



X P L O R E • C O M M E R C I A L I S E • D E V E L O P

Investor Presentation

November 2019



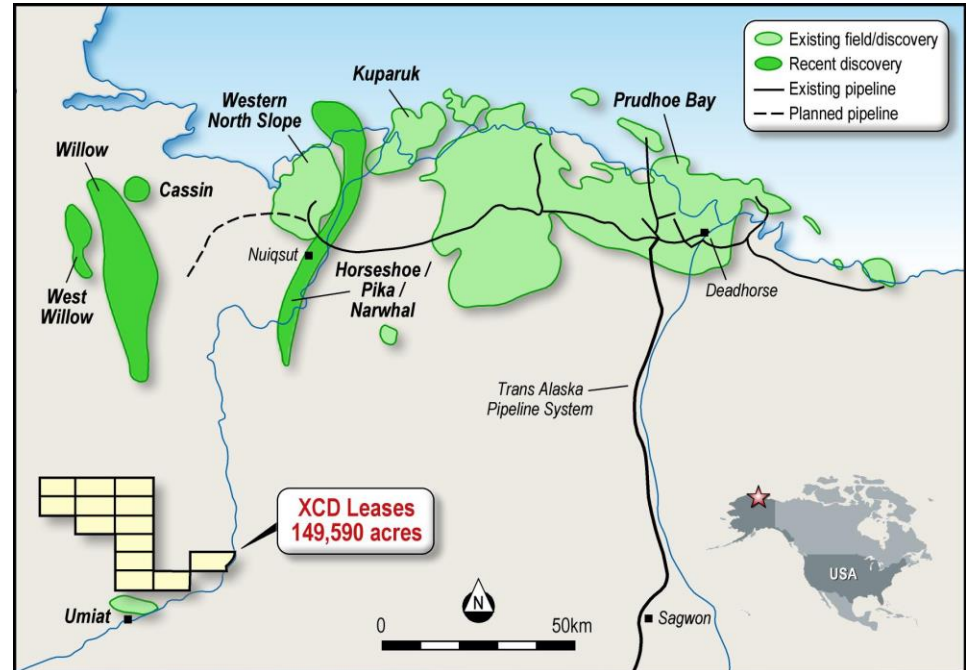
Why Alaska North Slope?

- One of the worlds Super Basins
- Basin has produced >16 billion of barrels of oil to date and estimates of **28 billion barrels of remaining resources**
- Recent discoveries of >1 billion barrels (Willow and Pika) of **conventional oil**
- New entrants providing **resurgence of exploration and development activity** on the North Slope
- Ability for small explorers to secure large contiguous footprints in a highly prospective oil play (**Nanushuk**)
- Additional “room to move” to **expand lease position** at relatively low cost



Why XCD for North Slope exposure?

- Recent acquisitions by Hilcorp (US\$5.6B), Oil Search (US\$0.4B) and new entrant Premier Oil driving **activity** on the North Slope
- New ideas for **low cost (shallow) drilling** options being pursued by XCD in conjunction with local drilling contractors
- 100% Working Interest provides optionality with respect to future well funding (e.g. **farmouts, co-funding**)
- XCD **fully funded** (post closing of Tranche 2 placement) to pursue farmout and pursue low cost drilling options



XCD's 100% Working Interest lease position ~35km south of the Willow oil discovery being developed by ConocoPhillips

Corporate Snapshot



PRO FORMA CAPITAL STRUCTURE (Post T1 and T2 Capital Raise)

Current
(million)

Ordinary Shares (ASX:XCD)	700
Capital Raise Options (plan to list)	117
Unlisted Options (4.0 - 9.6 cents)	26
Performance Shares (Milestones)	20
Market Capitalisation (at 0.8c)	\$5.6
Cash at Bank (30 Sept 2019 pro-forma)	\$3.2
Enterprise Value	\$2.4

