



**FREMONT**  
PETROLEUM CORPORATION

**Developing Colorado's Next Major Oilfield**

# FPL – Oil & Gas Production & Development Company



Operate in Fremont County CO – Florence Oilfield

## Overview

Shares on issue (ASX:FPL)	197 million
Total # Shareholders	1383
Enterprise Value (EV)	\$8.5 million
52 week high (\$/share)	\$0.10
52 week low (\$/share)	\$0.03

## Board & Management

Executive Chairman – Guy Goudy

Managing Director & Chief Executive Officer – Tim Hart

Non-Executive Director – Stuart Middleton

Non-Executive Director – Andrew Blow





# Largest Producer in Fremont County - 26 Producing Wells

- Field supports 500 additional well locations





# Hands On Management Team --> Very Low Cost Development

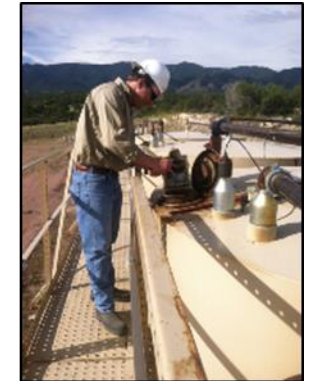
- Only ASX listed company that has exclusive access to its own suite of drilling equipment
- Manage & operate all equipment internally
- No daily rental fees
- Vertical well costs of ~US\$500,000 per well
- Profitable at \$30/Barrel WTI
- We Control all aspects of our Development



