



DOME ENERGY

# Investor Presentation

2018 | OIL AND GAS E&P COMPANY

# Introduction to Dome Energy

## OIL AND GAS EXPLORATION & PRODUCTION COMPANY

- **Listed on NASDAQ First North Exchange Sweden.** [ **Ticker: DOME** ]
- Market valuation **MSEK 182** (SEK 25/share)
- Headquarter in Houston TX. [ corporate office in Stockholm Sweden ]
- **Field Office locations:** Corbin KY, Thermopolis WY, New Harmony IN.
- **12 Full-time Employees**
- Diversified Portfolio of conventional and unconventional assets located onshore US.
- World class shale asset in Illinois Basin

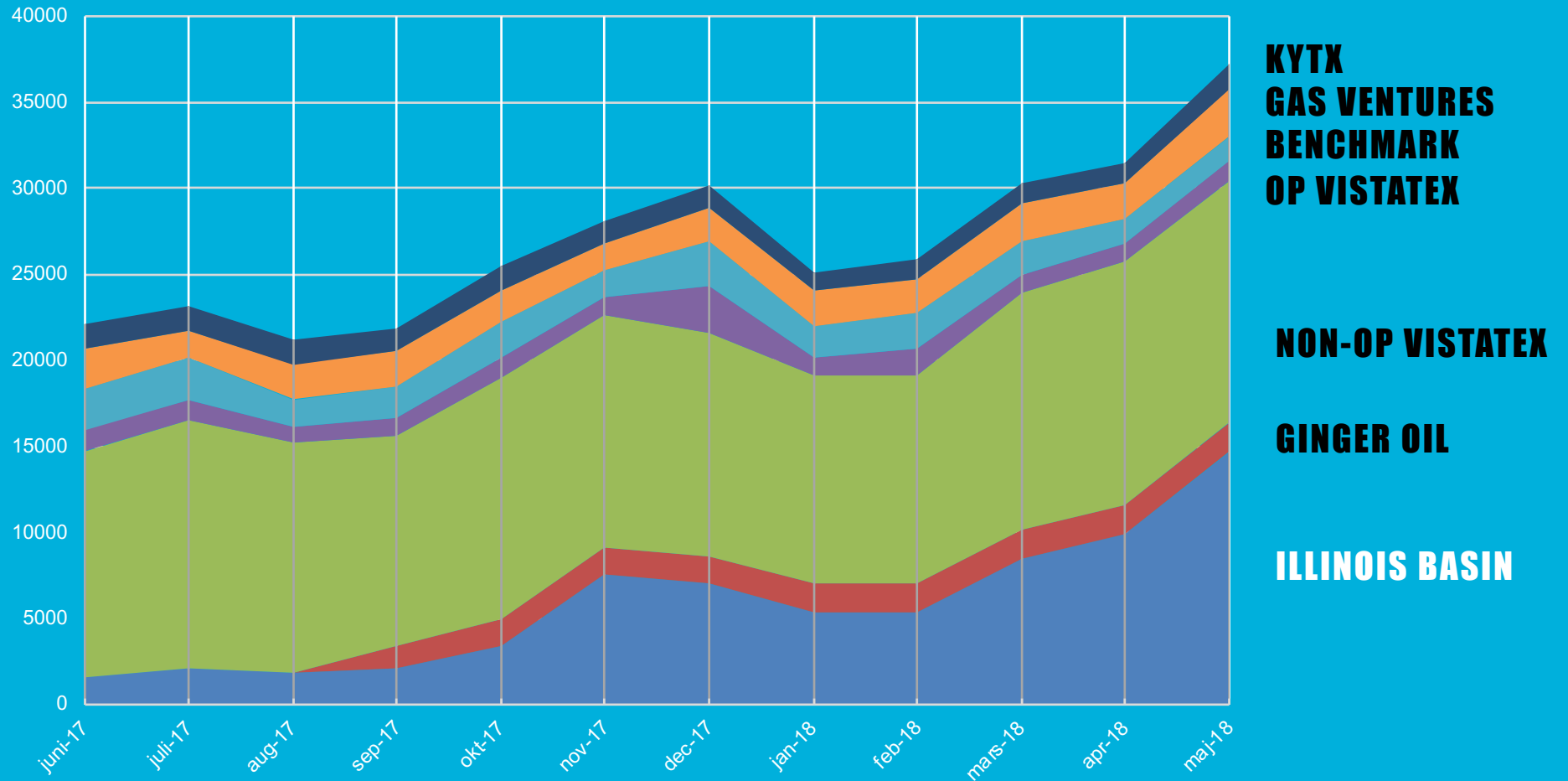
# Presentation Overview

- **Historical & Current Production**
- **Asset profitability**
- **Recent Development**
- **Development Inventory**
- **Well Economics**
- **Opportunities**
- **Asset Sales**