BOARD AND MANAGEMENT

Peter Stickland – Non Executive Chairman
Previous Managing Director of Tap Oil and Melbana Energy and Honorary Life Member of APPEA

Dougal Ferguson – Managing Director
Previously Managing Director of Elixir Energy Limited and prior international experience with Premier Oil and Hess Corporation

Tony Walsh – Non Executive Director
14 years working for ASX and over 30 years experience with listed ASX and AIM companies

CONSULTANTS AND ADVISORS

Erik Opstad – Board Advisor (Anchorage based)

Greg Channon – Chief Geoscientist

Dr. Gary Powis – Geophysicist

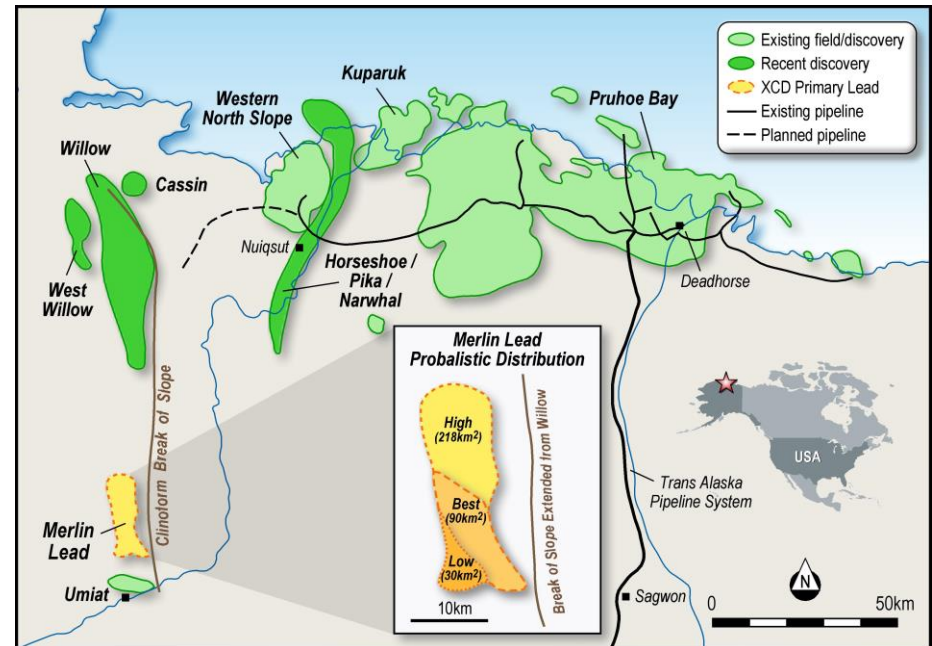
Jim Preston – Basin Modelling

Dr. Shuvajit Bhattacharya – Petrophysicist (Anchorage University)



Project Peregrine

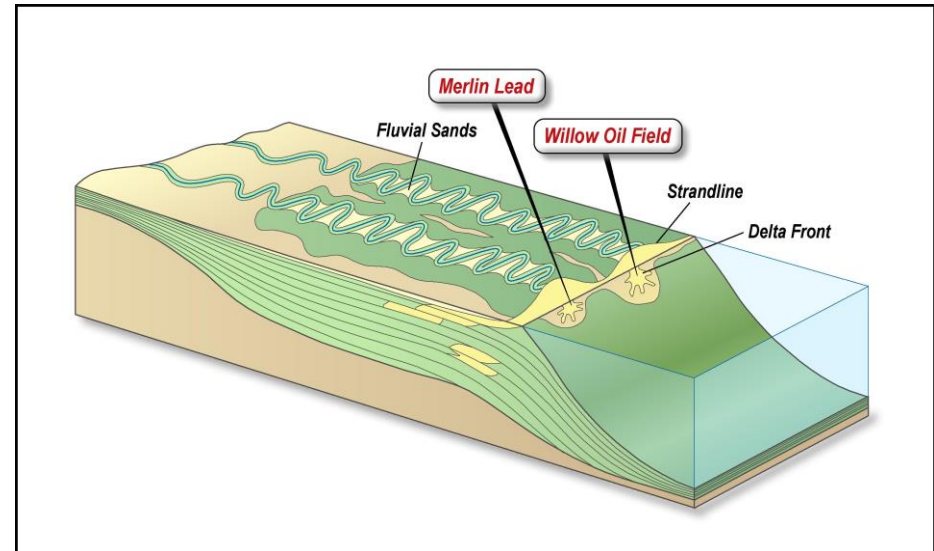
- **149,590 acres** within the National Petroleum Reserve of Alaska (NPR-A)
- Low annual holding costs (US\$3/acre) with **no work commitments** with core leases held through to **February 2029**
- On trend with ConocoPhillips **400-750 MMBOE appraisal and development** 35km to the north at Willow
- Basin modelling suggests Project Peregrine area and Willow on a **common oil migration mechanism**
- >1 Billion barrel OOIP Umiat oil field directly south of XCD lease position



