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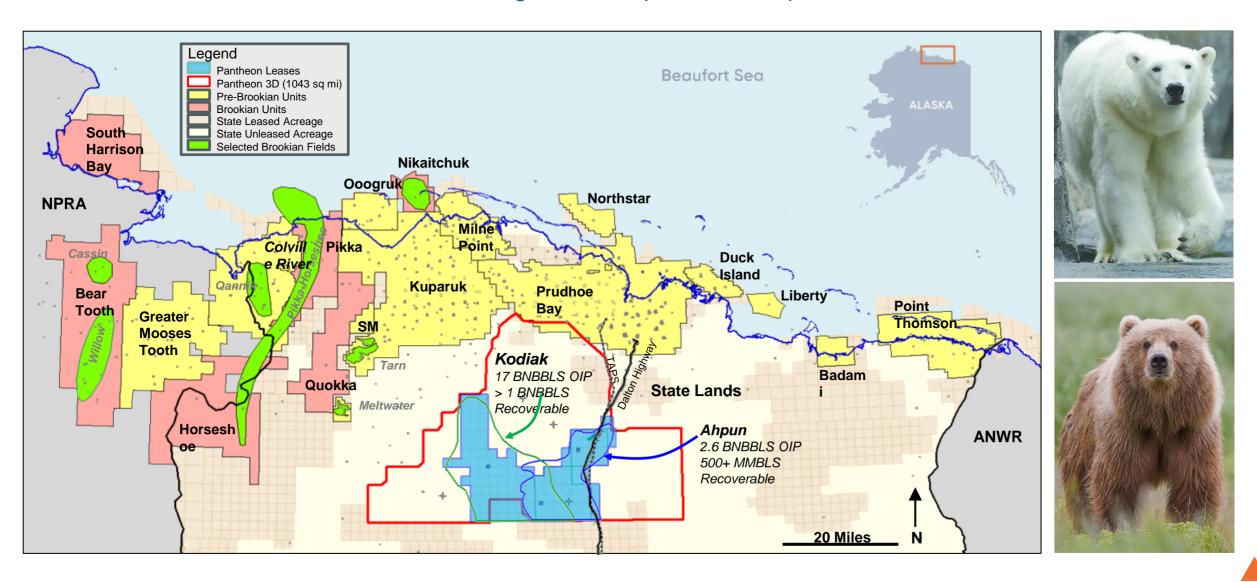
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Pantheon Assets In Context

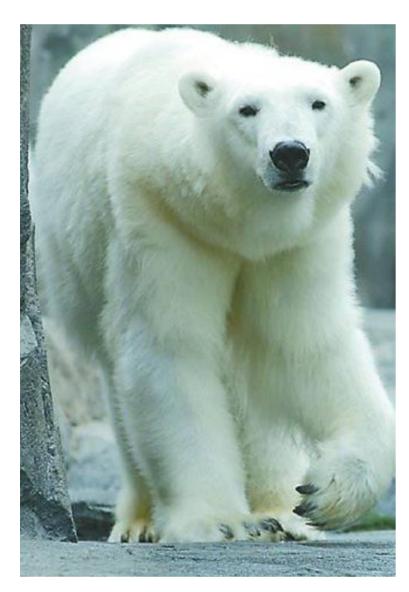


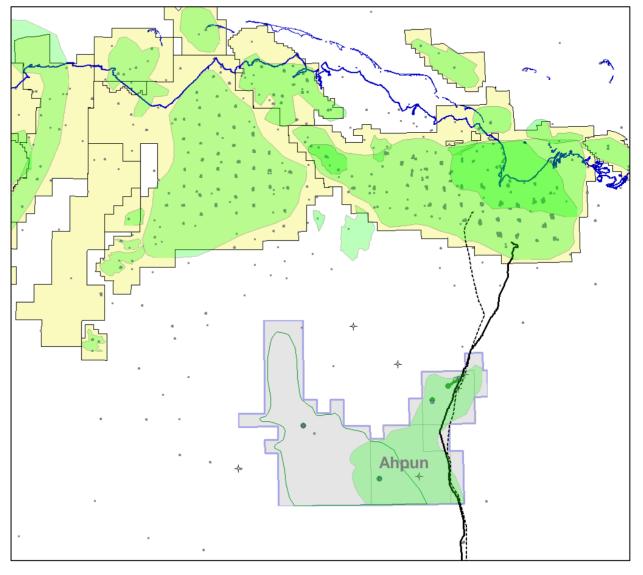
We have discovered and appraised two wholly owned, giant fields on Alaska's North Slope, close to infrastructure. We are now moving to development of Ahpun and Kodiak



