# **DIVERSIFIED EXPLORER** NORTH SLOPE OF ALASKA





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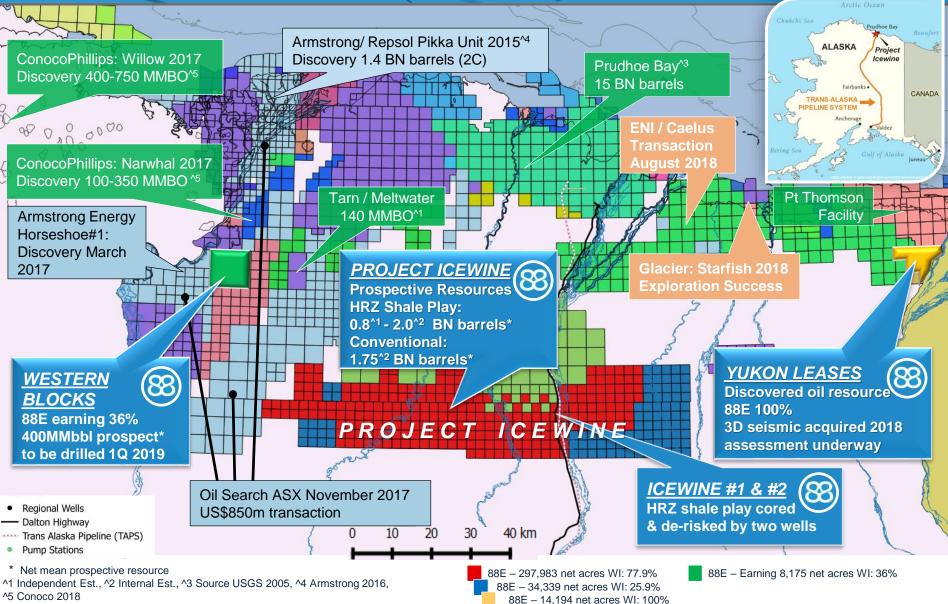
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# North Slope Oil & Gas 2017/18 Recent Discoveries and Activity





# 88 Energy **Corporate Snapshot**



88 Energy Limited (ASX, AIM: 88E)	Current	88E Board and Ma	anagement	Project List	Working Interest	Net Acres
Shares on Issue	5,571m	David Wall	Managing Director	Project Icewine	67%,	
Options on Issue	306m	Michael Evans	Non-Exec Chairman			332,321
Market Capitalisation (A\$0.02)	A\$110m	Brent Villemarette	Non-Executive Director	Yukon Gold (Conventional)	100%, Operator	14,194
Cash (30 June '18)	A\$15m / US\$11m	Dr Stephen Staley	Non-Executive Director	Western Blocks*	36%, Drilling	8,176
Board and Top 20	58%	Ashley Cilbert Chief Financial Officer		(Conventional)	Manager	0,170
		Erik Opstad	General Manager, Alaska Operations	Total Alaska		354,692
Average Daily Value	Elizabeth Pattillo General Manager, Exploration Average Daily Value Traded A\$1.0m (60 days ASX / AIM) \$0.054 \$0.049 \$0.044 \$0.044 \$0.039 \$0.039					
\$0.034 \$0.029 \$0.024 \$0.019 \$0.014 \$0.014 \$0.009 \$0.004 \$0.009 \$0.004 \$0.009 \$0.004 \$0.009 \$0.004 \$0.009 \$0.004 \$0.009 \$0.009 \$0.004 \$0.009 \$0.004 \$0.009 \$0.014 \$0.009 \$0.014 \$0.009 \$0.014 \$0.009 \$0.014 \$0.009 \$0.014 \$0.009 \$0.014 \$0.009 \$0.014 \$0.009 \$0.014 \$0.009 \$0.014 \$0.009 \$0.014 \$0.009 \$0.014 \$0.009 \$0.0014 \$0.009 \$0.0014 \$0.0019 \$0.0014 \$0.0019 \$0.0014 \$0.0019 \$0.0014\$ \$0.0014 \$0.0014\$\$0.0014\$ \$0.0014\$ \$0.0014\$\$0.0014\$ \$0.0014\$\$0.0015\$ \$0.0014\$\$0.0015\$\$0.0015\$ \$0.0015\$\$0.0015\$	ed High bidder on 32,000 acres Nov-17 Dec-17	Refinance debt facility Jan-18 Feb-18 Mar-18	Re-commence flowback at IW#2 Completion of Icewine 3D and Yukon Gold 3D seismic surveys Apr-18 May-18 June	Executed Resource	Parifice     Icewine     Orill W     Blocks     Proces     interpret	e HRZ estern 1Q2019 s / et Yukon D c and

# Alaska North Slope Assets Positioning Strategy Pays Off



### Alaska Central North Slope: Multiple High Quality Assets in Portfolio

- 88E Operator/Manager on 4 active Exploration Projects across 355,000 net acres
- Game changing near-term activity: drilling imminent (Winx -1Q19); two farm-outs pending (Icewine Conventional - 2H18, HRZ - 1H19) and 3D results (Cascade - 4Q18)

### Icewine\* : Large Conventional Prospect Portfolio – 1.75 Billion Barrels Oil Net to 88E#

- Multiple stacked prospects mapped on modern 3D seismic farm-out targeted 2H18
- · Seismic inversion highlighting new potential and de-risking reservoir for proven oil
- Western Blocks: 400 MMBO Prospect (144 MMBO Net to 88E) to be Drilled in 1Q2019
- Winx Prospect generated on 3D seismic, adjacent to Horseshoe#1 Oil Discovery (Nanushuk)

### Yukon Leases: Existing Discovery – Processing of 3D Seismic Underway

- 100% owned by 88E, initial results from fast-track processing highly encouraging
- Initial volumetric evaluation on schedule for 4Q18

### Icewine\* : HRZ Liquids Rich Resource Play – 0.8-2.0 Billion Barrels Liquids\*\*

- De-risked by core/log analysis from Icewine#1 and successful stimulation of Icewine#2
- Integration of Icewine#2 results underway farm-out targeted 1H19

<sup>\*</sup> Operator on 371,000 gross acres, JV Partner operates the remaining 133,000 gross acres

<sup>\*\*</sup> Net Mean Prospective Resource based on 271,000 gross acres, #Net Mean Prospective Resource

