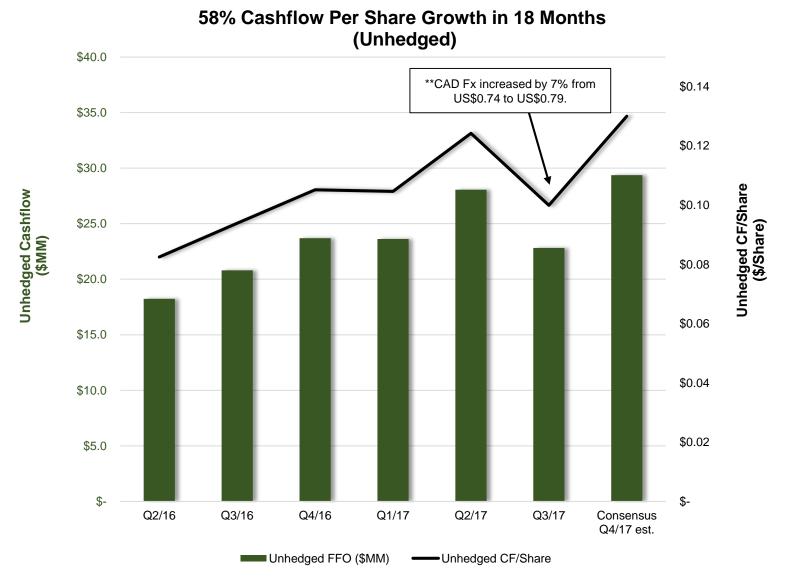


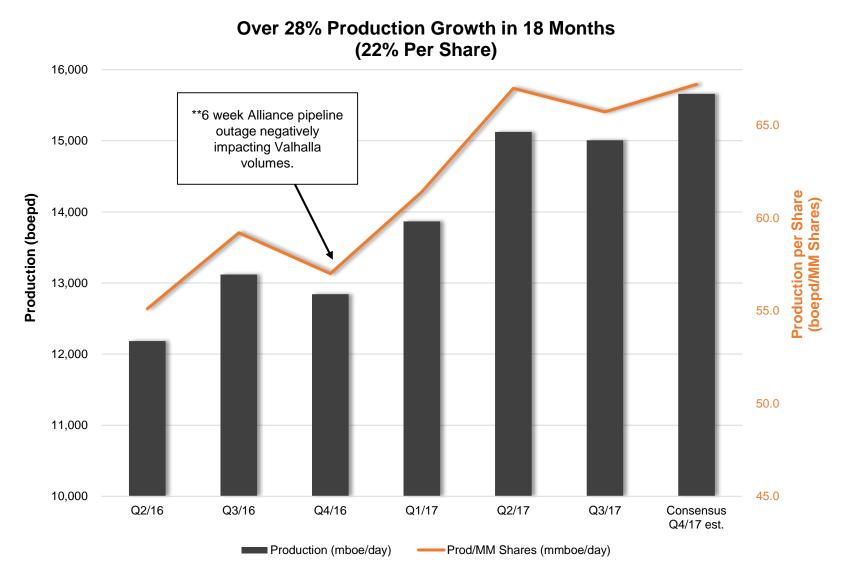
DALLAS ENERCOM
CONFERENCE PRESENTATION
FEBRUARY 21 – 22