Ahpun Field







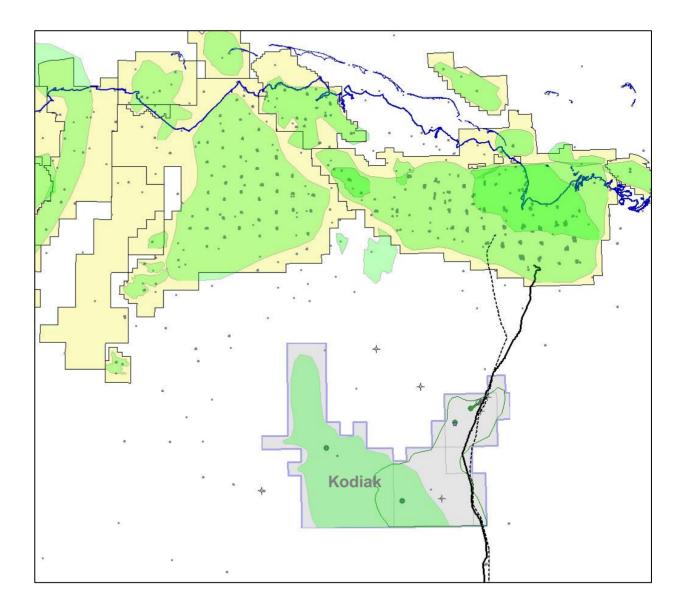
Named after the beloved, long-time resident polar bear at the Alaska Zoo (1998-2017)



Kodiak Field









Pantheon's Strategic Plan



Objective

Deliver sustainable market recognition of a value of \$5 – \$10 per barrel of 1C recoverable resources

Goals

- Final Investment Decision (FID) on aggregate 2C recoverable resource of 2 bn bbls
 TAPS liquids across Ahpun and Kodiak fields
- Sufficient net operating cashflow to fund all future development and production growth
- 20,000 bbls/day production into TAPS

Requirements

- Net capital (equity, reserve lending, asset level, etc) requirements of ~ \$350 million over five years to develop 2 bn bbls of recoverable oil
- 30 optimally fracked 10,000ft laterals from Alkaid & Phecda pads
- Processing facilities for 20,000 bpd marketable liquids including water and gas reinjection wells.
- · Hot tap into TAPS main oil line

Key Additional Activities

- Establishment of Houston headquarters
- Hiring advisors on US listing strategy
- Development permitting for Ahpun Field



Two Giant Fields (Ahpun & Kodiak) plus Three Further Discoveries (Slope Fans, Kuparuk, and Upper Basin Floor Fan)



Ahpun Field

- Underlies Alkaid & Talitha Units
- Incorporates reservoirs between regional top seal and Hue shale

Kodiak Field

Underlies Theta West/Chimney
 Areas and Talitha Unit

Other Discoveries

Slope Fans, Kuparuk, and Upper Basin Floor Fan Discoveries

Stage 1

- accessible from pads within Dalton Highway corridor
- 200-300 mmbbls EUR. \$300 million net cash investment to achieve positive net operating cashflow¹