*Guy Goudy  
Connecting blooie line*



*Timothy Hart  
Drilling*

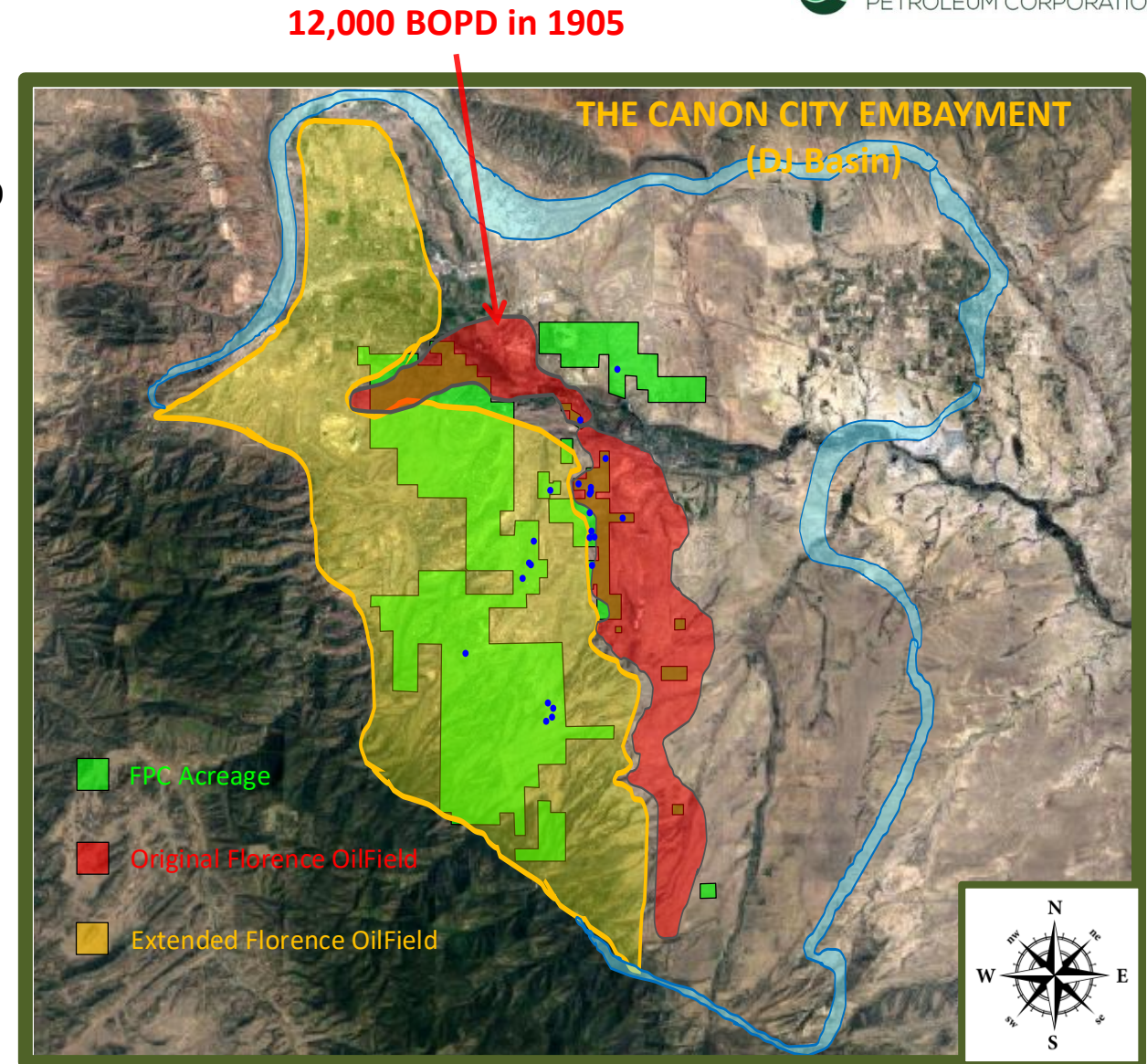


*Aaron Goss  
Pumping*

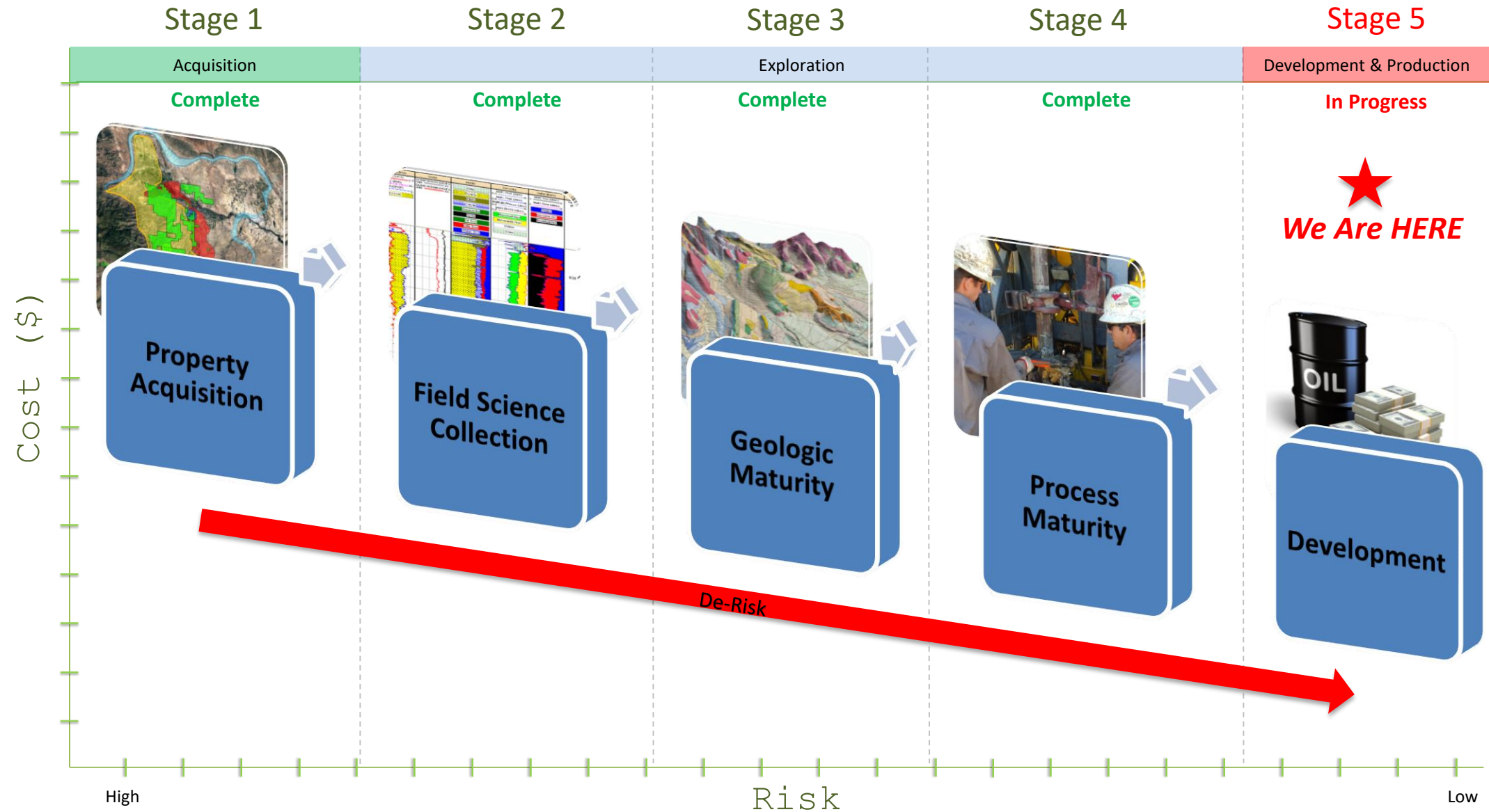


# FPL & The Florence OilField

- Red section (old field) - 15,000 acres
  - Has produced 16.4MBO
  - Max Production 12,000 BOPD – early 1900's
  - Field abandoned – more drilling success in other fields in CO
    - Vertical Fractures – could not locate
    - Drilling with Horse & Cart – shallow depths
  - From 2008-2011 technology was applied -> 1400 BOPD
  - We hired the Geologist responsible for that success
- Yellow section (field extension) – 40,000 acres
  - Very little development
  - Property reserved for Gold & Coal mining for 150 years
  - FPL – first to secure oil & gas rights
  - Testing proves that as we move from East to West the field gets more prolific
- Green Section (FPL Current Acreage Position) - 18,000 acres
  - P90 Recoverable Resources = 71.7 MMBOE
  - NPV10 Proved & Probable (1P + 2P) = \$14,397,000
  - 26 producing oil wells – shown in blue
  - Approx. \$70K/mo production revenue @ \$45/barrel WTI
  - 100% WI