# 58% UNHEDGED CASHFLOW PER SHARE GROWTH





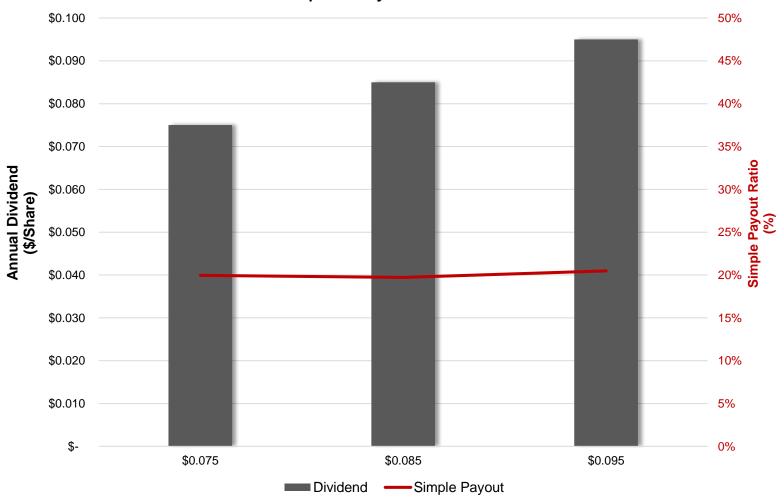
# STABLE PRODUCTION GROWTH





# **GROWING DIVIDEND AND MAINTAINING PAYOUT RATIO**

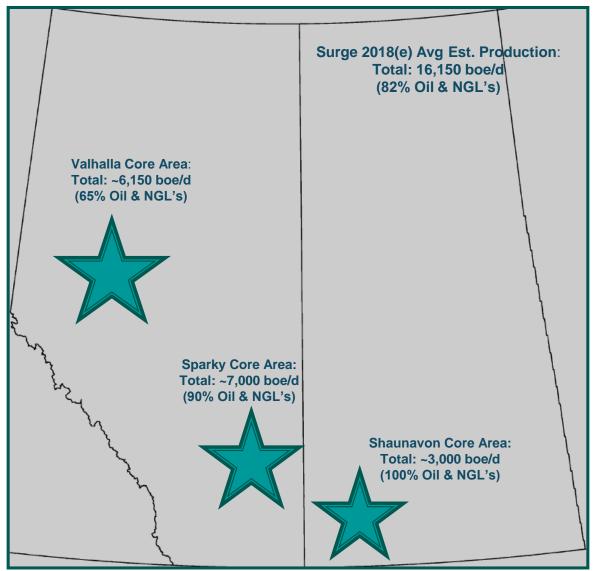
27% Dividend Growth over 18 Months - Maintaining a Simple Payout of ~20%





# **ELITE ASSETS FOCUSED IN THREE CORE AREAS**

Large OOIP pools in established conventional reservoir trends





# LARGE OOIP, LOW RECOVERY FACTORS

>1.77 Billion bbl's net OOIP with up to >235 Million net barrels remaining recoverable

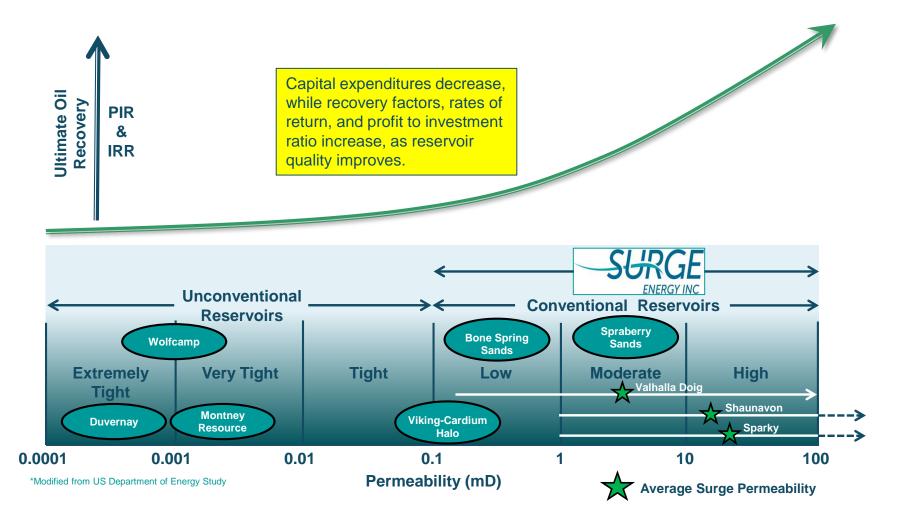
Core Area	Formations	Estimated OOIP (MMbbls) Gross/Net	Drilling Locations Gross/Net (Booked) <sup>(2)</sup>	Avg. WI	CTD Oil Recovery Factor <sup>(1)</sup>	Total Booked Independent Recovery Factor P+P <sup>(1)</sup> (% OOIP)	Internally Estimated Ultimate Recovery Net (Waterflood with Development Drilling)
Valhalla	Doig/ Montney/ Slave Point/ Banff/ Doe Creek/ Wabamun	727/595	153/140 (107/96)	82%	6.0%	10.2%	23%
Sparky	Mannville Group	805/707	316/309 (100/97)	88%	12.8%	16.9%	25%
Shaunavon	Shaunavon (Upper & Lower)	483/472	243/230 (85/83)	98%	1.7%	5.4%	15%
TOTALS:		2,016/1,774	712/679 (292/276)	88%	7.6%	11.6%	21%