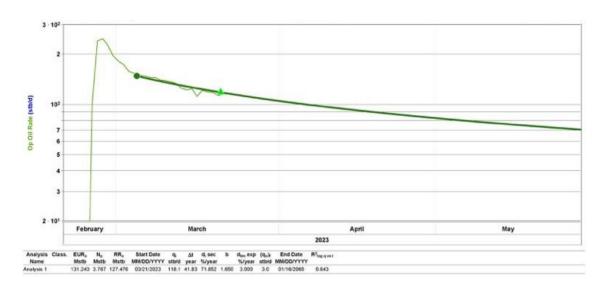
Stage 2

- additional pads up to 5 miles from Dalton Highway corridor
- 300-500 mmbbls EUR. Initial Stage 2 development capex funded from Stage 1 net operating cashflows¹
- 3 further appraisal wells to reach FID. \$50 million capital investment
- Multiple pads up to 10 miles from Dalton Highway and TAPS corridor
- 1.5 bn bbls EUR¹
- Development capex funded from net operating cashflows of Ahpun Field Phase 1 and Phase 2 developments
- Appraisal drilling to follow FID of Kodiak Field Development
- Best Estimate Prospective Recoverable Resources more than 500 mmbbls¹



Alkaid 2 Well Test Data – Actual and Projected





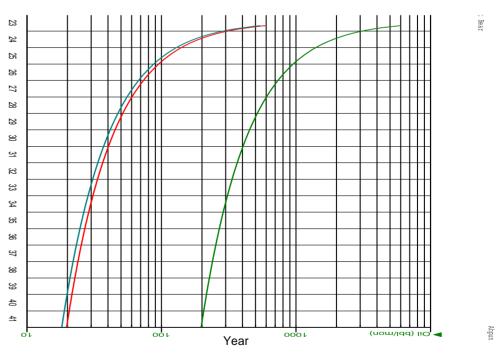


Alkaid 2 (as completed)

- EUR: 0.26 mmbbls,
- IP30: 505 bpd (pipeline liquids*)
- Remaining NPV₁₀ at \$70/bbl: approx \$6.5 million

Based on actual Alkaid 2 well performance (decline curve extrapolation and revised completion modeling)

* Oil, Condensate & NGLs



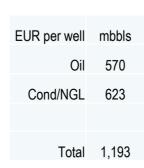


Ahpun Field Development Well Modeled Economics



(Company estimates)





Initial Investment		Discount Rate	NPV (millions)
(millions)	\$13.0	5%	\$35.8
,		8%	\$31.2
PIR (10%		10%	\$28.7
DCF)	2.8	12%	\$26.6
Payout (Years)	0.66	15%	\$23.9
IRR	350%	20%	\$20.5

Optimised completion vs Alkaid 2 actual (Incremental well after initial facilities installed)

- EUR: 1.2 mmbbls vs 0.3 mmbbls,
- IP30¹: > 1,500 bpd vs 500 bpd (pipeline liquids²)
- NPV₁₀ at \$70/bbl: \$29m and \$13m well cost
- Discounted PIR³: 2.8x IRR: > 300%

Based on actual Alkaid 2 well performance (decline curve extrapolation and revised completion modeling)

- 2x performance increase estimated based on 10,000ft lateral vs 5,000ft at Alkaid 2
- 2-4x performance increase estimated based on optimised frac design



¹Total IP30 Well Stream estimated approx 1,500 bpd and 3-5 mmcfd wet gas (containing condensates and NGLs) with 50% Water Cut

² Oil. Condensate & NGLs ³ Profit to Investment Ratio

Evolution of Fracs in New Basins - Alkaid 2 Well Up Learning Curve





Hybrid, linear, and cross-link gel systems create good conductivity (high flow capacity at wellbore) but do not create the frac complexity (surface area contact) that slick water does.



Low treating rates lead to low frac complexity



30/50 proppant tends to screen out and flow back frac sand easier, resulting in excessive workovers to clean out sand from wellbore.