# The Profit Stage of Our Business Cycle!

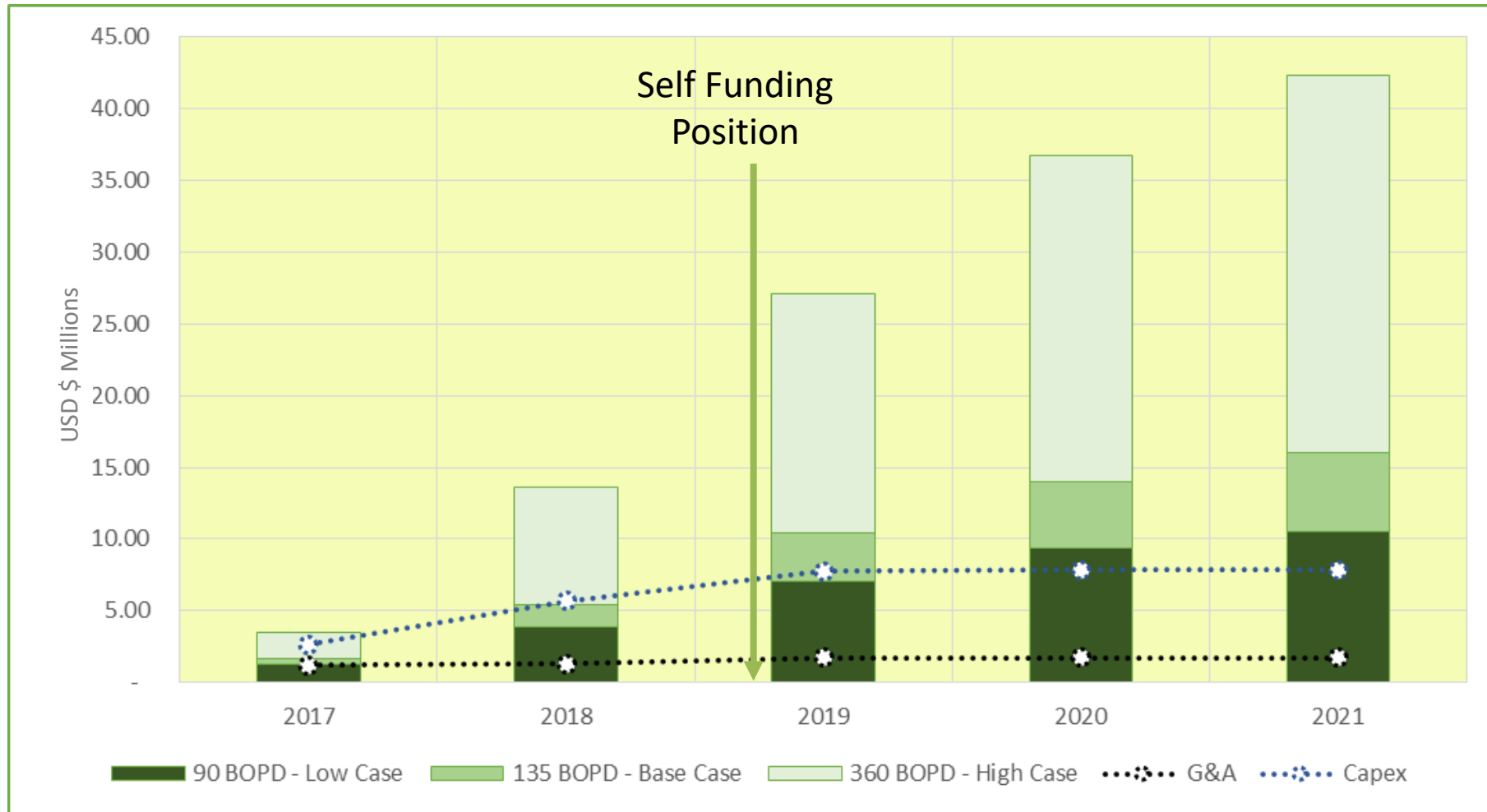


# Aggressive Drilling Schedule to Commence in June

- Drill 47 wells in the next 5 years starting in June

Drilling plan		
Year:	Wells drilled:	Cumulative wells drilled:
2017	3	3
2018	8	11
2019	12	23
2020	12	35
2021	12	47

# Well Economics – Net Revenue to Fremont





# Single Well Economics

One of the lowest cost producers in the Industry – Base case well pays back in 6 months

NPV & IRR Calculations			
<b>IP (BOPD)</b>	<b>90</b>	<b>135</b>	<b>360</b>
NPV (\$US Millions)	1.002	1.76	5.543
IRR (%)	175	462	14377
Payback (years)	0.71	0.38	0.13

\*\*Potential Economics based on nearby production  
 \*\*Assumed Drilling costs = USD\$500k/well  
 \*\*Royalty = 25%, Severance Tax = 2%  
 \*\*10% Discount

Lifting cost & Barrels Produced	
Production (BOPD)	Lifting Cost (\$US)
80	\$5.32
100	\$4.70
250	\$1.88
500	\$0.94
1000	\$0.47

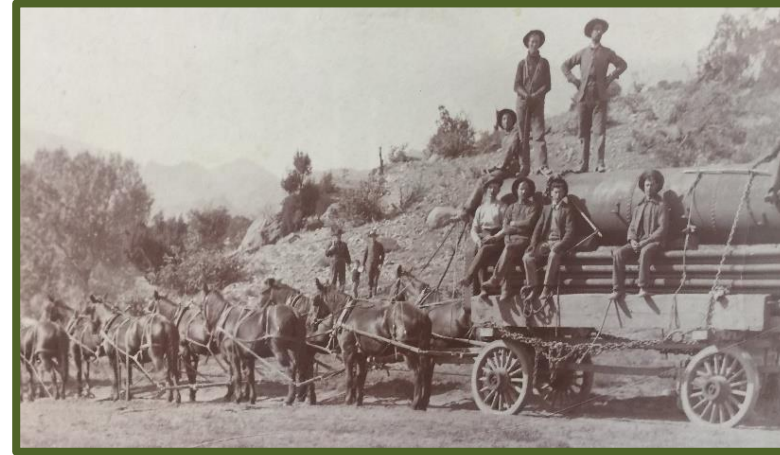
\*\*NRI = 75%  
 \*\*Assumes \$50/bbl of oil for 12 months  
 \*\*340 production days/year  
 \*\*Lease Operating Costs = \$10k/month  
 \*\*Lease Costs are forecasted not to exceed \$10k/month for 12 months  
 \*\*Excludes Tax

# Florence Oil Field – Then and Now

## Then:

- Production of circa 12,000 BOPD
- Cumulative production of circa 16.5 million barrels
- Drilling with horse and cart – very shallow depths
- No modern science or mature drilling techniques
- Approximately 8,000 acres