# Alaska North Slope Activity Multiple Significant High Impact Events

<b>OPERATIONS &amp; FORWARD PROGRAM</b>	2018		2019				2020
Total Resource Potential range 2.7 - 3.9 BNBO	3Q	4Q	1Q	2Q	3Q	4Q	1Q
PROJECT ICEWINE CONVENTIONAL:							
ICEWINE CONVENTIONALS FARM - OUT		$\star$					
1,752 MMBO NET TO 88E							
ICEWINE 3D SEISMIC ACQUISITION			Sı	ıbject to Farm	nout		
ICEWINE CONVENTIONAL RIG MOBILISATION & DRILL					Subjec	t to Farmout	☆
PROJECT ICEWINE UNCONVENTIONAL:	<b>.</b>			1	1	1	
ICEWINE HRZ SHALE PLAY FARM - OUT				$\rightarrow$			
800 - 2,000 MMBO NET TO 88E					<b>A</b>		
HRZ RIG MOBILISATION & DRILL			Subj	ect to Farmou	ut 🔀 🕀		
WESTERN BLOCKS: WINX-1	· · · ·				•		
ICEROAD CONSTRUCTION & RIG MOBILISATION		*					
WINX-1 SPUD 1Q 2019			*				
144 MMBO NET TO 88E			A				
WINX-1 DRILLING			₿	$\dot{}$			
(UKON LEASES:	· · · ·				4		
CASCADE/ YUKON GOLD-1							
WORKING INTEREST: 100% 88E							
FINALISE 3D EVALUATION OF EXISTING OIL DISCOVERY		$\rightarrow$					
DETERMINE RESOURCE POTENTIAL							E E
CASCADE			Co	ontingent on	technical ev	aluation	

NOTE: No Compulsory Exploration Program on 88 Energy Project Icewine and Yukon Leases

RENAISSANCE IN NORTH SLOPE WINTER DRILLING ACTIVITY Q1 2019:

**★**1Q 2019

7 EXPLORATION AND DELINEATION WELLS IN ANALOGOUS BROOKIAN PLAYS TO 88E SCHEDULED FOR UPCOMING WINTER SEASON

ENERGY

# Alaskan North Slope Technology Driven Renaissance



### Recent exploration success driven by advances in 3D seismic

Identification and extent of stratigraphically trapped reservoir sands identified via amplitude

✓ Shoreface sands + Oil Shows + Seismic Amplitude = Viable Strat Trap Play! (Decker & Chmielowski 2018)

- Over 4 billion barrels discovered in last 5 years with extraordinary success rate
  - Exceeded the 2005 USGS estimates for North Slope Brookian 'yet-to-find' oil resources
  - Effectively overlooked oil resource potential south and in the shadow of the Barrow Arch
- Additional remaining oil resource potential in analogous Brookian topset & turbiditic targets
- Undiscovered conventional resource in Nanushuk / Torok upgraded to 8.7 billion barrels of oil by USGS (December 2017)
- USGS assessment high graded the Torok turbidites for 'yet to be discovered oil' across the Company's Western leases at Project Icewine
- Development of Brookian Nanushuk (topset) and Torok (turbidite) conventional discoveries via horizontal drilling, extended laterals, multi stage stimulation and re-injection of produced gas/water – now routine practice on the Slope
  - Recoveries expected to exceed 30% of oil in place
  - Drilling and completion efficiencies resulting in break evens sub \$40/bbl oil price

# Brookian Sequence Distinctive Topset Amplitude Response 8 ENERGY

### ✓ Shoreface sands + Oil Shows + Seismic Amplitude = Viable Strat Trap Play!

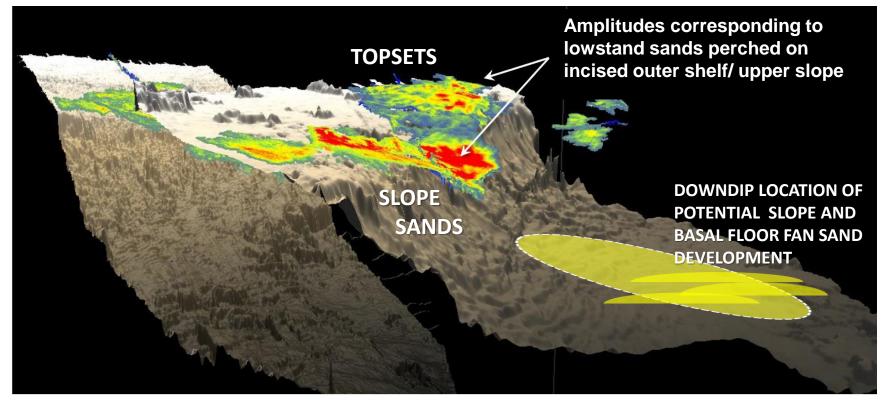


Image courtesy of L. Niglio and others, 2011 (BLM BOEM) With permission of data owners Western Geco, LLC and Geokinetics

(After Decker & Chmielowski 2018)

Analogous amplitude responses mapped in Topsets at Project Icewine, Western Leases (Winx-1) and Yukon Leases associated with topset/ slope sands and good oil shows

# Alaskan North Slope See ENERGY Competitive Tension for Acreage Alaskan Assets Exploration + Huge Oil Resource + Improved Success + Huge Oil Resource + Alaskan Assets • First Wave of Transactions Underway:

- Oil Search (Pikka / Horseshoe) November 2017
- ConocoPhillips asset swap with BP May 2018
- Recent ENI purchase of Caelus exploration acreage August 2018
- 88E well placed with multiple large Brookian prospects identified on modern 3D seismic with Vp/Vs support, similar amplitude response, analogous play types, to recent discoveries
  - Several prospects considered to be discoveries due to oil saturated sandstone reservoir intervals intersected by historic wells on acreage
  - Reservoir characterisation and mapped areal extent of these sands with amplitude support has been achieved via modern 3D seismic reflection and inversion data – historically not possible