Generation	Gen1	Gen 2	Gen 3	Gen 4	Alkaid 2
Pump Rates	60-70	75-90	75-80	75-80	75
Fluid type	Linear gel system	Linear & xlink gel	Slick water	Slick water	Slick water
Stage Size	250 -300	210-220	<mark>150</mark>	180-190	110-219
Perf Cluster/ spacing per stage	45-50	45-50	45-50	18-25 ft	18-25
Number Perfs	<mark>72</mark>	55	40	48	72
Fluid Volume (bbls/ft)	20-25	20-25	35-40	55-65	30-35
Sand Volume (lbs/ft)	1000-1500	1500 -2000	2500-3000	2300-2500	1600-1700
Sand size	100 mesh & 40/70	100 mesh, 40/70 & 30/50	100 mesh, 40/70	100 mesh, 40/70	40/70 & 30/50 17% 30/50
Max Sand concentration (PPG)	2-2.5	<mark>4-5.0</mark>	2-2.25 ppg	2-2.25 ppg	3-4
Percentage of 100 mesh	<mark>15-20%</mark>	15-20%	45 %	55-65%	0
comments	Focus on maximize frac stages to minimize costs	Focus on building high sand pack near wellbore (wider fracture)	Limited number of perfs to achieve a limited entry	Higher fluid volumes per lateral ft, Closer cluster spacing on perfs, Increased 100 mesh	Over perforated (ideal 2bpm)

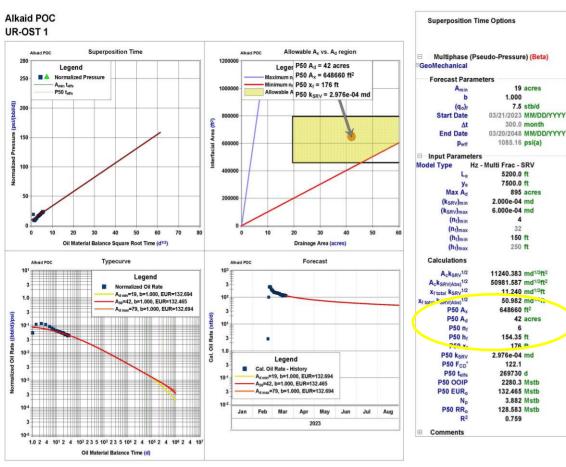


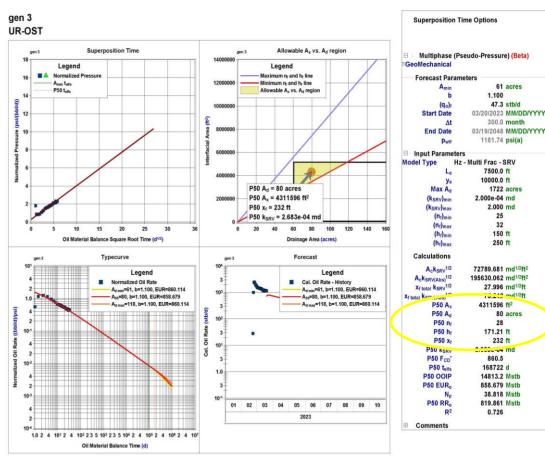
^{*}Highlighted areas represent Alkaid 2 design vs planned design

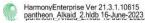
Material Balance comparison of base frac and upside frac

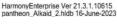


Ultimate recovery improvement expected from 3rd Gen frac design (Company estimates)









Alkaid 2 (Est Costs vs Outturn)