# Historical and Current Production

**DOM E ENERGY**  
**WORKING INTEREST PRODUCTION**  
 Excludes sold assets

**5/2017 – Illinois Basin Acquisition**  
**10/2017 – 4 Drilling program in Illinois Basin**  
**3/2018 – 6 well drilling program**



# Asset Profitability

## Operated Assets

- **Illinois Basin** – PPB of **\$37.26** @ WTI of \$60
  - Includes workover costs
- **Benchmark Oil & Gas** (Texas and Brown 2-12) – PPB of \$23.72
  - PPB will increase as wells are retuned to production
- **Gas Ventures** – Wyoming – PPB of \$5.84
  - High operating expenses due to submersible pumps. Focusing on rod lifted development

## Non-Operated Assets

- **Vistatex Portfolio** – PPB of \$19

PPB - **Profit Per Barrel**

# Recent Development...

## **May 2017 purchase of 9 producing wells and 1000 acres in the Illinois Basin**

- 70 BOPD production
- 32 Drilling locations
- PV9 \$14.4MM with new wells

## **Completed 4 well drilling program on the acquired acreage in October 2017**

- **Peak production of 230 BOPD**

## **Completed 6 well drilling program on the acquired acreage in April 2018**

- **Peak production of 600 BOPD currently producing 500 BOPD**

## **Closing on leases that bolt on to existing acreage**

- **Total of 166 locations of which 108 are considered premium (in the heart of the play)**
- Grass roots leasing of \$100 to \$175 per acre or \$2,000 to \$3,000 per location
- Higher NRI of 81.25% (original wells purchased were 75% NRI)
- Expected EUR of 55 + MBO with larger fracture stimulations of 400,000 to 500,000 lbs of sand and 25,000 bbls of fluid resulting recoveries of 400 BOE per foot of net pay
- Sand concentrations of 4000 lbs per foot is comparable to many unconventional horizontal development plays

# Illinois Basin Results

## Payout

- 12,300 barrels of oil to payout wells at current oil prices @ 75% royalty
- First two wells brought on line the Glaze 11-11 and 11-12 are >50% paid out after 3-4 months of production.  
Expect payout in less than 9 months
- 11-12 at 7600 BO after 110 days of production, 11-11 at 6200 BO after 98 days of production both wells still above 60 BOPD
- All wells in latest program should achieve payout in 12 months or less.