1890



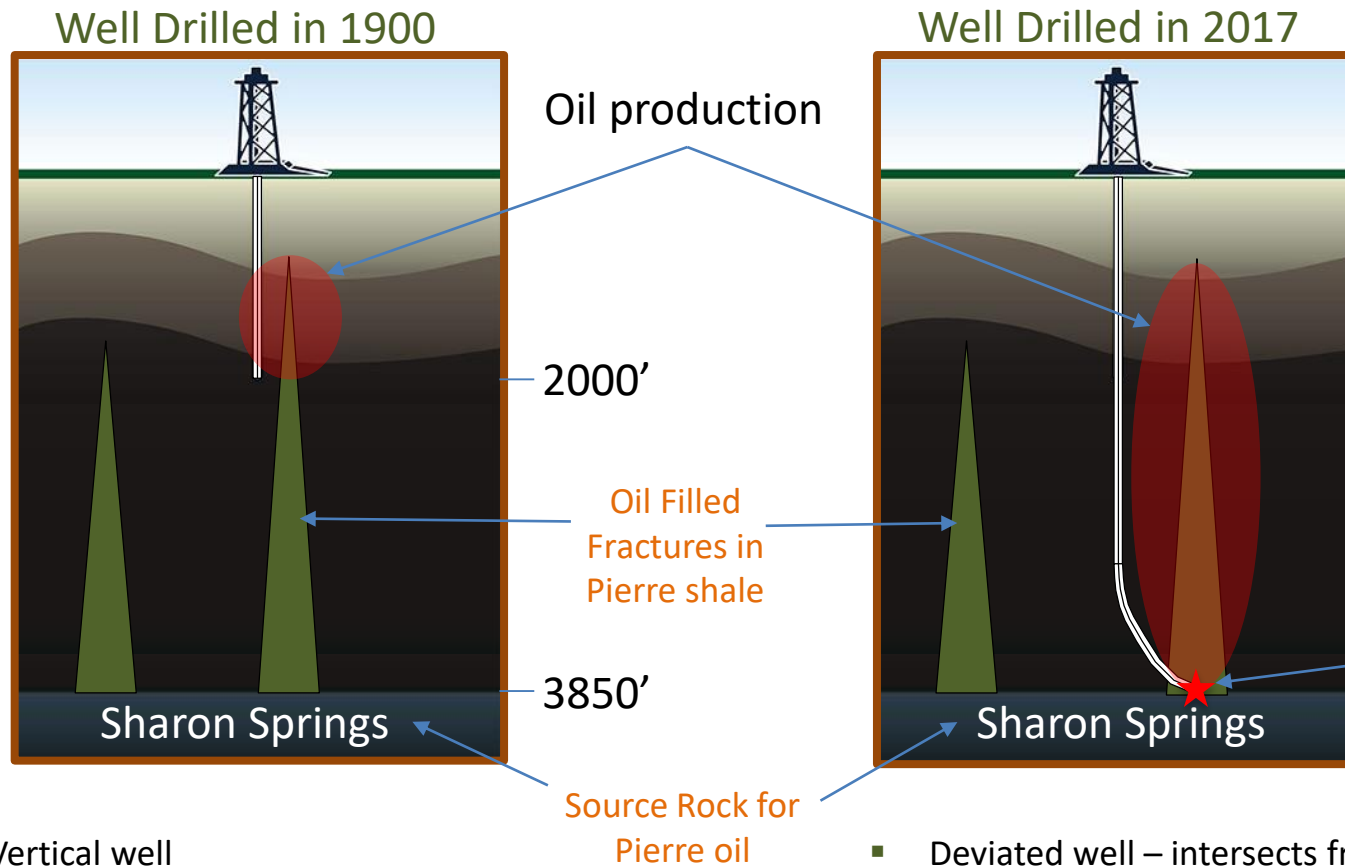
## Now:

- Highly advanced drilling techniques
- High definition 3D seismic
- Sophisticated surface geochemistry
- 110 years of technology advances in drilling, geology, geophysics & engineering
- Approximately 55,000 acres

2017



# Significant Amounts of Oil Remain in the Field



- Florence oil field was largely abandoned due to lack of technology.
- Vertical fractures are hard to drill into without knowing where they are.
- Early success rates for drilling were only 10%.

Most optimum point for gravity fed oil drainage

- Vertical well
- No way to identify vertical fracture
- No way to detect oil at surface
- Shallow depths (2000') - all oil is not drained