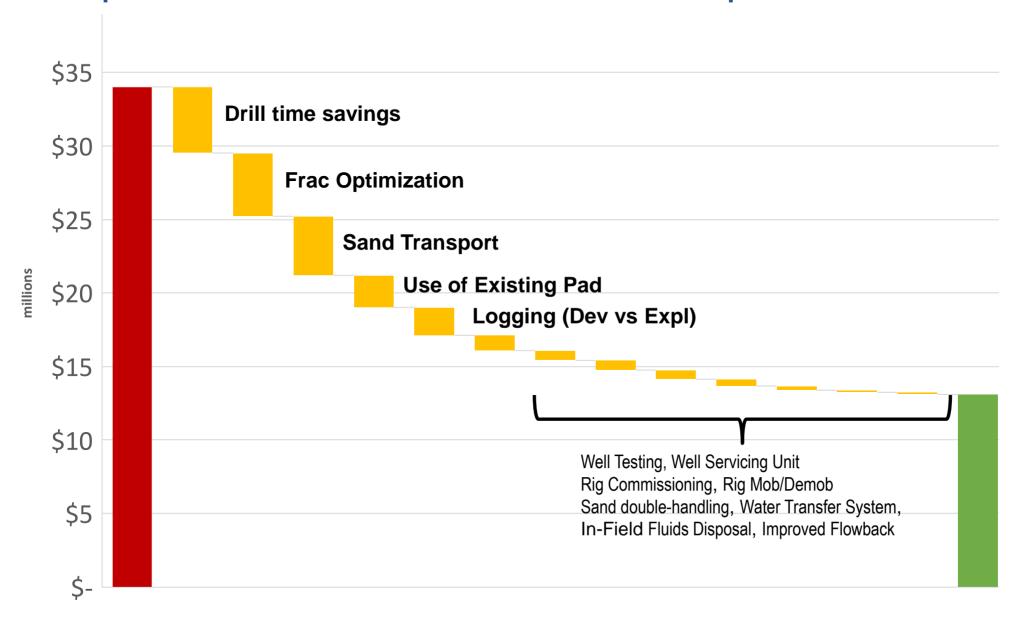


	Estimate Fall 2021	Actual Fall/Winter 2022/23	Delta	Note
Number of Days	65	69	4	Problem with kickoff plug
Total Rig Cost	3.11	3.37	0.26	General inflation
Tubulars/Cementing	0.85	1.46	0.61	General inflation
Logging	1.08	3.18	2.10	More intensive MWD/LWD logging suite
Workover Rig	0.18	1.22	1.04	Single option from Hilcorp after contractor rig failure
Drilling Total	5.22	9.23	4.01	
Frac				
Pumping	1.35	5.42	4.07	Single vendor and pumps mobilised from lower 48
Chemicals	0.08	2.82	2.73	Single vendor "corkage"
Sand	4.20	5.88	1.68	Fuel price escalation for handling sand
Frac Total	5.63	14.12	8.48	
Other	10.74	10.68	(0.07)	Camp, transport etc
Total D&C	21.60	34.02	12.42	



Development Well Cost – Path to \$13m per Well (Company estimates)







Ahpun Field Development Project – Stage 1 (Company estimates)

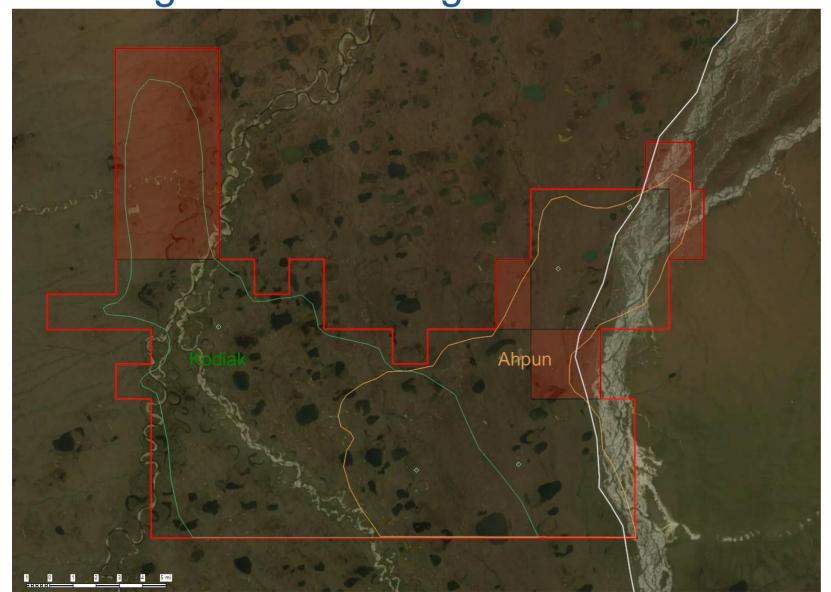


- Development permitting and TAPS main oil line connection (hot tap) ~2 miles north of Alkaid pad to be completed in ~24 months
- Batch drilling and completion of first 4 production wells and water/gas disposal wells as required to begin in ~21 months
- Upgrade of initial modular production system to incorporate NGL stripping to maximize marketable liquids volumes (planned for eventual relocation to Central Processing Pad) – to be completed in ~27 months
- Initial depletion would be conducted from the two already permitted pads (Alkaid and Phecda) with production sent directly to TAPS main oil line from initial modular production system:
 - The Quality Bank adjustment expected to result in 10% shrinkage factor through TAPS (Ahpun Field export volume vs ANS lifted volume at Valdez)
- Excess associated gas not used to produce electricity, along with produced water, to be re-injected into the reservoir to enhance oil recovery