XCD's initial Merlin Lead in relation to the Willow Field 35km to the north which is interpreted to be on the same sequence boundary west of the "break in slope" common to both Willow and Merlin.

Merlin Lead Prospective Resource

- Merlin Lead is seismic amplitude supported on the same Clinoform as the Willow oil field **35 km immediately North**
- Internal prospective resource calculated as **255 MMbbls in the “Best Case”** distribution
- Numerous other amplitudes exist on other sequence boundaries providing potential to intersect **multiple stacked leads**
- Further mapping of all sequence boundaries initiated with an independent prospective resource report now due in early 2020

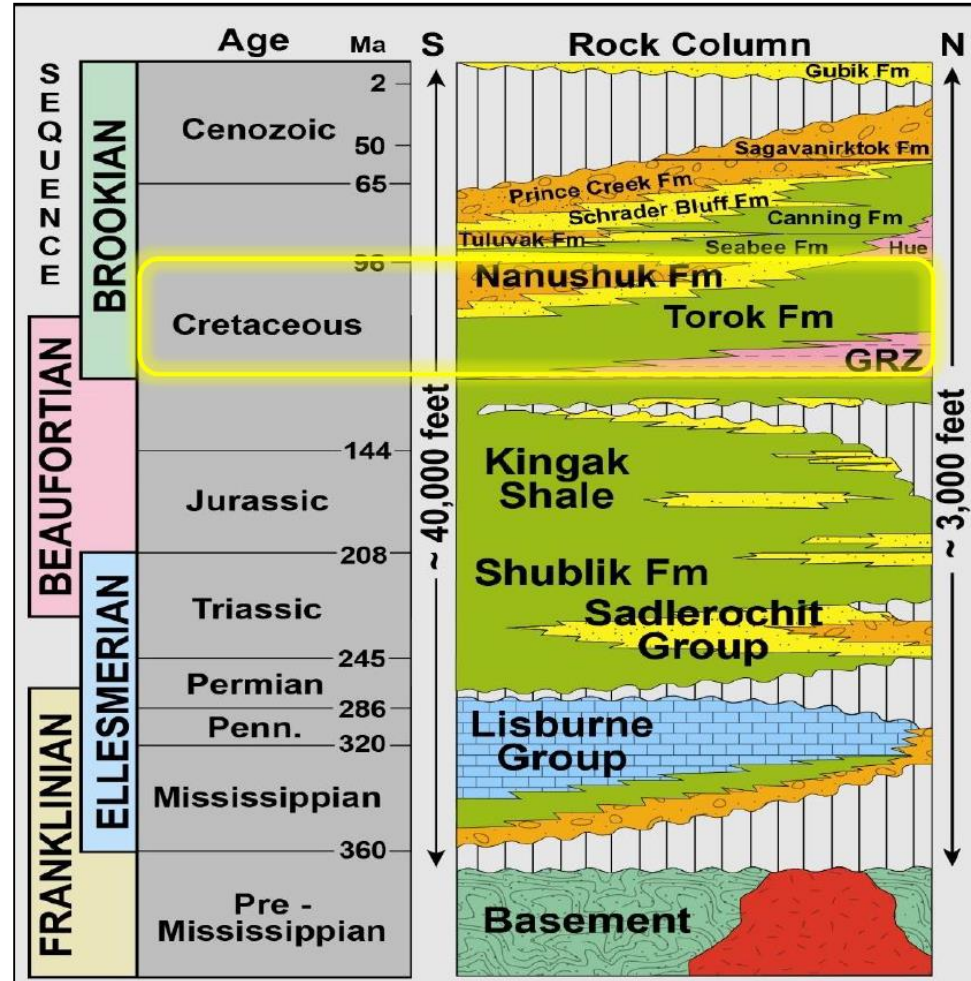


Merlin Lead (100% XCD) <i>Nanushuk (N20 Level)</i>	Prospective Resource Distribution		