# Alaskan North Slope Successful Wells Since 2012



### 29 Successful Wells / Sidetracks since 2012

Recent success has trended south from initial discoveries

### **Torok/ Fan Discoveries**

Tulimaniq:1,800-2,400 MMBONuna:75-150 MMBOCassin:Under evaluation

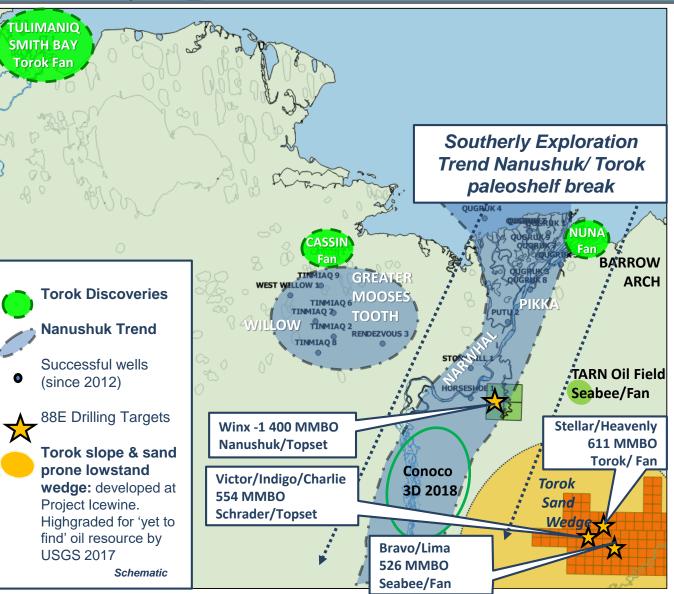
### Nanushuk/Topset Discoveries

Pikka/Horseshoe: 1,400 MMBO Willow: 500-1,100 MMBO Narwhal : 100-350 MMBO

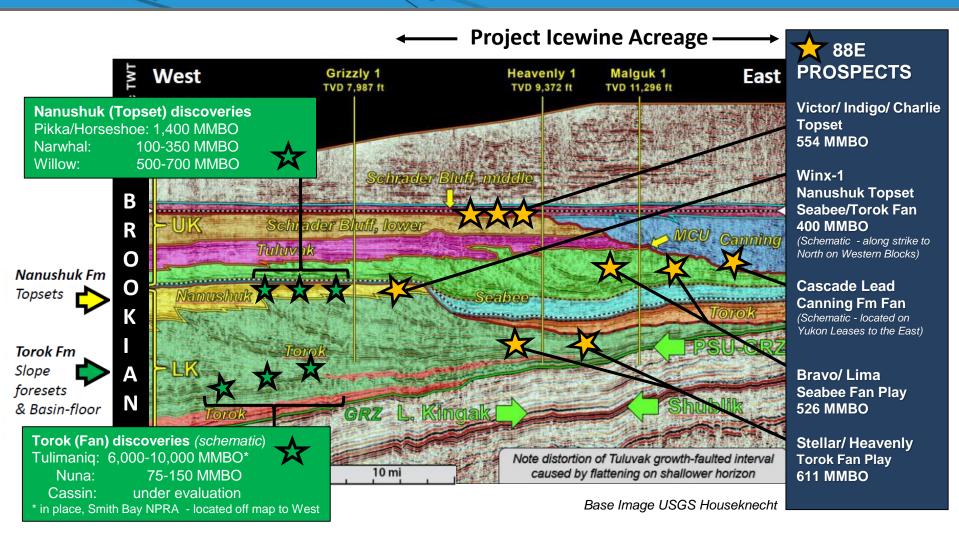
### **88 Energy Prospects**

Schrader/Topset:	544 MMBC
Torok/Fan:	611 MMBC
Seabee/Fan:	526 MMBO

88E prospects de-risked by recent exploration success in same play types in addition to oil saturations interpreted in historic wells on acreage



# Alaska North Slope 88E Prospects De-Risked by Recent Discoveries



Key 88E Conventional Brookian Prospects & Recent Discoveries - schematic

# Upgraded Conventional Prospective Resource Multiple Large Scale Appraisal and Exploration ENERGY

- p-									
PROJECT ICEWINE CONVENTIONAL PORTFOLIO									
Prospective Resources MMBO									
	September 2018: Post Initial Results from 3D Inversion								
Prospects and Leads	Unrisked								
JULY 2018 REVIEW	Horizon / Play Low Best High			Gross Mean	Net Mean to 88E				
WESTERN PLAY FAIRWAY:									
Victor Prospect (stacked)	Schrader / Topset	125	206	325	217	168			
Indigo Discovery	Schrader / Topset	138	217	328	227	176			
Charlie Prospect	Schrader / Topset	67	106	160	110	85			
Bravo Prospect	Seabee / Submrn Fan	55	133	281	154	119			
Mike Prospect	Seabee / Submrn Fan	9	24	52	28	22			
Rose Prospect	Seabee / Submrn Fan	7	19	41	22	17			
Lima Prospect/Discovery (stacked)	Seabee / Apron Fan	99	301	661	372	331			
Heavenly Discovery	Torok / Apron Fan	27	55	109	63	54			
Stellar Prospect/Discovery (stacked)	Torok / Apron Fan	249	526	927	548	435			
Y Lead	Schrader / Topset	24	41.2	67	44	34			
Z Lead	Schrader / Topset	11	27	53	29	22			
	WESTER	N PLAY F	AIRWAY TO	OTAL:	1814	1463			
CENTRAL PLAY FAIRWAY:									
Echo Lead	Canning / Fan	60	138	293	162	121			
Golf Lead	Canning / Fan	106	193	339	211	72			
	CENTRA	LPLAY	FAIRWAYT	OTAL:	373	193			
EASTERN PLAY FAIRWAY:									
Alpha Lead	Canning / Submrn Fan	19	71	263	118	91			
Romeo Lead	Kuparuk / Kemik Sands	2	3	5	4	3			
Sierra Lead	Kuparuk / Kemik Sands	1	2	3	2	2			
	EASTER	NPLAY	FAIRWAYT	OTAL:	124	96			
TOTAL PROSPECTIVE RES	OURCE MMBO (Mean Unr	isked)			2310	1752			

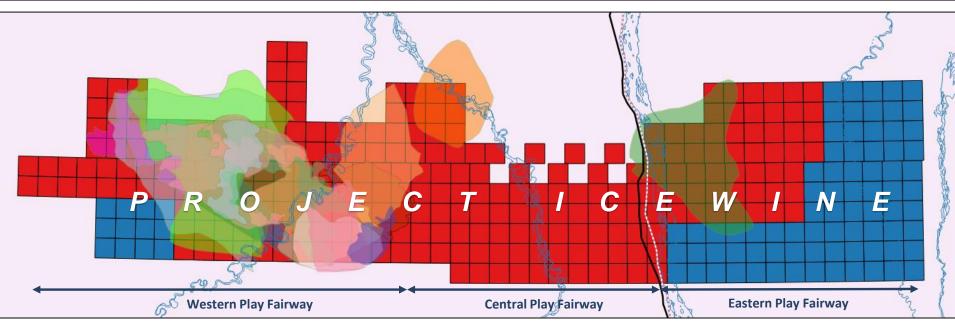
- Multiple leads promoted to drillable prospects on 3D interpretation
- Net mean resource increased to 1.75 billion barrels of oil
  - Additional potential identified in topsets on 3D seismic inversion

### Stacked Brookian prospects offer opportunity to test multiple objectives with one well

Prospective Resources classified in accordance with SPE-PRMS as at 3<sup>rd</sup> August 2018 using probabilistic and deterministic methods on an unrisked basis. Prospects and Leads identified from interpretation of modern 3D seismic acquired in 2018, 2D seismic acquired in 2015/2016 and legacy 2D seismic of varying vintages post 1980 across Project Icewine, which comprises 504,000\*\* gross acres on the Central North Slope of Alaska. 88 Energy is Operator of record at Project Icewine (through its wholly owned subsidiary Accumulate Energy Alaska, Inc) with a ~77% working interest over the conventional play fairway where the leads have been mapped.

Cautionary Statement: The estimated quantities of petroleum that may be potentially recovered by the application of a future development project relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration, appraisal and evaluation are required to determine the existence of a significant quantity of potentially movable hydrocarbons.