>2.0B (>1.77B net) barrels of estimated OOIP under management; Current RF 7.6%



# TARGETING CONVENTIONAL RESERVOIRS

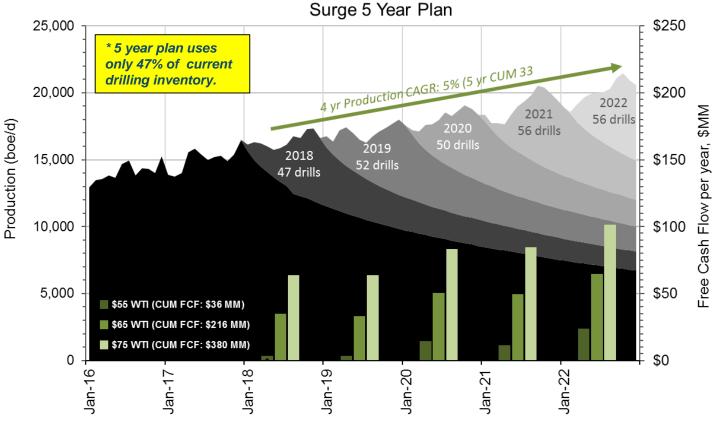
Surge focuses on reservoirs in the conventional end of the permeability spectrum





# **SURGE 5 YEAR PLAN**

Surge can grow organically to 20,000 boe/d in 5 years while generating FCF of \$36 MM to \$380 MM above its current dividend



Price Assumptions:

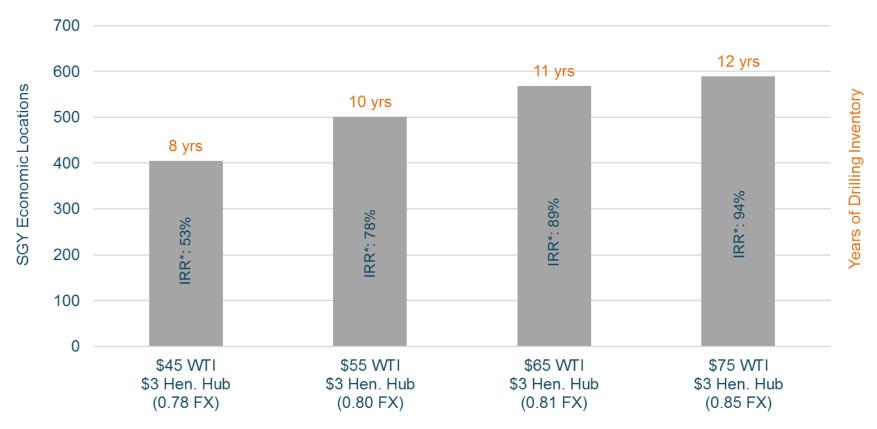
	Inflation/year	Fx	WCS Diff		EDMN Diff		AECO	
			2018	2022	2018	2022	2018	2022
\$55 WTI	1.50%	\$0.780	\$14.00	\$14.86	\$3.00	\$3.18	\$1.95	\$2.07
\$65 WTI	1.50%	\$0.800	\$16.50	\$17.51	\$3.50	\$3.71	\$1.95	\$2.07
\$75 WTI	1.50%	\$0.820	\$19.00	\$20.17	\$4.00	\$4.25	\$1.95	\$2.07



