 710 drilling locations into producing wells, spending 6% less capital than predicted and developed 5% more reserves than predicted.

Future Booked

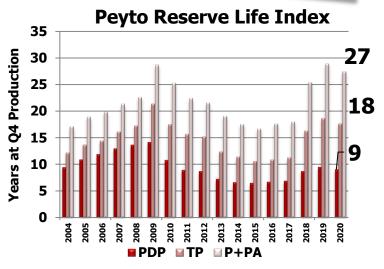
2021- 2026		1,230		3,000	\$3,308	\$1.10				
---------------	--	-------	--	-------	---------	--------	--	--	--	--

Long Producing Reserve Life Maintained











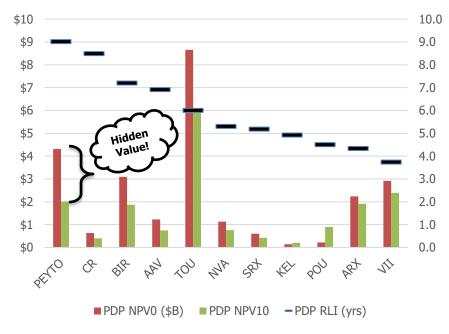
Long Cashflow Generating Asset

"Peyto has \$2.38 in undiscounted producing reserves value that never gets recognized but will ultimately be realized."



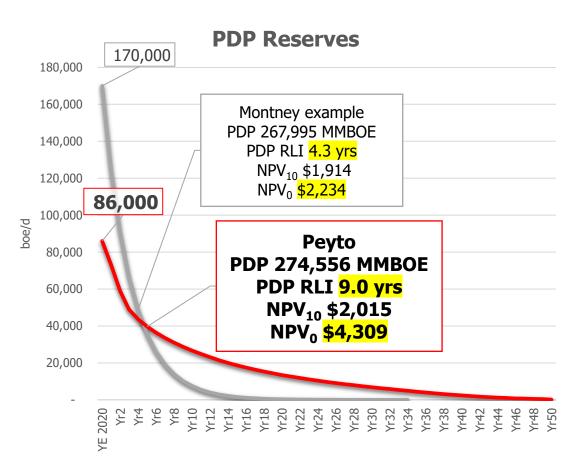
PDP NPV₀ versus NPV₁₀

PDP Reserves NPV and RLI



Reserves Option Value – Montney Comparison

"A 10% discount rate wipes out any value beyond 8 years. For most, that is immaterial but for Peyto that wipes out over half of the producing value."



- Peyto has the same PDP reserves as Montney player at YE 2020.
- Peyto's PDP reserves are ultimately much more valuable as they are on production longer.
- Montney reservoirs require twice the peak production to extract them which means twice the processing capacity, more expensive completions.
- The shorter the reserve life and smaller undiscounted ultimate value means there is less collateral for leverage.

Continuously Improving Emissions

"We are continuously improving our environmental performance, lowering emissions every year!"

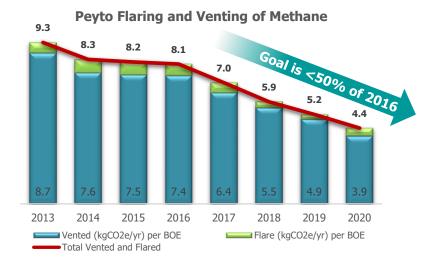
Peyto GHG Emissions Intensity

-32%

in GHG Emissions Intensity*

-53%
In Flared/Vented Methane*





^{*}Peyto strives to maintain an accurate GHG emissions inventory from its operations. As such, we go above and beyond currently mandated quantification requirements of vented methane emissions. This proactive approach will facilitate us in mitigating variations in our GHG inventory when the AER implements updated D60 and D17 regulations. For comparative purposes, Peyto's total emissions and emissions intensity will be greater than other industry participants who are currently only reporting mandated quantification requirements. Historical emissions may change in future publications as new data becomes available and our greenhouse gas inventory is refined.