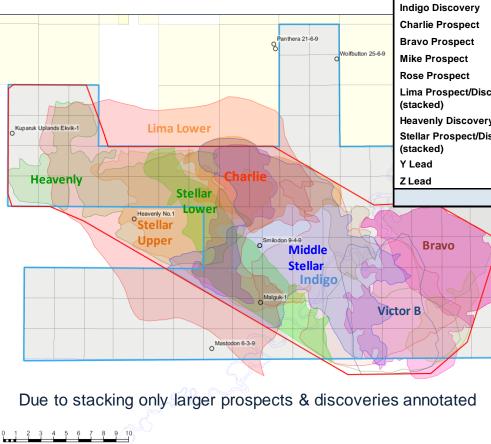
# Project Icewine: Near Term Appraisal Drilling ENERGY Substantial Unevaluated Exploration Potential



- 504,000 contiguous acres with access to transportation corridor/ TAPS
- 75% of prospectivity supported by modern 3D on just 25% of acreage
- Project Icewine: 2.3 billion barrels unrisked gross mean conventional prospective resource based on modern 3D/ 2D seismic (1.75 billion barrels net to 88E)
- Multiple prospective Brookian paleoshelf breaks developed across acreage
  - focus of conventional prospectivity
- Near term drilling on mature appraisal/ exploration opportunities; extensive acreage position
  offers upside potential for multi year, phased exploration program
- Farm-out process commenced, virtual dataroom open

Project Icewine Western Play Fairway Prospect Portfolio

- Gross 1,814 MMBO prospective resource (mean unrisked) mapped in the Icewine Western Play Fairway
  - 1,463 MMBO net to 88E



PROJECT ICEWINE CONVENTIONAL PORTFOLIO Prospective Resources MMBO										
	September 2018: Post Initial Results from 3D Inversion									
Prospects and Leads	Unrisked	Unrisked								
JULY 2018 REVIEW	Horizon / Play	Low	Best	High	Gross Mean	Net Mean to 88E				
WESTERN PLAY FAIRWAY:										
Victor Prospect (stacked)	Schrader / Topset	125	206	325	217	168				
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WESTERN PLAY FAIRWAY TOTAL: 1814 1463										

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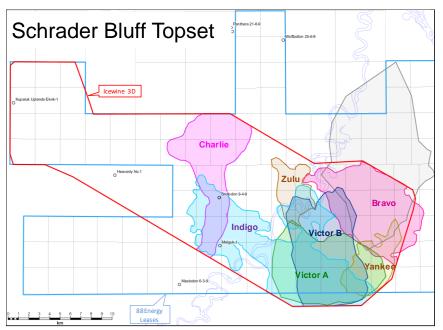
- Total of 13 prospects and 2 leads mapped on modern 3D seismic
- 4 prospects intersected by vintage wells considered oil discoveries
- Stacked reservoir geometries allows potential to test multiple prospects with a single appraisal/ exploration well 15

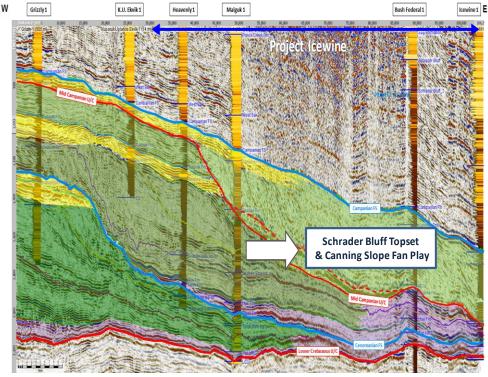
# Western Play Fairway Schrader Bluff Topset Play



# Significant new potential supported by 3D seismic inversion data

- Multiple prospects identified in Schrader Bluff Topsets
  - Analogous play type, on younger clinothem, to recently successful Nanushuk discoveries
- Shallow, large stacked objectives
- Indigo oil discovery missed pay
- Mapped on reflectivity and inversion data

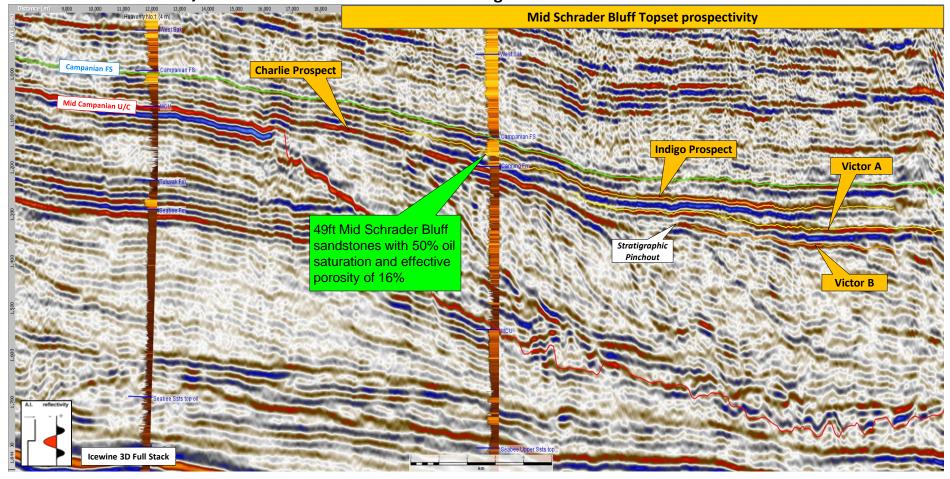




Prospect/Discovery Stratigraphic Play		Structural Crest	Re	coveral	ble (mr	nbbls)
		(TVDss)	P90	P50	P10	Mean
Victor Prospect (stacked)	Mid Schrader / Topset	5300-6000 ft	125	206	325	217
Indigo Discovery (Malguk-1)	Mid Schrader / Topset	4000 ft	138	217	328	227
Charlie Prospect	Mid Schrader / Topset	3800 ft	67	106	160	110
Y Lead	Upper Schrader / Topset	4000 ft	24	41.2	67	44
Z Lead	Upper Schrader / Topset	3720 ft	11	27	53	28.5

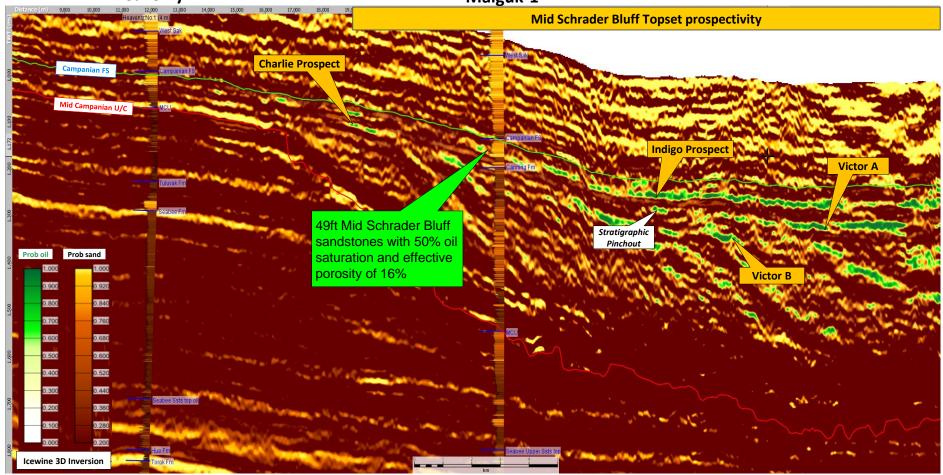
# Western Play Fairway Mid Schrader Bluff: Topset Prospectivity ENERGY