# "FULL CYCLE" ECONOMIC DRILLING INVENTORY

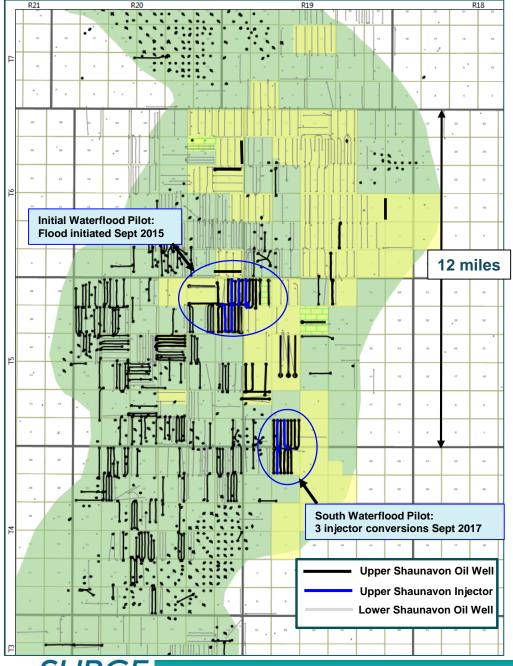
8 years of drilling locations with an average 53% risked IRR @ \$45 WTI & \$3 Henry Hub

### SGY Economic Locations



\*NOTE: Waterflood upside not included.





# SHAUNAVON OIL FAIRWAY

450 MM BBLS OOIP, over 200 drilling locations (8 year inventory)

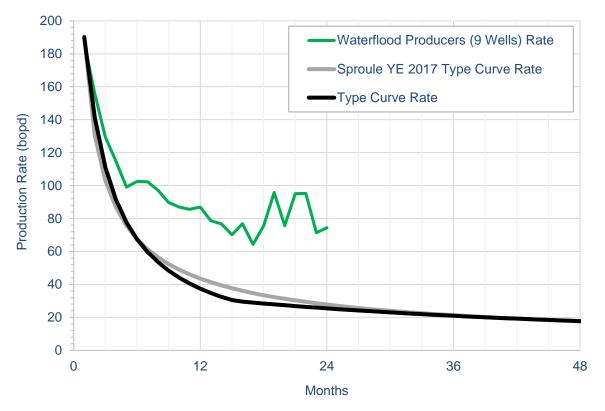
# **Play Attributes:**

- Upper Shaunavon is a 65 foot thick sandstone/shale sequence (net pay up to 42 feet)
- Shallow marine shoreface sandstone
- Depth 4,200 feet (8 hz wells per sq mile)
- Porosity: 12-18%, Perm Ave 10-12 md
- Upper and Lower Shaunavon are developed separately (>10 year inventory)
- Lower Shaunavon deposited in as a shallow marine carbonate bank, up to 50 feet thick
- Frac: Cemented Liner, 24 stages, 10 tons/stage



# **UPPER SHAUNAVON WELL TYPES AND ECONOMICS**





### 2018 Type curve and economics (CAD\$)

### **Primary**

- Well cost \$1.35M
- EUR = 105 MBOE (100% Oil)
- 12% RF
- NPV8/well = \$1.7M
- IRR = 106%
- PIR0 = 2.2x

### **Waterflood**

- Conversion cost \$450K
- EUR = 353 MBOE (well pair)
- 100% Oil

### 20% RF Case:

NPV8/well = \$2.3M

• IRR = 85%

• PIR0 = 3.6x

### 30% RF Case:

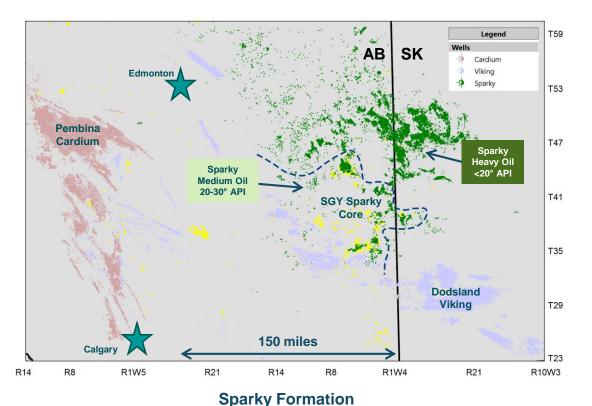
- NPV8/well = \$2.7M
- IRR = 86%
- PIR0 = 6.2x