	Low	Best	High
OOIP (MMbbls)	275	1112	4503
Recovery Factor	15%	23%	35%
Recoverable Oil (MMbbls)	59	255	1099
Net Recoverable Oil (MMbbls)*	51	219	945

* Please refer to the XCD's ASX release dated 10 September 2019 for full details with respect to the Merlin Lead Prospective Resource estimate, associated risking and applicable Cautionary Statement.

Geological Setting

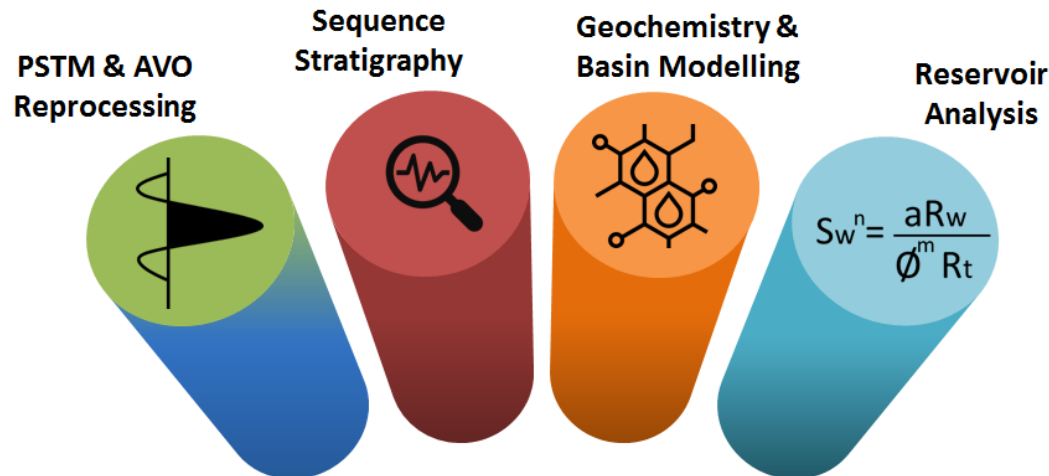
- **World class source rocks** feeding multiple play types across the region
- Stratigraphy includes emerging shallow (~1,000-1,200 metres) **Nanushuk Formation** oil discoveries
- Deeper **Torok oil play** also **prospective** within lease area
- Cretaceous the initial focus but deeper Jurassic a secondary target, both of which are productive to the north at Willow and Greater Moose Tooth (GMT) respectively