Pre-inversion view of topset – several features mapped on 3D seismic reflection data with good amplitudes, coincident with good oil shows in historic well Malguk-1 Heavenly-1 Malguk-1



# Western Play Fairway Mid Schrader Bluff Topsets – 3D Inversion

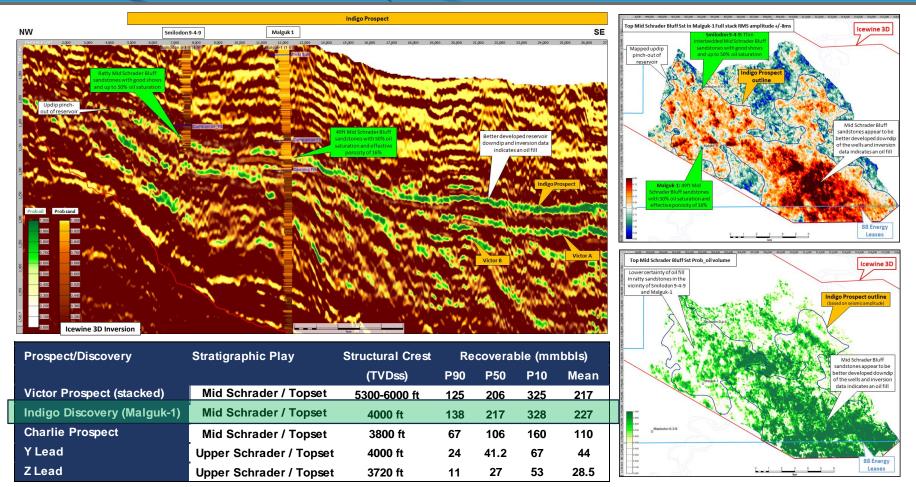
Post- 3D seismic inversion: Topsets mapped on data calibrated for oil shows and good sand facies by local well data, supports and delineates prospects Heavenly-1 Malguk-1



*Reservoir characterisation – sculpted for Schrader: Sand probability overlain by oil probability* 

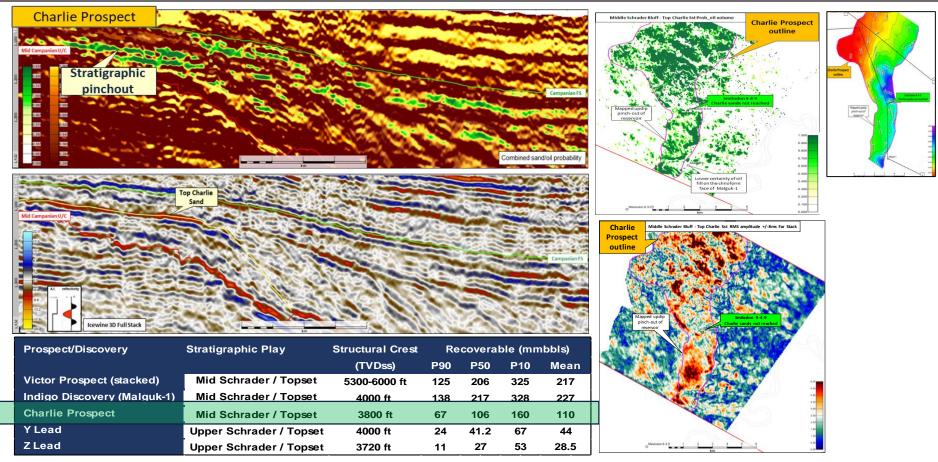
**ENERGY** 

# Western Play Fairway Mid Schrader Bluff ENERGY Indigo Oil Discovery – Topset



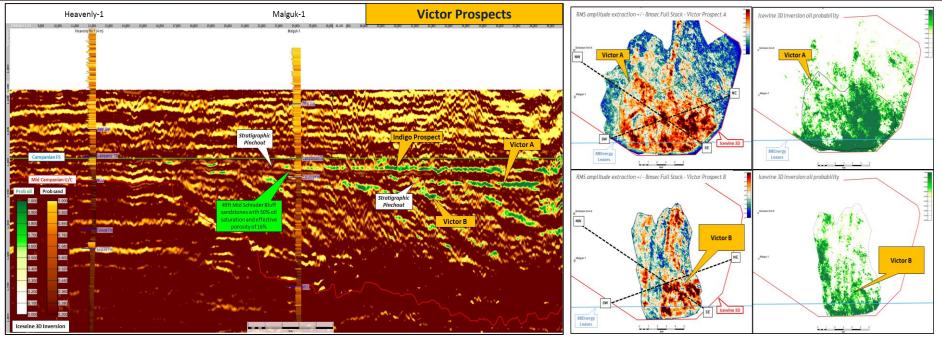
- The oil-saturated Mid Schrader Bluff sandstones in Smilodon 9-4-9 are relatively poorly developed; whilst at Malguk-1 they are 49 feet thick
- The Icewine 3D inversion indicates that these sandstones are better developed downdip and the oil
  probability volume strongly indicates that they are oil-filled
- Shallow near-term appraisal drilling opportunity

# Western Play Fairway Mid - Schrader Bluff ENERGY Charlie Prospect - Untested Topset



- Charlie topset sandstones have not been intersected by historic wells at Project Icewine
- Stratigraphic pinchout of the sandstones updip of Malguk-1 has been mapped on both seismic reflectivity and inversion data
- Icewine 3D inversion data indicates the sands are likely better developed, and with higher oil probability, in the most crestal portion of the stratigraphic trap – location of amplitude support at Charlie topset is analogous to those seen at successful Nanushuk topset

# Western Play Fairway Mid - Schrader Bluff BILL ENERGY Victor Stacked Targets



Prospect/Discovery	Stratigraphic Play	Structural Crest	Recoverable (mmbbls)				
		(TVDss)	P90	P50	P10	Mean	
Victor Prospect (stacked)	Mid Schrader / Topset	5300-6000 ft	125	206	325	217	
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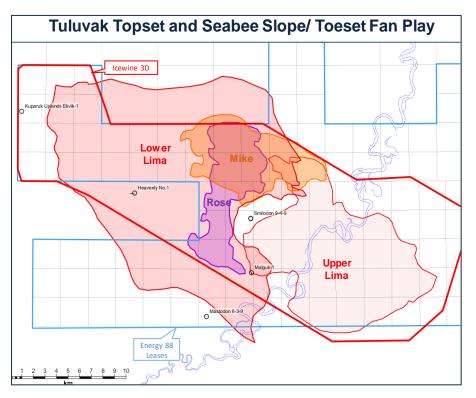
Comparison: Amplitude extraction vs oil probability

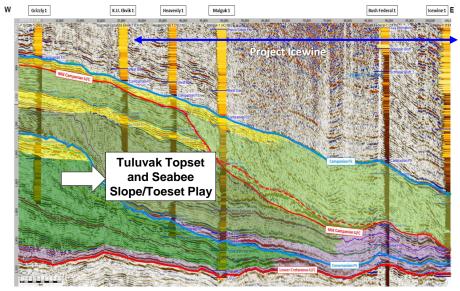
- Mid Schrader Bluff Fm topset transgressive sandstones that stratigraphically pinch-out down dip of Malguk-1
- Amplitude brightening seen in Schrader Bluff Topsets at Victor A; the amplitude anomaly stays bright on faroffsets; shallow target
- Icewine 3D inversion data gives high probability for oil-filled reservoir sands at this location