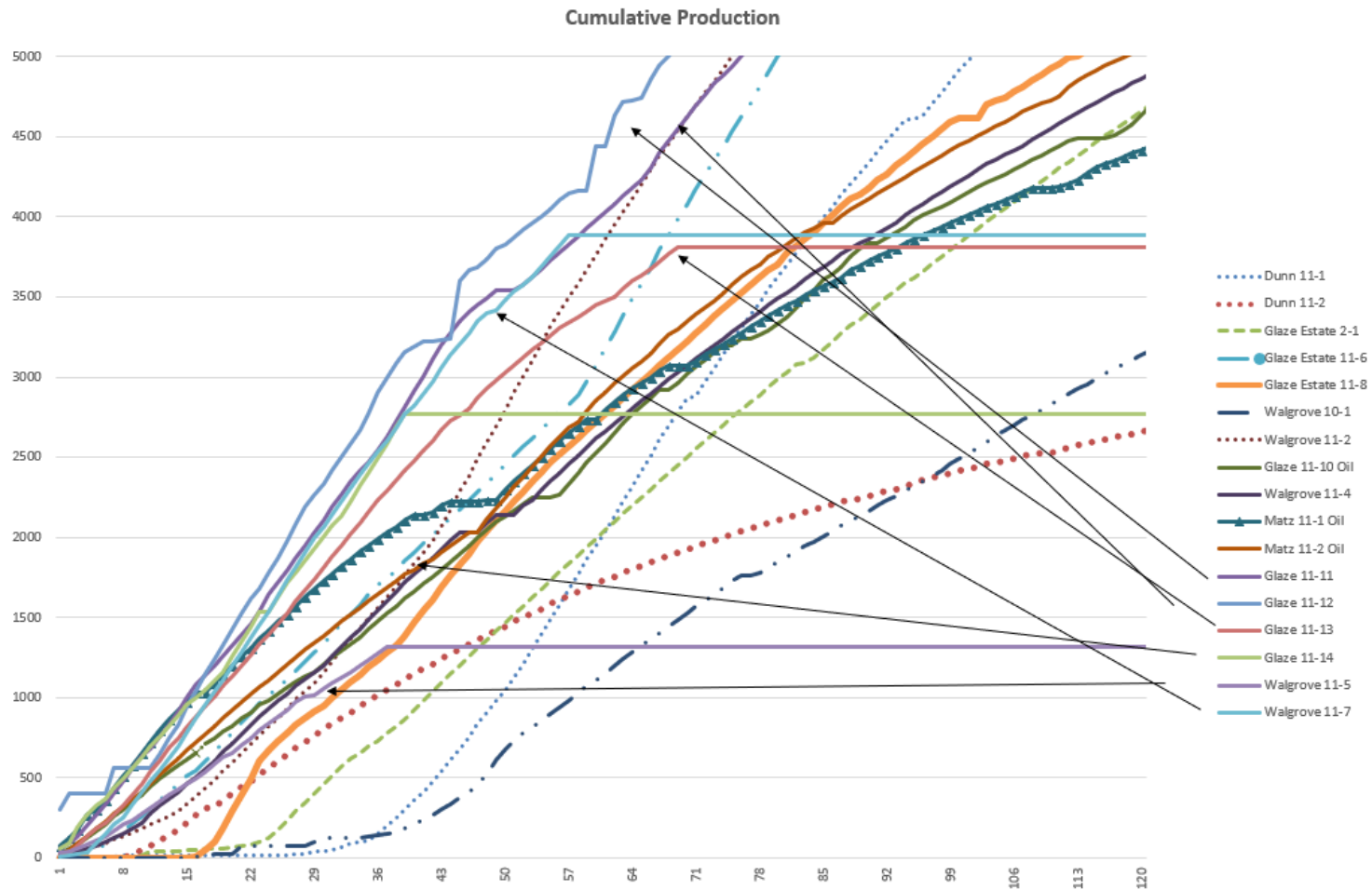
## Lifting Cost

- Lifting cost of less than \$13 per barrel on mature wells (5-15 barrels of oil per day)
- Average OPEX per well of \$1000-\$2000 per month

## Initial production

- Average 90 day IP of 47 BOPD from acquired wells
- Glaze 11-12 and Glaze 11-11 90 day IP of 78 BOPD and 63 BOPD respectively
- Glaze 11-12 had several flowing events above 200 BOPD from St. Gen zone
- Glaze 11-14 – 40 day IP of 70 BOPD (still producing at 80 BOPD)
- Glaze 11-13 – 66 day IP of 56 BOPD
- Walgrove 11-7 – 53 day IP of 71 BOPD and producing at 65 BOPD (exceptional in the fact that it had only 85' of net pay)
- Walgrove 11-5 – 34 day IP of 40 BOPD (pumping back frac load from largest frac pumped to date)