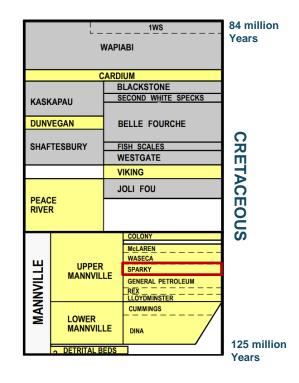
\* SGY Guidance pricing: 2018 - US\$57.50/bbl WTI, US\$42.00/bbl WCS, US\$54.50/bbl EDMN, AECO: C\$1.85/MMBtu; a 1.5% per year inflation rate was applied. An inflating CAD/USD exchange rate of \$0.77 (to max of \$0.90 by 2034) was assumed.



# SPARKY: CRETACEOUS UPPER MANNVILLE (11 BBOE IN PLACE)

### **Shallow, Conventional Marine Sandstone Reservoir**





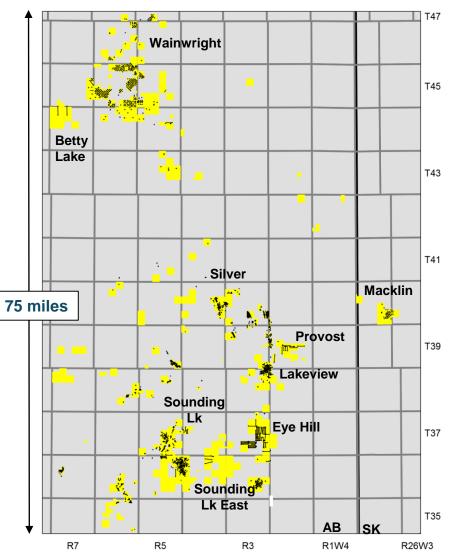
# Prograding Shorefaces & Wave Dominated Deltas -65 ft -105 Million Years Old at a Depth of ~2400 ft

 Surge's Sparky core area is dominated by conventional shallow marine sandstone reservoirs and resides in the light to medium oil window



# **SOUTHEAST ALBERTA**

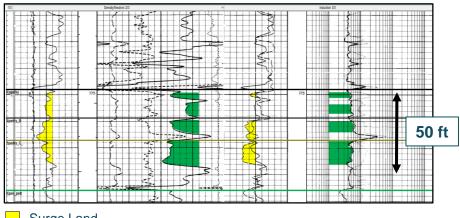
650 MMBBLS NET OOIP (23-31° API), over 300 drilling locations, 10 year inventory



# **Play Attributes:**

- Sparky: Delta and Shoreface Sands with pay up to 60 feet
- Depth: 2,400 feet (8 hz wells per sq mile)
- Porosity: 18-30%, Perm Ave 20-40 md
- Over 10 year drilling Inventory
- Frac: Cemented Liner, 24 stages, 12 tons/stage

# **Sparky Type Log**

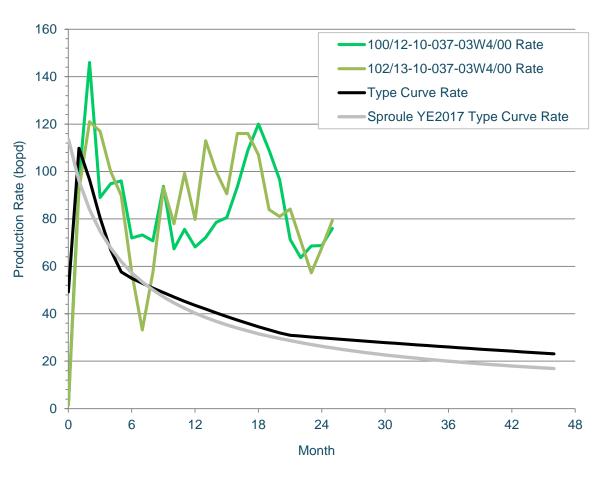


- Surge Land
- Surge Wells



# **SPARKY WELL TYPES AND ECONOMICS**

### **Eyehill SPKY - SGY Results vs Type Curve**



# 2018 Type curve and economics (CAD\$)

# **Primary**

- Well cost \$1.15M
- EUR = 140 MBOE (85% Oil)
- 9.5% RF
- NPV8/well = \$2.5M
- IRR = 154%
- PIR0 = 3.2x