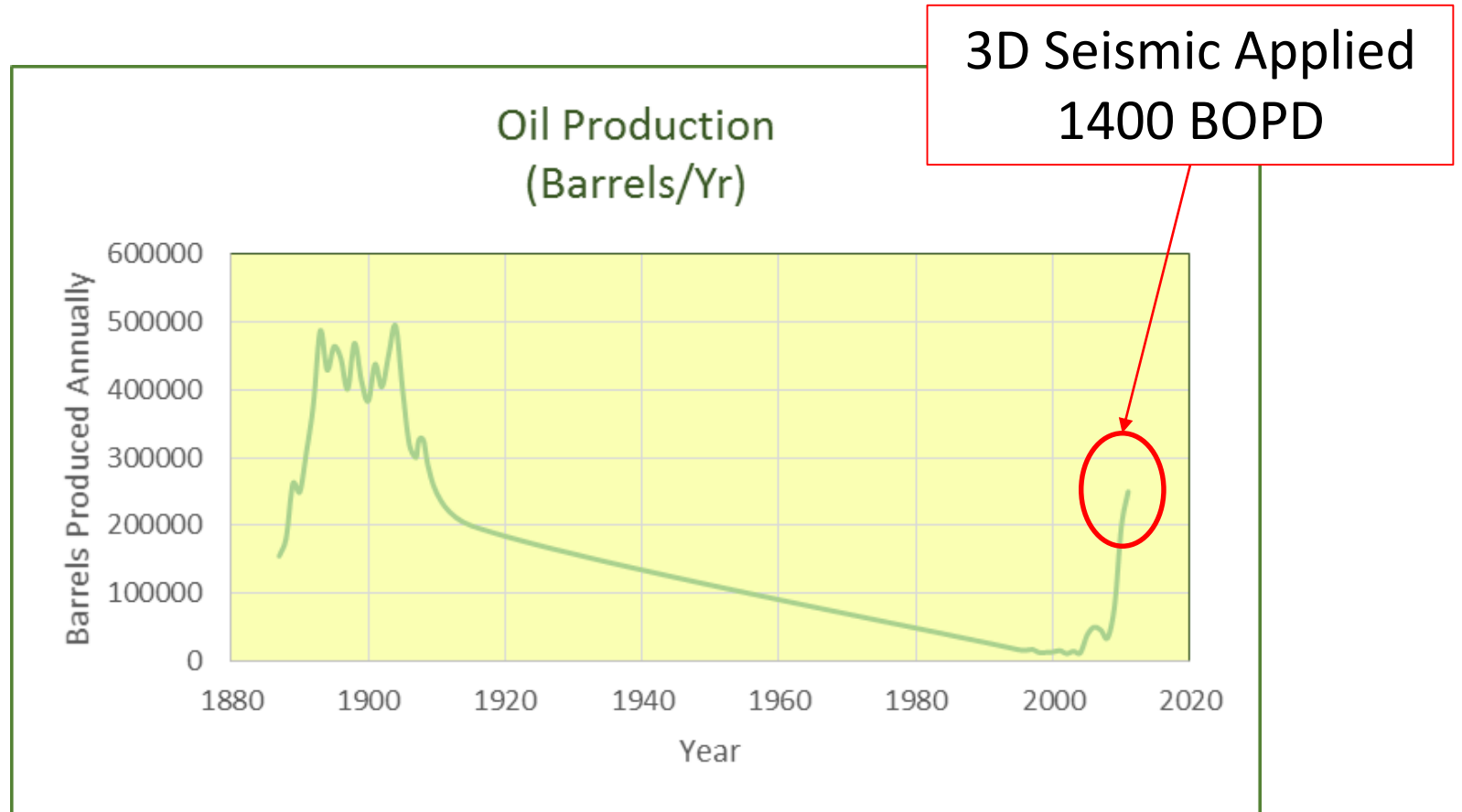
- Deviated well – intersects fracture at bottom
- High def 3D seismic pinpoints fracture
- Surface geochem identifies oil & gas from surface
- Deviated well drains entire column of oil from fracture

**\*\*\* Gravity drain field = No Fracing = Very Low Well Cost \*\*\***

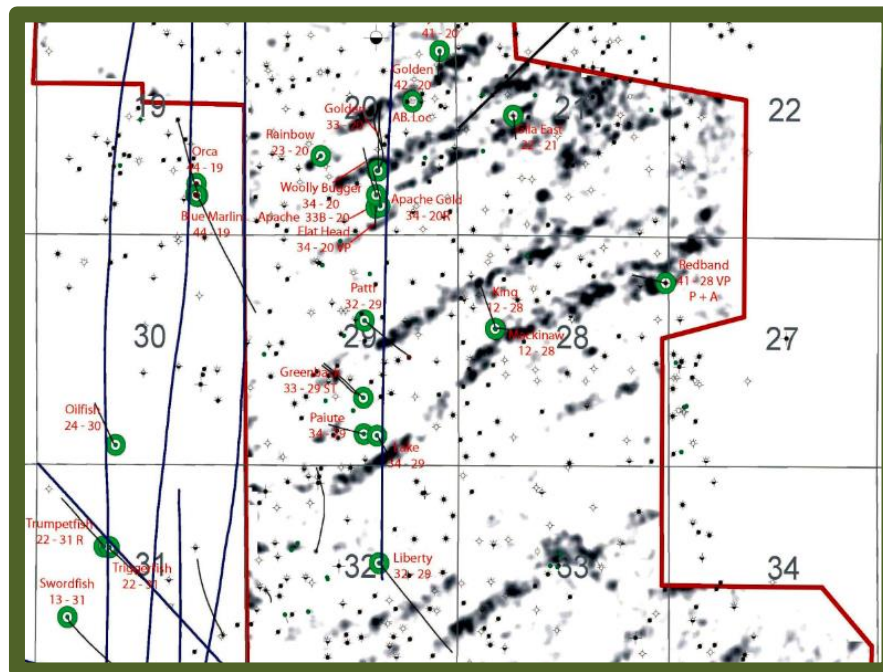


# Applying Technology Works

- From 2008-2011 3D Seismic was used to identify the Pierre fracture systems
- During this time 22 successful wells in a row were drilled averaging 135 BOPD
- Total Field production during this time was 1400 BOPD