# Western Play Fairway Seabee Formation Slope/Toeset Fan Plays ENERGY

### Mobile Oil Interpreted in Seabee Formation on Icewine Acreage Successful Tarn Oil Field located on Trend to the North within the Seabee Fm

 Malguk-1 has proven hydrocarbons within seismically distinguishable basin floor fan sandstones of the Seabee Formation

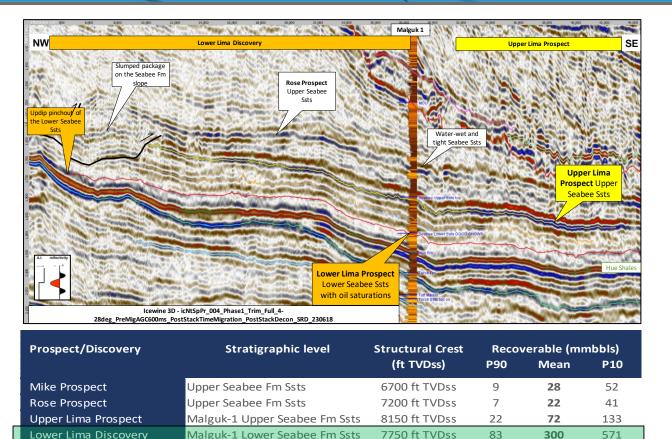




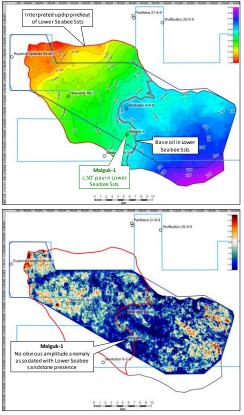
Prospect/Discovery	Stratigraphic level	evel Structural Crest		Recoverable (mmbbls)			
		(ft TVDss)	P90	Mean	P10		
Mike Prospect	Upper Seabee Fm Ssts	6700 ft TVDss	9	28	52		
Rose Prospect	Upper Seabee Fm Ssts	7200 ft TVDss	7	22	41		
Upper Lima Prospect	Malguk-1 Upper Seabee Fm Ssts	8150 ft TVDss	22	72	133		
Lower Lima Discovery	Malguk-1 Lower Seabee Fm Ssts	7750 ft TVDss	83	300	571		

# Western Play Fairway **Lower Lima Discovery**





Malguk-1 Lower Seabee Fm Ssts



The Lower Lima prospect/discovery is an up-dip stratigraphic test of the Seabee Formation oil saturated sands intersected at Malguk-1

7750 ft TVDss

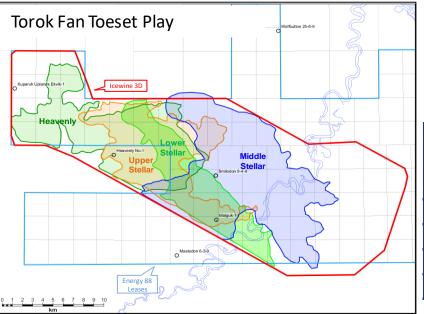
- Top of the 220' sand interval in Malguk-1 is at 8,707 ft TVDss, with a N:G of 30% and a mean porosity of 11%
- Well developed Seabee sandstones with better porosity interpreted at the base of the interval sit directly on top of prolific Hue Fm source rock
- Interpreted to have up to 60% oil saturation and associated with good oil shows in Malguk1

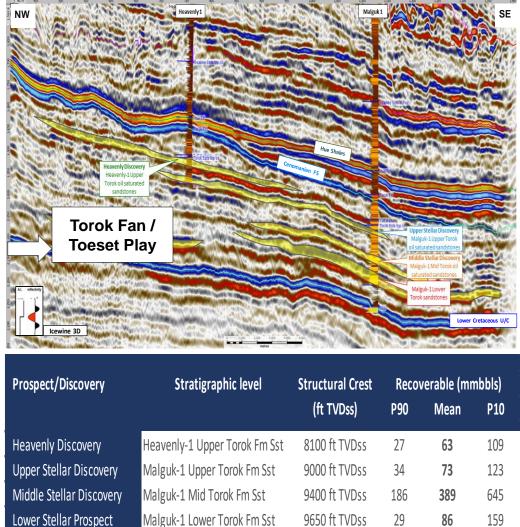
# Western Play Fairway Torok Slope/ Toeset Fan Play



# **Torok Fan Play Gaining Traction Post Recent Discoveries and USGS Upgrade**

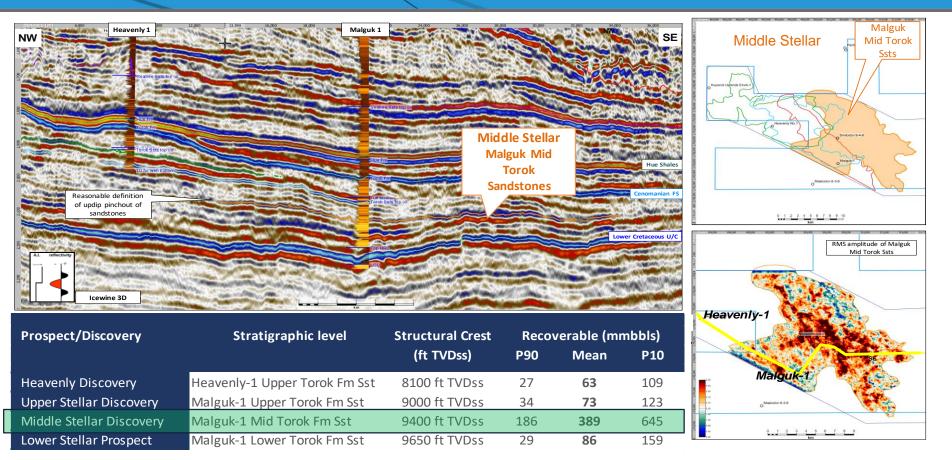
- Stellar and Heavenly prospects interpreted as slope to basin floor sandstones within the Torok Fm
- Malguk-1 and Heavenly-1 confirmed presence of oil in Upper Stellar; Middle Stellar and Heavenly prospects – considered discoveries for appraisal
- Preliminary 3D mapping demonstrates significant updip and lateral stratigraphic potential in these prospects