### **Waterflood**

- Conversion cost \$750K
- EUR = 450 MBOE (well pair)
- 85% Oil

### 18% RF Case:

- NPV8/well = \$4.0M
- IRR = 133%
- PIR0 = 5.7x

2034) was assumed.

### 30% RF Case:

- NPV8/well = \$5.8M
- IRR = 137%
- PIR0 = 10.3x
- \* SGY Guidance pricing: 2018 - US\$57.50/bbl WTI, US\$42.00/bbl WCS, US\$54.50/bbl EDMN, AECO: C\$1.85/MMBtu; a 1.5% per year inflation rate was applied. An inflating CAD/USD exchange rate of \$0.77 (to max of \$0.90 by

SURGE

# STACKED LIGHT OIL PAY - VALHALLA

Multi Zone, Light Oil Prone Area: Doe Creek, Charlie Lake, Doig and Montney: >258 mmbbls ooip, 10 year drilling inventory

# **Doig Type Log Doe Creek Oil** Pool >57 MMbbls 150 ft **Montney B Oil Pool** 32 MMbbls OOIP Doig Oil Wells Montney Oil Wells Charlie Lake Oil Wells Surge Op Wells **Doig Oil Pool** 150 MMbbls Doe Creek Oil Wells 26 miles

### **Valhalla Area Attributes**

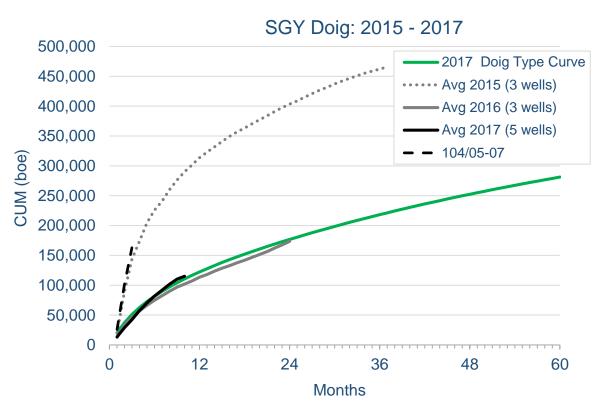
- Triassic Near Shore, Shelf Margin and Turbidite Deposits
- Doig: Porosity 5-9%, Perm: 0.1 -100 md
   Net pay up to 165 feet
   Coquina and Dolomitic Sandstones
   Frac: Ball drop, 24 stages, 35 tons/stage
- Montney: Porosity: 9-14%, Perm: 0.1 to 10 md Net Pay up to 60 feet

### **Stacked OOIP:**

Formation	Depth (ft)	Net OOIP (MMbbl)	Current Recovery	
Doe Creek	2,300	57	26.9%	
Charlie Lk.	6,200 >20		0%	
Doig (Shelf Margin)	6,700	150	3.6%	
Montney (Turbidite)	7,200	32	8.8%	
Totals	-	>258	9.1%	



# DOIG WELL TYPES AND ECONOMICS



# 2018 Type curve and economics (CAD\$)

### **Primary**

- Well cost \$3.8M
- EUR = 577 MBOE
- 45% Oil (55% Oil & NGL)
- 16.3% RF
- IRR = 139%
- PIR0 = 2.4x

\* SGY Guidance pricing: 2018 - U\$\$57.50/bbl WTI, U\$\$42.00/bbl WCS, U\$\$54.50/bbl EDMN, AECO: C\$1.85/MMBtu; a 1.5% per year inflation rate was applied. An inflating CAD/USD exchange rate of \$0.77 (to max of \$0.90 by 2034) was assumed.