# Fremont has the the region's most experienced geologist



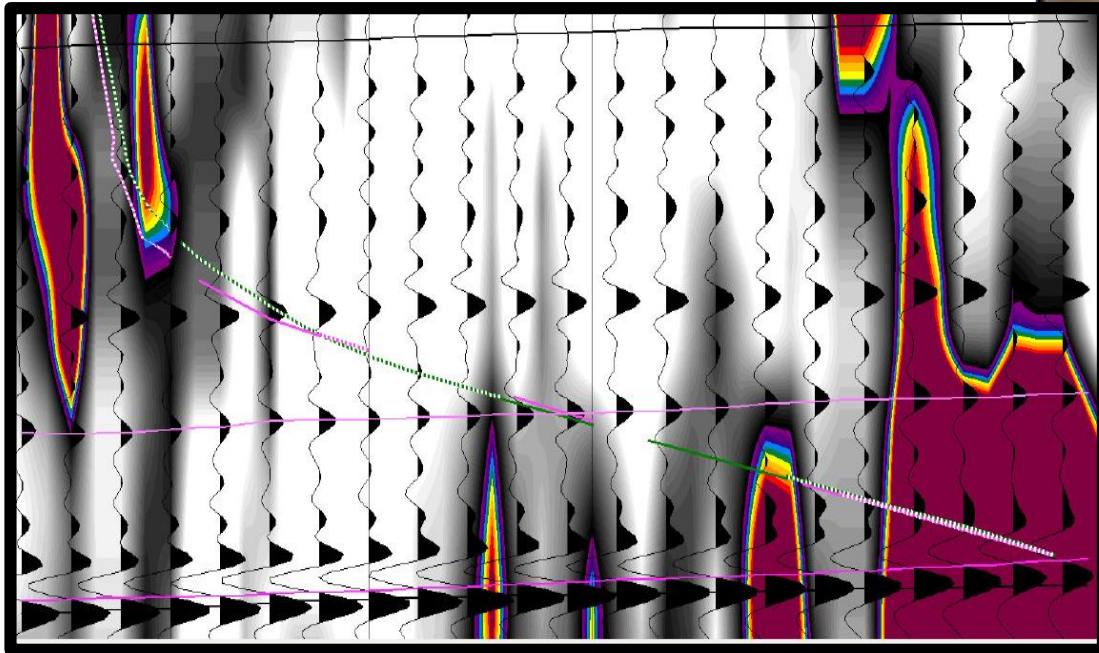
- Vanessa Lintz
- The most successful geologist that has worked Florence Oil Field
- Increased Florence field production by 4,000% to 1,400 BOPD early 2000
- Avg IP 135 BOPD
- Selected 22 successful well locations in a row
- Joined the FPC team in 2017

21 Adjacent Pierre Wells - 2015 Production Data				
Well	Well Type	IP Date	Initial Production	Cumulative Production (2015)
Apache	Vertical	Oct-08	46	10,030
Dolly Varden	Vertical	May-10	30	14,995
Elliot Ness	Vertical	May-11	248	27,325
	<b>Averages</b>		<b>108.00</b>	<b>17,450</b>
Well	Well Type	IP Date	Initial Production	Cumulative Production (2015)
Liberty	Horizontal	Jun-10	171	56,635
Buck Garrett	Horizontal	May-11	35	12,343
Swordfish	Horizontal	Nov-11	70	7,820
Blue Marlin	Horizontal	Nov-11	48	11,903
Oilfish	Horizontal	Dec-11	204	38,928
	<b>Averages</b>		<b>105.60</b>	<b>25,525.80</b>
Well	Well Type	IP Date	Initial Production	Cumulative Production (2015)
Golden	Deviated	Oct-08	60	69,683
Rainbow	Deviated	Oct-08	20	9,922
Flathead	Deviated	Sep-09	95	40,807
Apache Gold	Deviated	Jun-10	90	18,867
Lake	Deviated	Jul-10	321	193,933
Patti	Deviated	Jul-10	158	16,885
Woolly Bugger	Deviated	Jul-10	98	29,969
Greenback	Deviated	May-11	176	16,678
Mackinaw	Deviated	Apr-11	200	23,088
Triggerfish	Deviated	May-11	98	24,289
Paiute	Deviated	Nov-11	360	130,701
Trumpetfish	Deviated	Dec-11	20	2,079
King	Deviated	Nov-11	70	9,897
	<b>Averages</b>		<b>135.85</b>	<b>45,138.31</b>
			<b>124.67</b>	<b>766,777.00</b>
			<b>Avg IP</b>	<b>Total Cum Production</b>