Less Impact on Land and Water

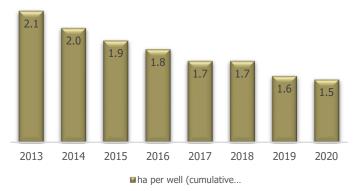
"We have made tremendous gains since 2016 on our Methane emissions, minimizing our land use and recycling our water!"

Corp.

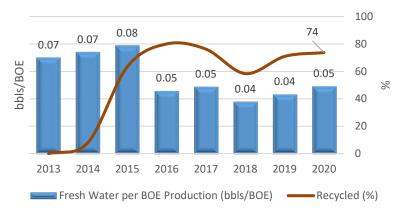
-28% in Surface Land Use

74% of Water Recycled

Peyto Land Use Reduction



Freshwater Use and Flowback Recycling



^{*}Peyto strives to maintain an accurate GHG emissions inventory from its operations. As such, we go above and beyond currently mandated quantification requirements of vented methane emissions. This proactive approach will facilitate us in mitigating variations in our GHG inventory when the AER implements updated D60 and D17 regulations. For comparative purposes, Peyto's total emissions and emissions intensity will be greater than other industry participants who are currently only reporting mandated quantification requirements. Historical emissions may change in future publications as new data becomes available and our greenhouse gas inventory is refined.

Peyto's Returns

Updated Template Economics At Strip

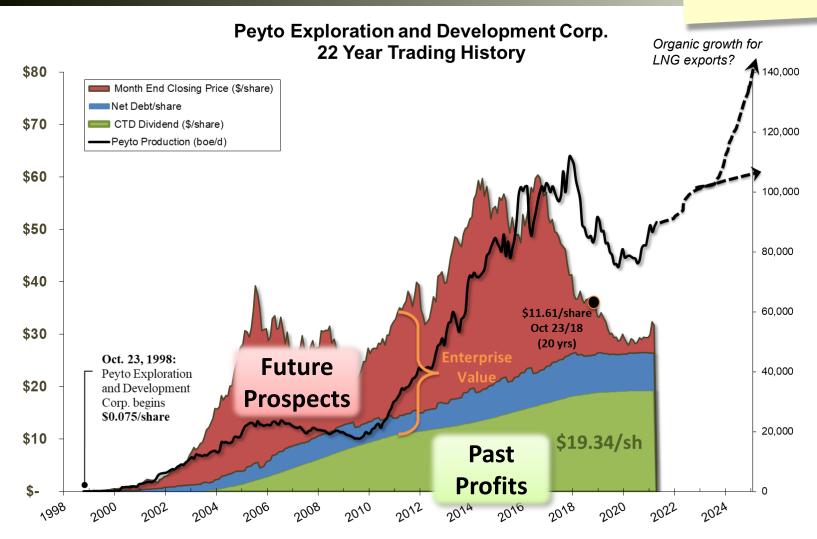
"Even at the current strip, most of Peyto's play types are generating solid half cycle returns. And we have plenty of room in our gas plants for these wells."

	Bra	zeau / Chamb	ers	Greater Sundance					
	Cardium	Notikewin	Wilrich	Notikewin Tier 1	Notikewin Tier 2	Wilrich ERH	Falher ERH	Cardium	
Gas [MMcf]	2,605	4,348	4,921	4,753	2,242	3,774	4,502	1,567	
NGLs [Mbbl]	149	122	76	50	37	54	70	90	
EUR _{Gas} [Mmcfe]	3,501	5,079	5,376	5,054	2,461	4,100	4,921	2,108	
EUR _{BOE} [Mboe]	583	846	896	842	410	683	820	351	
IP ₁₂ [Mcfe/d]	2,510	3,170	3,138	4,106	2,185	2,340	2,772	1,467	
DCET _{1/2-Cycle} [M\$]	3,010	4,110	4,060	3,210	3,160	3,700	3,960	2,710	
IRR [%]	194%	79%	52%	131%	41%	37%	44%	64%	
Payout [years]	0.7	1.2	1.7	0.8	2.0	2.2	2.1	1.3	
NPV10 [M\$]	4,781	4,455	3,328	4,183	1,416	2,094	3,046	1,924	

Price Deck:	May 10, 2021 Strip
Project Start:	6/17/2021
Onstream Date:	8/1/2021

Total Shareholder Return Model

"Our track record of success is defined by our past profits. Our plan is to continue this trend, despite how the market currently values our future prospects."