Update on New Acreage Acquired in 2023 Securing the Remaining Portion of the Kodiak Field



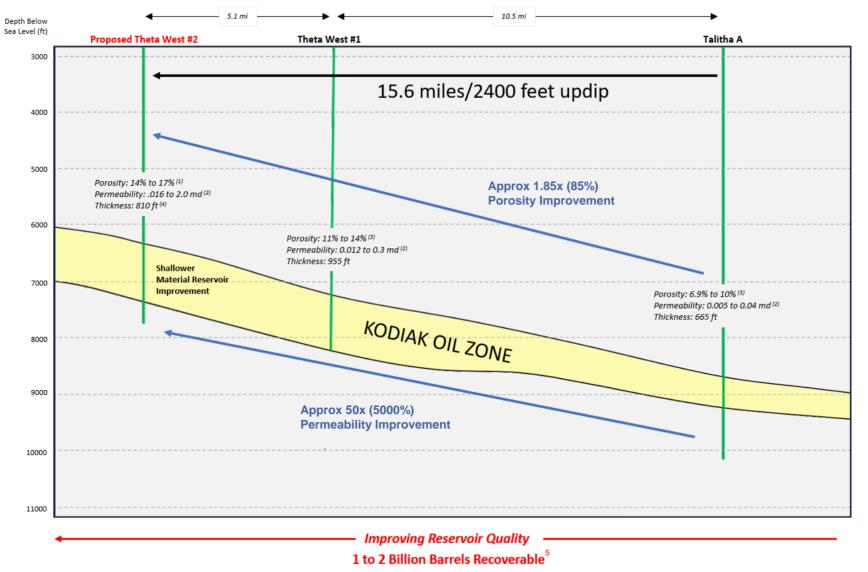


- Extends Pantheon's ownership of the Kodiak Field (f/k/a Basin Floor Fan) updip to the northwest
- Extends Pantheon's ownership of the Ahpun Field to the northeast
- Provides continuity between the Alkaid and Talitha Production Units



Major Reservoir Quality Improvement Expected Updip in Kodiak Reservoir⁵





⁽¹⁾ P50 to P10 projection from Theta West #1 based on maximum depth of burial

⁽²⁾ Low estimate based on best fit core measurements; high estimate based on observed regional relationships

⁽³⁾ P50 and P10 porosities from log data

⁽⁴⁾ Based on seismic da

⁽⁵⁾ Company Estimates and Analysis. Unless otherwise stated, volumes are marketable pipeline quantities exported to TAPS

Bringing Capital Formation to Pantheon's Strategic Core



Pantheon will seek investment from multiple channels:

- Asset level
 - farm-in or other structures (including swap or acquisition of complementary assets)
- Corporate level
 - equity and debt (reserve backed lending) markets
 - Non-traditional including vendor financing, pre-sales of production (VPP) etc

We will prefer to finance the business conservatively to ensure future funding is secured from a position of strength and always select the approach that minimizes expected value dilution over the period up to cashflow breakeven

Our ability to access capital and minimize value dilution to shareholders will be a function of how effectively we execute our strategic plan



Pantheon's Strategic Plan



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Requirements	 Net capital (equity, reserve lending, asset level, etc) requirements of ~\$350 million over five years to develop 2 bn bbls of recoverable oil 30 optimally fracked 10,000ft laterals from Alkaid & Phecda pads Processing facilities for 20,000 bpd marketable liquids including water and gas reinjection wells. Hot tap into TAPS main oil line
Key Additional Activities	 Establishment of Houston headquarters Hiring advisors on US listing strategy Development permitting for Ahpun Field



Illustrative Time Line



Investor & industry partner engagement to secure mix of funding for Pantheon's strategic goal: to deliver \$5-\$10/bbl by 2028 while minimizing value dilution to investors