# We Know Where the Fractures Are!

High definition 3D seismic accurately locates high density fracture networks

Seismic Analysis Identifies SubSurface Fractures

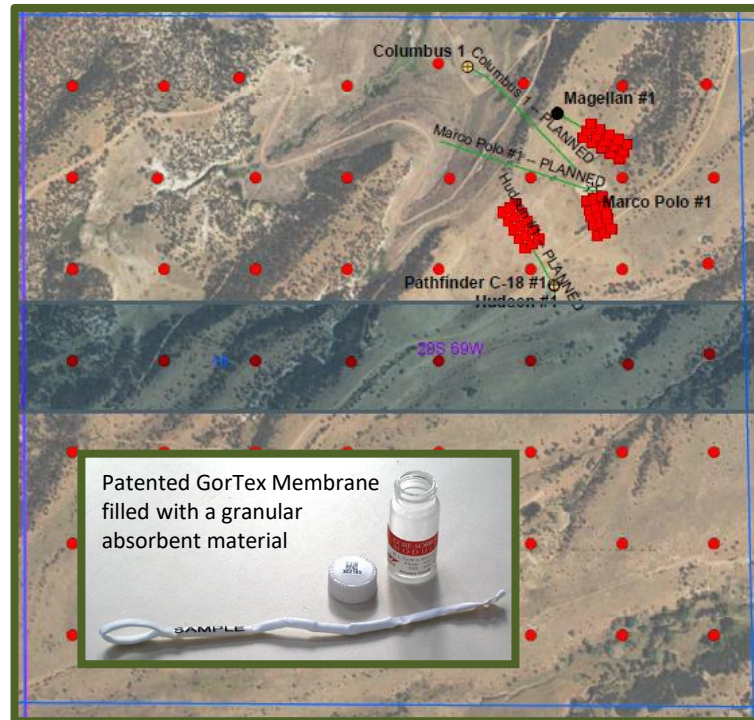


3D seismic vib trucks on location at Pathfinder

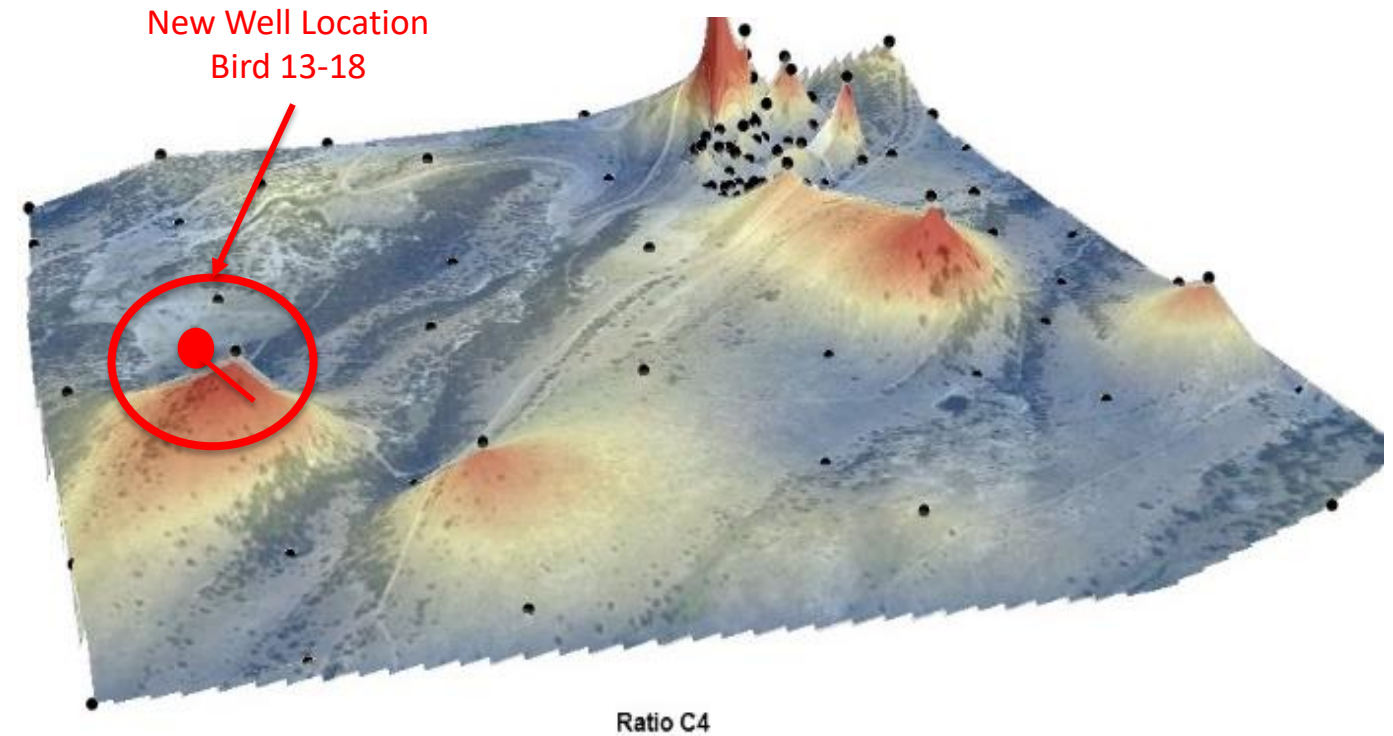


# We Know Where the Oil Is!

Highly sophisticated surface geochemistry analysis identifies oil under the surface



- Membranes buried 3' below surface
- Collected 21 days later
- Analyzed in Lab for over 100 compounds (C2-C20)



- Peak red areas show Pierre oil signatures seeping through to surface

# Four Wells Drilled, Field De-risked and Extension Proved

## C11/12 HZ



- Producing Oil & Gas
- IP 403 BOEPD
- Niobrara
- Horizontal
- Logs Correlate with Wattenberg