# Western Play Fairway Middle Stellar Prospect (Discovery)





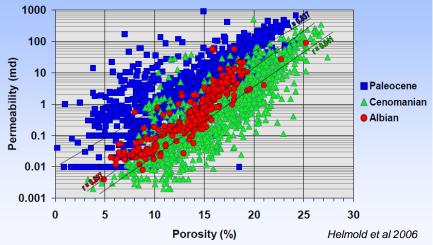
- The Middle Stellar prospect was intersected at the Malguk-1 well
  - Gross 217' interval of oil bearing Torok sandstones between 10410' to 10627'
  - Porous reservoir of 194', with mean porosity 15%
  - Net pay 125'
- Trap defined by updip pinchout west of Malguk-1; appraisal drilling opportunity
- Amplitude mapping implies that Magluk-1 was drilled outside of the main reservoir fairway

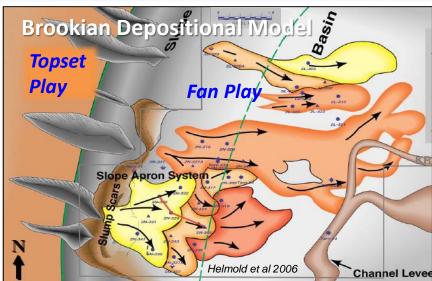
# Project Icewine Brookian Reservoir Quality



- Primary reservoir quality controlled by origin of sediment and depositional environment
- Porosity on Icewine acreage ranges up to 21% in the Torok Fm at 10,500 ft bucking regional porosity compaction trend
  - Potential primary porosity preservation e.g. due to subtle overpressure
  - Enhancement by secondary porosity development - dissolution of minerals/ cements/ glass e.g. analcime - evident at Tarn oil field
- Established Brookian depositional model including topset and fan plays in stacked clinothems
- In fan plays, best reservoirs are in channels and lobes. Icewine 3D acquisition essential to identify extent of reservoir sweetspots
- Mitigate reservoir risk in the Brookian Plays with attribute analysis in VpVs space on 3D to map presence and extent of good quality reservoir potentially associated with AVO

### **Brookian Sandstone Phi-K Trends**

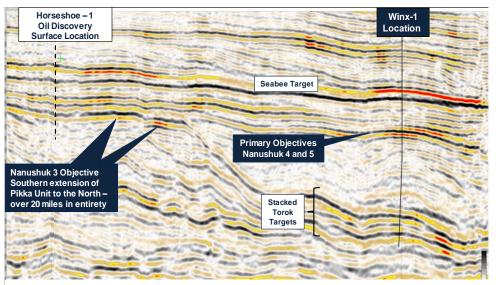




# New Alaskan Acreage Western Blocks Winx-1 spud 1Q 2019: 400 MMBO

# Earn-In to Prospective Acreage by Drilling Q1 2019

- Nanushuk Topset Play
- Gross best estimate unrisked prospective resource 400 MMBO ; 144 MMBO net to 88E
- 88E earning 36% by paying 40% of drilling costs, estimated at US\$15m on a dry hole basis
- Funded by current cash position
- Permitting and ice road planning on schedule
- Rig contract executed



Winx-1 amplitude extent 11 miles<sup>2</sup>

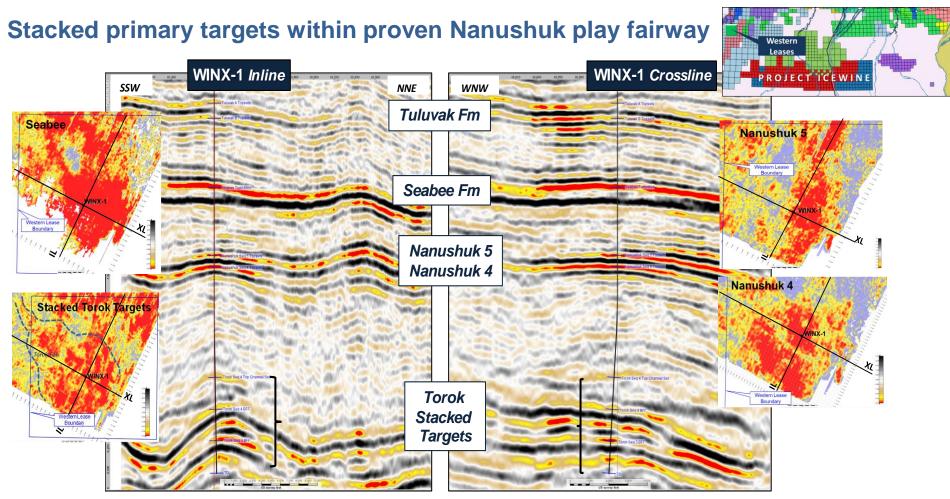
**ENERGY** 

- Adjacent to recent Horseshoe 1/1A oil discovery (2017), extension of Pikka Unit to the North
- Horseshoe 1/1A intersected 30 m and 45 m intervals of net pay
- Extended established Nanushuk Play Fairway by over 20 miles
- Winx prospect identified on 3D seismic with similar amplitude signature to that seen at Horseshoe – and only 4 miles East

Winx-1 Proximity to Horseshoe Oil Discovery (2017)

# Western Blocks Winx-1 Stacked Multiple Objectives





- Additional stacked potential in the Seabee and Torok Formations
- Further upside with targets extending southwest on lease
- Bright amplitude responses considered indicative of hydrocarbon potential

# New Alaskan Acreage: Yukon Leases HIGHLIGHTS

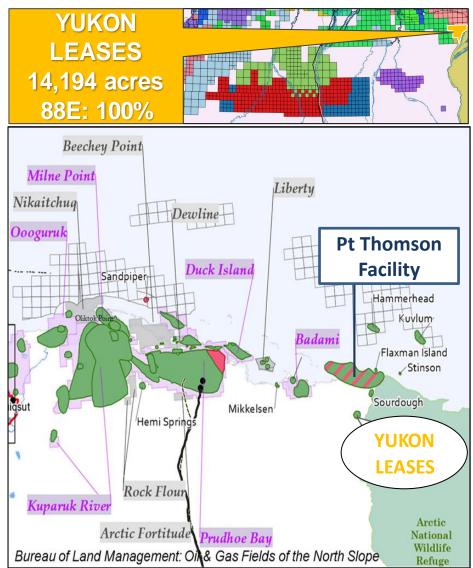


# Recent Acquisition includes Existing Oil Discovery Yukon Gold-1

- Opportunistic low cost acquisition in improving oil price environment
- 88E 100% ownership of 14,194 acres
- Close proximity to newly commissioned Pt Thomson infrastructure (2016)
- No required commitment to drill

### **Multiple Oil Sands in Vintage Well**

- Yukon Gold #1 (1993/1994) vintage oil discovery
  - Oil saturations indicated at two intervals in the Tertiary Canning Fm
  - Good effective porosity indicated in both intervals >18%
- Initial mapping results from 3D seismic highly encouraging - evaluation ongoing
- Work up prospectivity with minimal spend and seek partner