Modified after Bird and Houseknecht, 2002

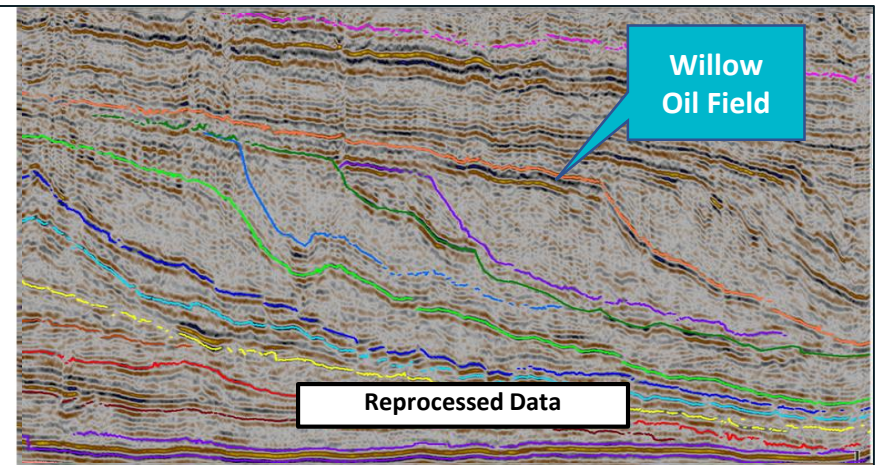
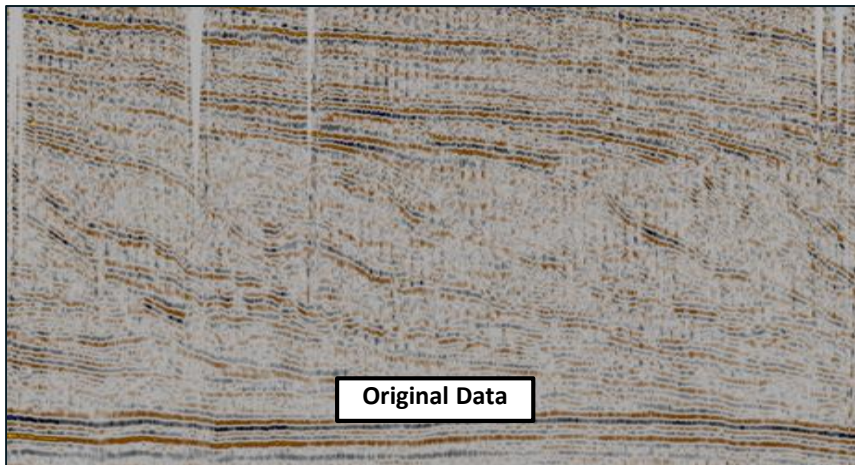
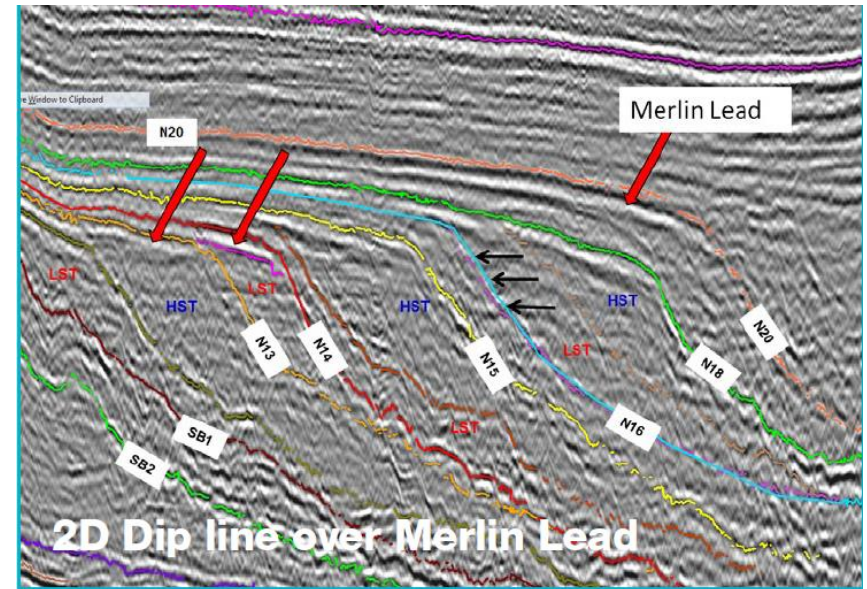
INTRO Study