## Magellan



- IP 98 BOPD
- Pierre
- Deviated
- SRA Maturity

## Marco Polo



- Flaring Gas
- Pierre
- Deviated
- SRA Maturity

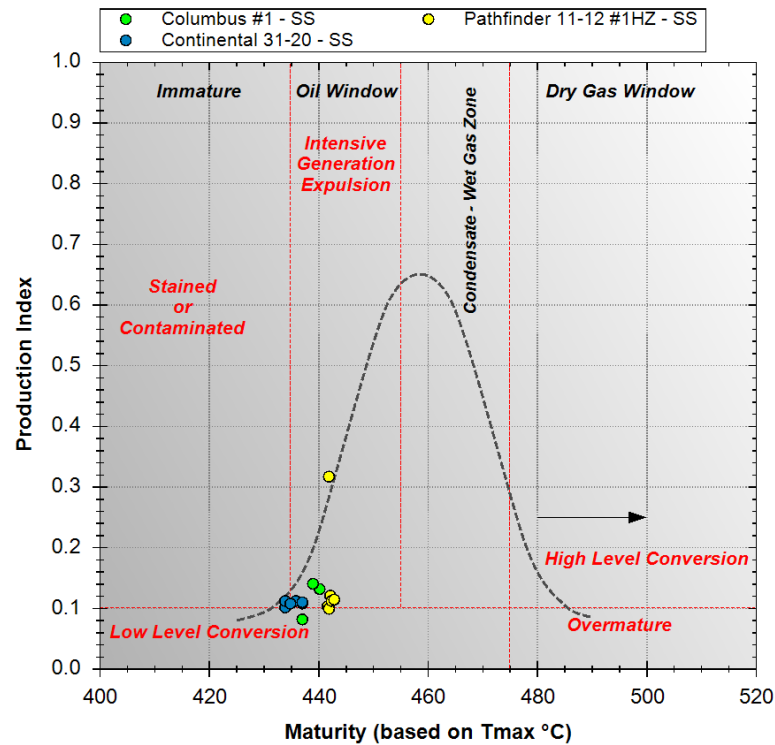
## Columbus



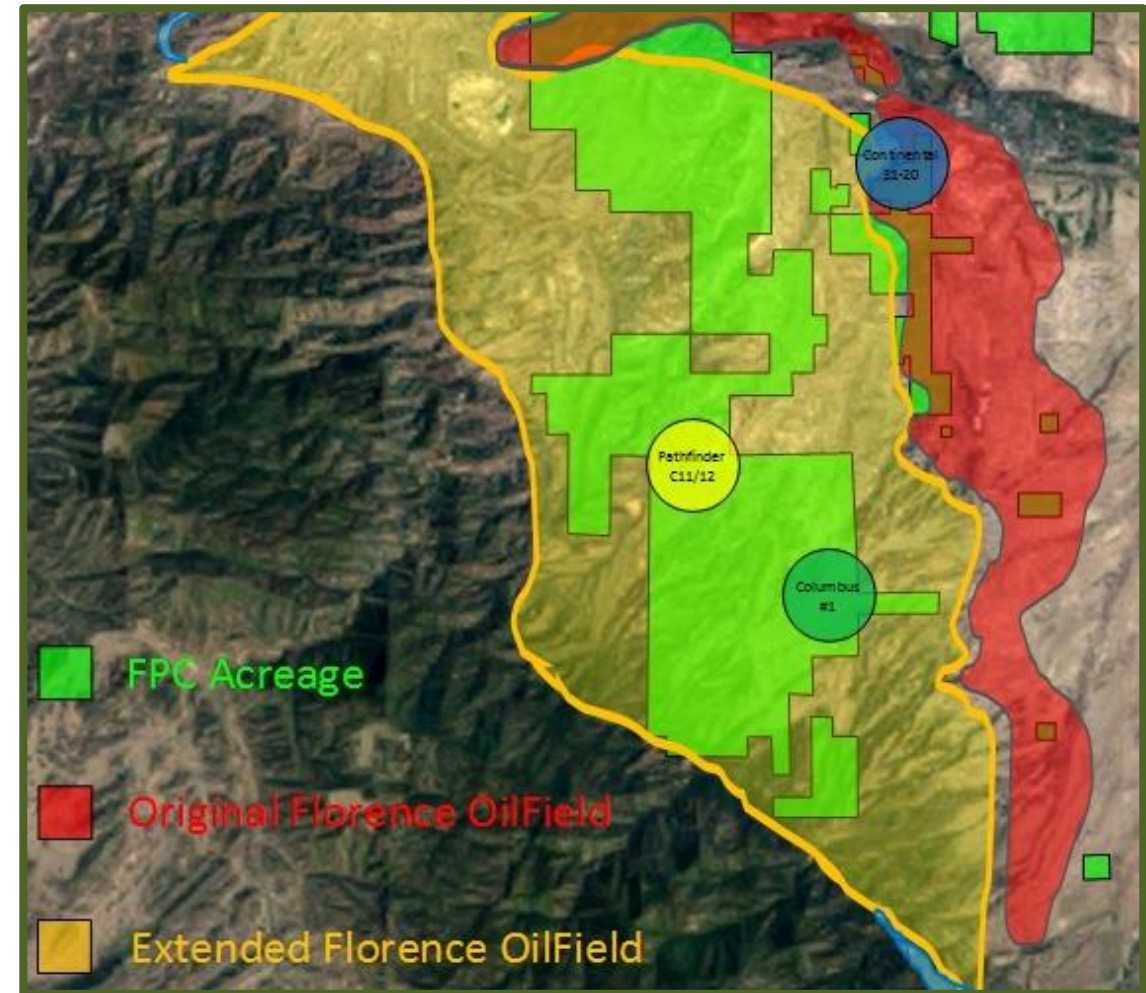
- Flaring Gas
- Pierre
- Deviated
- SRA Maturity



# Field Extension Confirmed Through Source Rock Analysis



Source Rock Analysis conducted by Weatherford Labs shows the kerogen maturity increasing as we move from East to West across the field.





# Validation from Gustavson & Associates

## Independent Study Results

### Third party Resource & Reserves Calculations

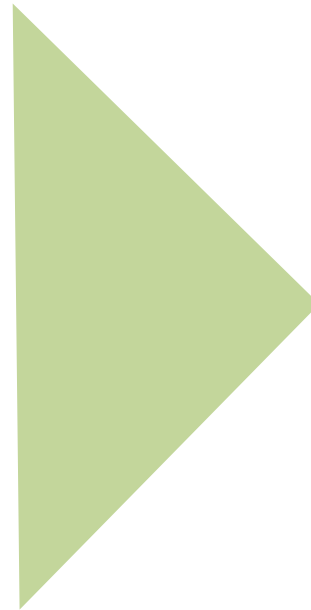
### 100 Million Barrel Oil Potential

<b>Summary of reserves and projected cash flow</b>			
<b>Reserves Category</b>	<b>Net oil (Mbl)</b>	<b>Net Gas (MMCF)</b>	<b>NPV10 (thousands \$US)</b>
Proved (1P)	327.27	0.00	2,214.86
Proved + Probable (2P)	1504.65	464.01	14,396.96
Proved + Probable + Possible (3P)	1560.22	464.1	15,847.89

<b>Summary of resources</b>			
<b>Resource Category</b>	<b>P<sub>90</sub></b>	<b>P<sub>50</sub></b>	<b>P<sub>10</sub></b>
Contingent Oil Resources (MMBbl)	34.9	47.0	57.6
Contingent Gas Resources (BCF)	220.7	285.2	336.6
Total Contingent Resource (MMBOE)	71.7	94.5	113.7

## Today

- \$8M Market Cap
- 100 BOPD
- \$80K/Month Revenue
- Proven Oil Resource
- Proven Process
- Competent Management



## The future

- Cash flow positive
- > 1000 BOPD
- > \$1M/Month Revenue
- Self Funding Development

# Contact Details & Disclaimer



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