# Illinois Basin – Well Performance

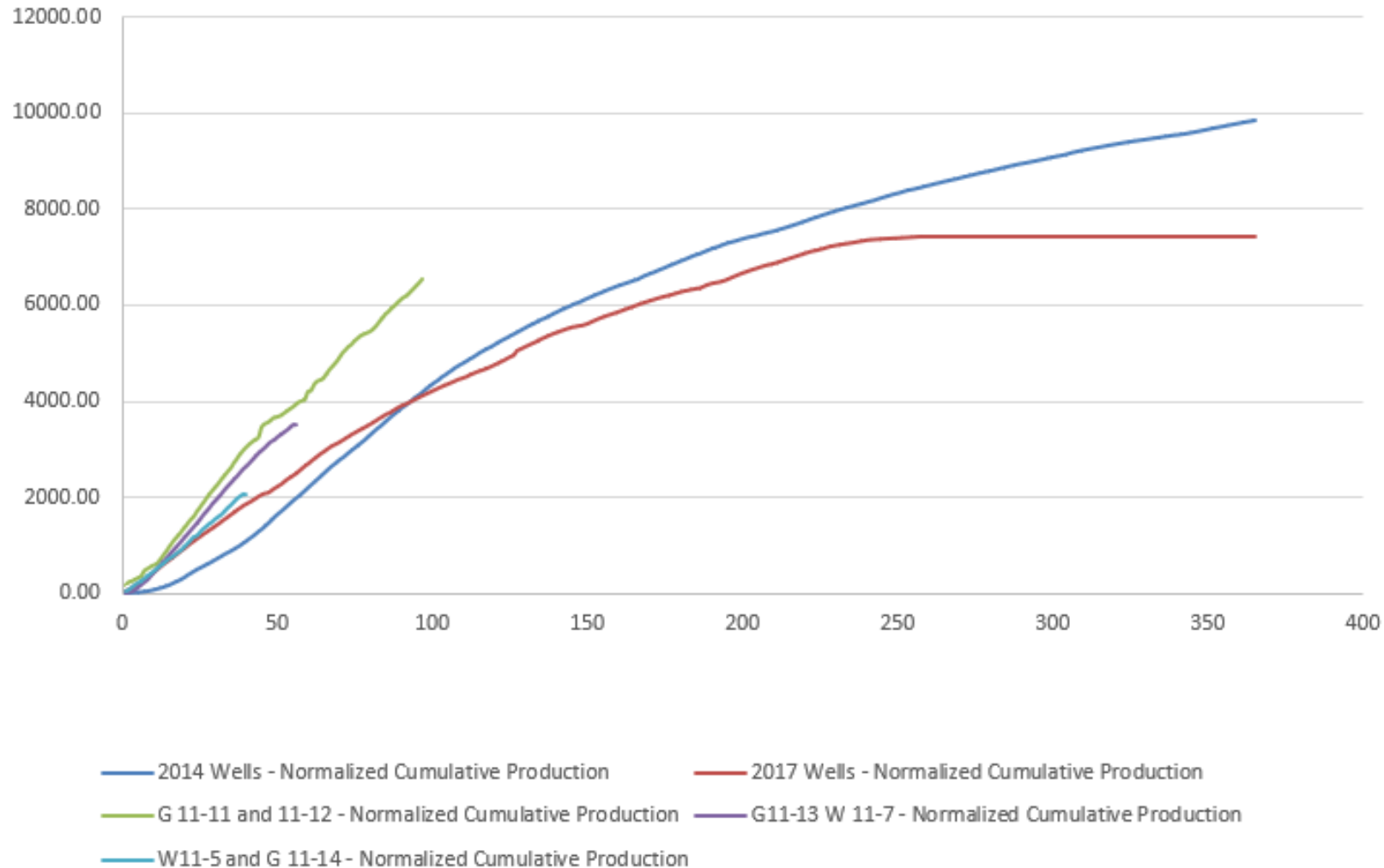


## Results

Increased stage density and proppant concentration has resulted in increased 90 day IP's, reduced payout time and decreased occurrences of sub-type curve wells.



# Illinois Basin – Well Performance



# Development Inventory

## **Unconventional Stacked Mississippian Carbonate play in the Illinois Basin**

- 108 premium locations and growing
- Concept can be applied to a large regional area in the Illinois basin
- Lower geologic and drainage risk when compared to development of mature conventional oilfields
- Recoveries per 640 acres is estimated to be 1.65 MMBO
- Finding and Development costs with our current type curve of 55 MBO is \$10.80 per barrel which is comparable to Pioneer Natural Resources (Feb 6, 2018 @ \$9.50 per BOE) and EOG Resources (Feb 27, 2018 @ \$8.71 per barrel) that were reported in recent year-end press releases