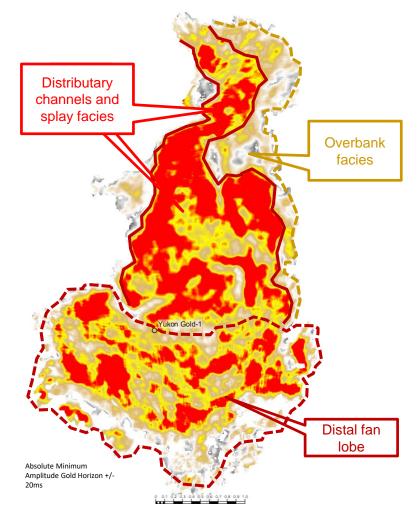


# Yukon Leases 3D Mapping Cascade Lead Canning Fan Play



# Initial results from fast track modern 3D processing (2018)

- Cascade: channelised fan feature mapped updip of Yukon Gold-1, historic oil discovery
- Yukon Gold-1 located in interpreted distal fan lobe facies
- Excellent reservoir quality anticipated within distributary channels updip and associated proximal facies
- Provisionally mapped on fast track product; processing/ mapping effort ongoing
- Maturation of prospectivity expected to conclude prior to year end including resource assessment
- Potential appraisal drilling candidate

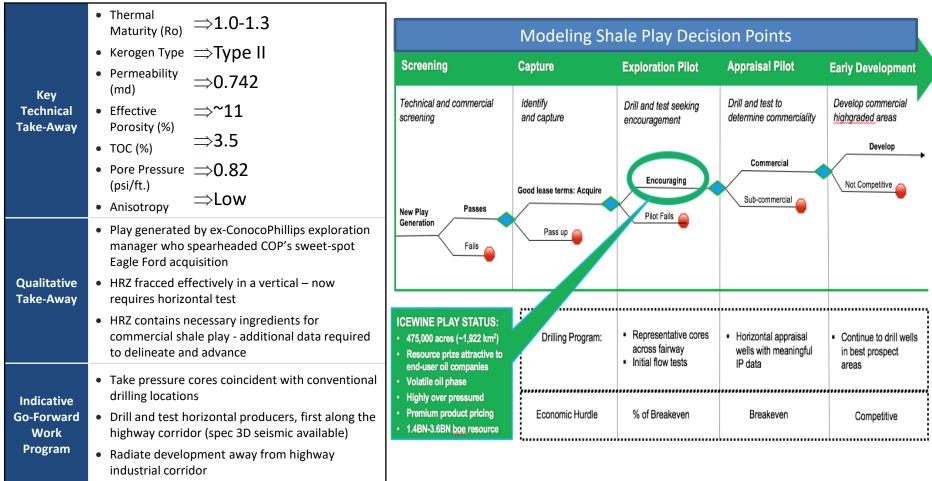


# Icewine HRZ Shale Play: Encouraging Results to Date



Project Icewine captured the HRZ sweet spot in over-pressured, low-viscosity super-critical phase oil

- Data supports move to horizontal appraisal drilling and further fairway delineation
- Re-evaluation project underway with recommended forward work program to be funded via farm-out





### **Project Icewine: Conventional**

- Interim 3D seismic interpretation led to large upgrade to conventional portfolio
- Multiple leads promoted to drillable prospects: 1,750 MMBO net to 88E
- Farm-out process underway to progress exploration and appraisal program

# Western Blocks

- 400 MMBO prospective resource, gross mean unrisked, 3D seismic defined prospect in successful Nanushuk Play
- Drilling scheduled for 1Q2019 covered by current cash position

### Yukon Leases: Yukon Gold Existing Oil Field Discovery

 Low cost acquisition of existing oil discovery, close to infrastructure – initial assessment based on recently acquired 3D seismic highly encouraging

### **Project Icewine: Unconventional - HRZ**

- De-risked by two wells with results to date encouraging and consistent with early stage results from other successful plays
- Farm-out process underway to fund further appraisal

# **Board and Key Management**



### Mr David Wall – Managing Director

4 years experience in strategy and planning at Woodside Petroleum. 6 years experience in financial services industry as small cap oil and gas equities analyst, specialising in exploration companies.

B. Comm in Management and Finance from University of Western Australia.

### Mr Michael Evans – Non-Executive Chairman

Extensive executive and Board level experience with publicly listed companies in the natural resources sector spanning over 30 years.

Founding Executive Chairman of ASX oil and gas explorer FAR Limited and was responsible for FAR's entire West African portfolio where significant oil discoveries were made in 2014.

*B Bus Curtin University, Chartered Accountant, Chartered Secretary, Governance Institute Australia* 

### Erik Opstad – General Manager Alaska Operations

37 years of energy project management and technical experience including with BP in Alaska, conducting both offshore and onshore operations. Mr. Opstad joined the 88 Energy team from Savant Alaska where as a principal in the company he served as Drilling & Wells Manager and General Manager driving geoscience and engineering redevelopment activities at the Badami oilfield on the North Slope of Alaska. *Erik holds a BSc and MSc in Geology from the University of Iowa.* 

### Dr Stephen Staley – Non-Executive Director

34 years of energy management and technical experience including with Conoco and BP. Dr Staley was founding Managing Director of upstream AIM start-ups Fastnet Oil & Gas plc and Independent Resources plc and a Non-executive Director of Cove Energy plc. BSc (Hons.) in Geophysics from Edinburgh University, PhD in Petroleum Geology from Sheffield University and MBA from Warwick University.

### Mr Brent Villemarette – Non-Executive Director

Over 35 years experience in the global oil and gas industry, primarily with Apache Corporation in the US and in Australia. Also served as Chief Operating Officer for Transerv Energy, an ASX listed oil and gas company. *BSc in Petroleum Engineering from Louisiana State University. Reservoir Engineer.* 

### Ms Elizabeth Pattillo – General Manager Exploration

Over 20 years experience in the upstream petroleum industry both with major international oil and gas companies, (BHP Petroleum Pty Ltd, Shell UK Exploration & Production), and junior explorers. BSc (Hons) in Geology, Monash University Australia; Post Graduate Diploma in Education University of Western Australia

### Mr Ashley Gilbert – Chief Financial Officer

Over 20 years experience in commerce and public practice. Prior roles include CFO of Neptune Marine Services and Nido Petroleum, as well as positions within Woodside Petroleum and GlaxoSmithKline plc. in London. *B.Comm Curtin University, Chartered Accountant, Governance Institute Australia, Institute of Company Directors GAICD* 33

# Contacts



### Managing Director: David Wall

dwall@88energy.com

### **Registered Office:**

Level 2, 5 Ord St, West Perth WA 6005

### **Postal Address:**

PO Box 1674, West Perth WA 6872

Telephone: +61 8 9485 0990 Facsimile: +61 8 9321 8990

Web: www.88energy.com

### **Share Registry:**

ASX: Computershare Investor Services Pty Ltd ASX: 88E

### AIM: Computershare Investor Services Pty Ltd AIM: 88E

### **Brokers:**

Australia Hartleys Ltd As Corporate Advisor: Mr Dale Bryan + 61 8 9268 2829

### United Kingdom Cenkos Securities Plc As Nominated Adviser and Broker:

Mr Neil McDonald +44 (0)131 220 9771 / +44 (0)207 397 1953 Mr Derrick Lee +44 (0)131 220 9100 / +44 (0)207 397 8900

### Investor Relations Finlay Thomson +44 (0) 7976 248471