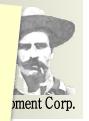


34

Peyto's Returns

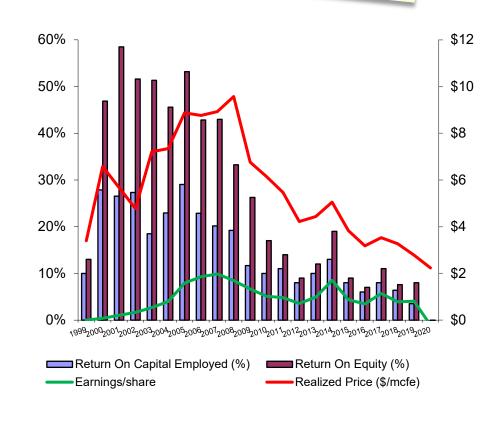
High Returns On Your Capital And Equity

"Investors rarely get to participate in the wells themselves, making type well economics somewhat meaningless. ROE and ROCE are the returns investors get, after deducting corporate costs."



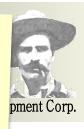
26% 22 yr Avg ROE to 2020

15% 22 yr Avg ROCE to 2020



Peyto's Future 2021 Outlook

"2021 will continue to be a flexible year depending on the natural gas price outlook and seasonal dynamics regarding summer prices."



\$300M-\$350M

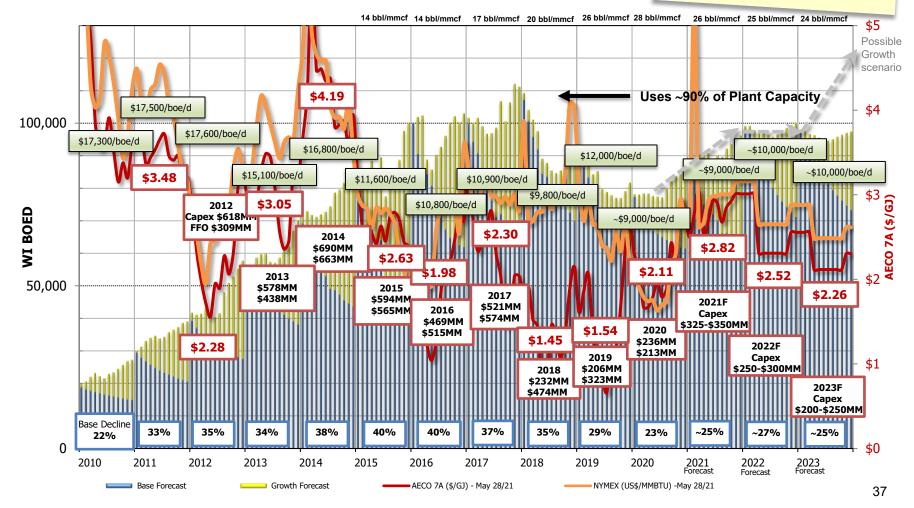
2021 Capital Program

- ✓ Drill ~80Hz Wells
 (Liquids Rich Natural Gas) vs 65 in 2020
- ✓ Market 3rd Party Capacity
 Offer Excess Capacity to Other Operators
- ✓ Increase Opportunities
 Undeveloped Land Base
- Diversify Markets
 Evaluate New Pipe Options
- ✓ Improve Balance Sheet
 Fund capital program entirely from free cashflow

Peyto's Future

Gas Price Stability Before Returning to Growth

"The outlook for production and capital is very fluid, contingent on the futures curve for AECO/NYMEX gas prices which are changing rapidly. Peyto is nimble and can respond quickly with ramped up drilling or production shut-ins/deferrals.



^{* 2020} and beyond provided for illustration only. Budgets and forecasts are subject to change due to a variety of factors including but not limited to prior year's results. FFO – Funds from Operations, see definition in Financial Reports. Future illustration derived from historical well performance and cost assumptions.

Peyto's Future

Lower Costs to Preserve Profit

"We must drive down our costs further to protect against a prolonged low gas price. There are no guarantees it will ever go higher. Hope is not a strategy, but cost control is."