## **Conventional mature field development**

### **Water Creek – Wyoming – Downspace drilling**

- Typically Phosphoria fields are developed on 10 – 20 acre development and is currently 80 acers
- 8 locations on 40 acre spacing

### **Lake Creek – Wyoming - Infill drilling**

- 5 locations

### **Orangefield**

- Miocene and Frio development
- 24 locations primarily targeting Frio development with Miocene backup potential

# Well Economics

## WYOMING

- **EUR Range** – 50 to 100 MBO
- **IP Range** – 70 -150
- **CAPEX** – \$725,000
- \$8 **WTI differential**

### Water Creek Type Curve

|              |          |
|--------------|----------|
| Oil Price    | \$60 WTI |
| EUR          | 88 MBO   |
| IP           | 70 BOPD  |
| NPV10        | \$1,328M |
| ROR          | >100%    |
| Payout [yrs] | 1.48     |

# Well Economics

## ILLINOIS BASIN

- **EUR Range** – 40 to 60 MBO
- **IP Range** – 40-100 BOPD
- **CAPEX** – \$500,000 - \$600,000
- Depending on weather, frac size

### Mississippi Lime Type Curve

|              |          |
|--------------|----------|
| Oil Price    | \$60 WTI |
| EUR          | 55 MBO   |
| IP           | 70 BOPD  |
| NPV10        | \$812M   |
| ROR          | 77,5     |
| Payout [yrs] | 1.5      |

# Well Economics

## ORANGEFIELD

- **EUR Range** – 20 to 100 MBO
- **IP Range** – 40-150 BOPD
- **CAPEX** – \$450,000 - \$550,000
- Depending on depth and Location cost, frac size

### Miocene Type Curve

| Oil Price    | \$60 WTI |
|--------------|----------|
| EUR          | \$42     |
| IP           | 30 BOPD  |
| NPV10        | \$603M   |
| ROR          | 71,02    |
| Payout [yrs] | 2.9      |

### Frio Type Curve

| Oil Price    | \$60 WTI |
|--------------|----------|
| EUR          | 80 MBO   |
| IP           | 50 BOPD  |
| NPV10        | \$1,622M |
| ROR          | >100%    |
| Payout [yrs] | 1,24     |

# Opportunities...

## ILLINOIS BASIN

- **Significant opportunities to expand acreage footprint through grassroots leasing, farm-outs, development partnerships and company or asset purchases**
- **Producers in the basin have expressed interest in partnering with Dome in development and low risk exploration plays**
- **Prospect opportunities available through grassroots leasing and partnerships**
  - Stacked carbonate play has been produced outside the heart of the current play but have yet to be tested with slick water fracturing.
  - Currently evaluating two separate plays of over 2000 acres
  - Test well would cost \$500,000 and could open up a significant area for development

# Opportunities...

## WYOMING

- **300 MBO exploration target in the Packsaddle/Lake Creek area to test productivity on south side of fault.**
- **Potential to buy producing fields and apply water shut-off technologies and optimize artificial lift**

# ...Opportunities

## PORTFOLIO OPTIMIZATION AND REDEVELOPMENT

- **Mikeska field reactivation**
- **Lance field slick water fracturing recompletion**
- **Orangefield recompletions**
- **Concord Dome completion**
- **Pump upsize and water shut-off at Zimmerman Butte**



# Asset Sales

- **Recently announced sale of non-core asset in Louisiana**
- **Expect more sales to further reduce debt**

# Board and Management

## Company Management

### **Paul Mørch**

Chief Executive Officer and President

### **Marianne Brandt**

Chief Financial Officer

### **Alan Cooke**

Engineering & Operations Manager

### **Colin Moody**

Head Geologist

### **Victoria Allen**

Vice President, Dome Energy Inc

## Dome Energy AB Board of Directors

### **Håkan Gustafsson**

Chairman of the Board

### **Mats Gabrielsson**

Board Member

### **Petter Hagland**

Board Member

### **Paul Mørch**

Board Member

### **Knut Pousette**

Board Member

# Investment Opportunity

- High **Reserve Value**
- Low **Enterprise Value**
- Solid **Current** Operating cash flow
- Growing **Future** EBITDA
- Discount to **Peers**
- Stabilized **Oil Price**