- “Four pillar” desktop study to deliver the Integrated Nanushuk Technical Regional Overview (INTRO Study)
- Experts from each discipline engaged to analyse existing data sets and integrate **findings and new thinking** into this **relatively unexplored** region
- Collation of data from the **proven oil accumulations** at Willow (Conoco operated) in the North and Umiat to the South of Project Peregrine



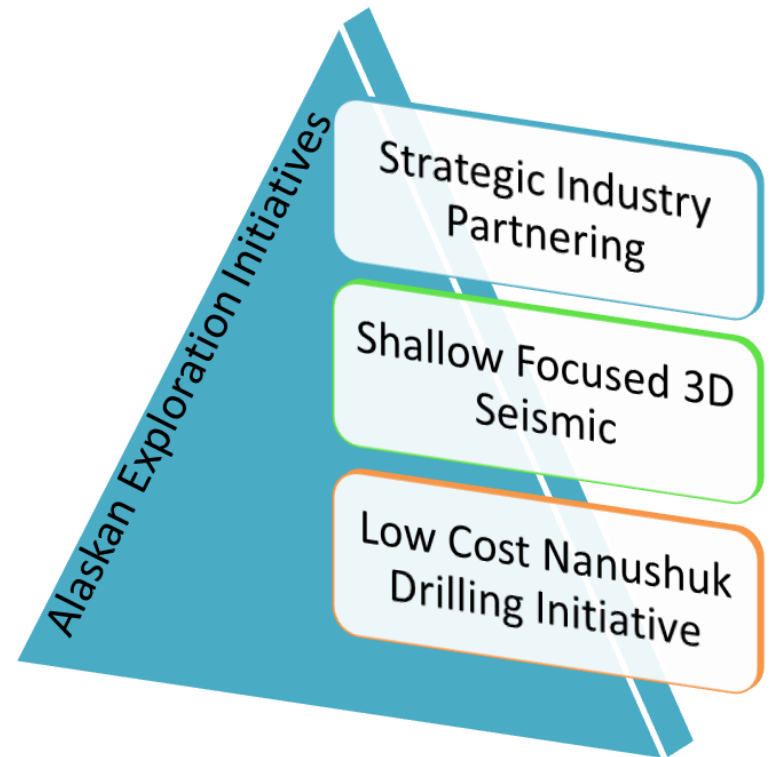
Seismic Reprocessing & AVO

- Over 365 miles of vintage 2D data reprocessed with preliminary AVO processing completed
- Results have **significantly improved data quality** and confirmed original interpretation
- Initial lead (Merlin) **seismic response appears similar** to Willow oil field



2019/2020 Objectives

1. Deliver a **world class technical study** of the quality demanded by international E&P companies
2. Deliver **“roadmap” for investors** and partners to explore lease position in a cost effective manner
3. Collaborate with Alaskan entrepreneurial service companies to deliver **new and innovative ideas** around low cost drilling options
4. Introduce industry partners (farm-out) to de-risk exploration (XCD has **100% Working Interest**)
5. Drill exploration well **within 18 months** (2021 Northern Winter)



Investment Highlights

- Market capitalisation **~\$5.6M (EV \$2.4M)** with 100% Working Interest in 149,590 acres over one of the **world's newest, highly prospective onshore oil plays** provides significant leverage
- On trend (**within 35km**) of 400-750 MMBOE Willow development estimated to commence production in 2024-2025 at in excess of 100,000 BOPD.
- Shallow Nanushuk objective (~1,000 – 1,200 metres) provides opportunity to consider innovative **low cost drilling options**
- **Fully funded** to achieve 2019/2020 objectives and deliver shareholder value



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