	PEY 2018	PEY 2019	PEY 2020		2021 PEY Goals	<u>S</u>
Revenue \$/mcfe	\$3.27	\$2.78	\$2.23	86% Gas @\$2.11/GJ*1.15 14% NGLs@\$31/bbl=(60%of \$52oil) \$2.81/mcfe -\$0.58/mcfe diversifitcation \$2.23/mcfe	\$3.30	87% Gas @\$2.80/GJ*1.15 13% NGLs@\$47/bbl=(60%of \$78 CND WTI) ~\$3.80/mcfe (before market diversification & hedging)
Cash Costs \$/mcfe	(\$0.92)	(\$0.95)	(\$1.01)	Royalties (\$0.13) Opex (\$0.34) Transport (\$0.17)	(\$1.00)	Volumes up, per unit costs down Transport cost up to ensure higher price
Capital Costs (PDP FD&A) \$/mcfe	(\$1.18)	<u>(\$1.55)</u>	(\$1.06)	G&A (\$0.04) Interest (\$0.33) Total Costs (\$1.01)	(\$1.00)	Capex down (incr drill speed) Reserves up (long lateral, increase increase)
Total Supply Cost \$/mcfe	\$2.10	\$2.50	\$2.07	2020 PDP FD&A Land/Acq/Disp Seismic Drilling Compl.	\$2.00	incr frac intensity)
Full Cycle Netback \$/mcfe	\$1.17	\$0.28	\$0.16	Wellsite Facilities \$236MM PDP FD&A \$6.36/boe or	\$1.30 40%	
Dividend \$/mcfe	\$0.59	\$0.22 \$1.32/yr	\$0.08 \$0.72/yr	\$1.06/mcfe \$0.09/yr	gen \$2.	Peyto can eventually erate a 47% profit from .80 AECO gas and \$65 WTI oil, all because of low supply cost

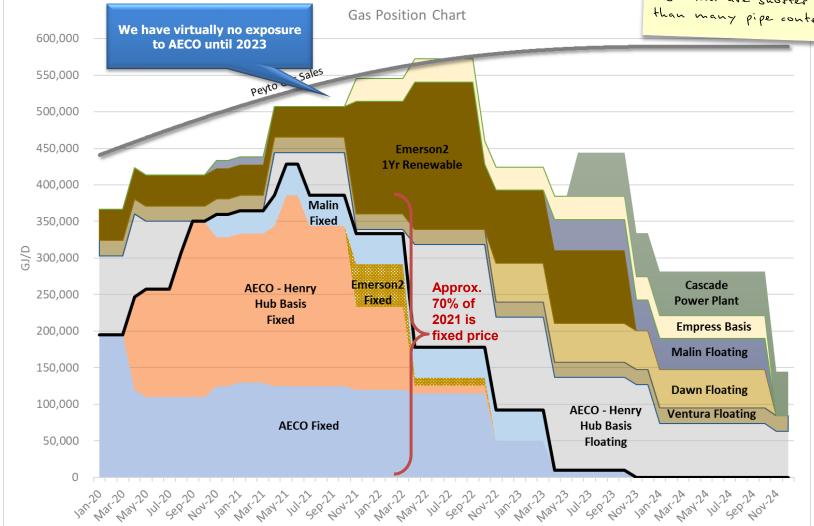
38

5/31/2021

Gas Marketing

Future Market Diversification and Gas Price Protection

"Peyto has used financial basis deals between AECO and other hubs to gain market diversification and allow us to hedge at various markets. Basis deals have very little physical deliver risk and are shorter term than many pipe contracts."

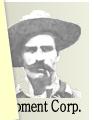


Gas Marketing

LNG Consortium and Export Potential

"Peyto is part of a 10 company consortium looking at potential LNG export options.

We are not big enough to go it alone but combined we are.





ESG 2021 ESG Report is Coming!

"Peyto's innagural
2021 ESG report is on
its way. Look for it
on the website in
June."



2021 ESG Report

Sustainable Energy through Operational Excellence



ENVIRONMENT SOCIAL GOVERNANCE