

**CUSTOMER**  
Oil Co.

**DATE**  
12/18/2018

## Remarks

- This scenario based on 200 bopd for 5 wells.
- All AccessESP systems installed year 1.
- Scenario considers well with moderate working environment.

## Project Economics & Gains

**NUMBER OF WELLS**  
5 Wells

**DURATION**  
10+ Years

**INCREMENTAL OIL PRODUCTION**  
10+ Years

**NPV**  
15.3 MMUS\$

**IRR**  
61.1%

**PAYOUT PERIOD**  
2.1 Years

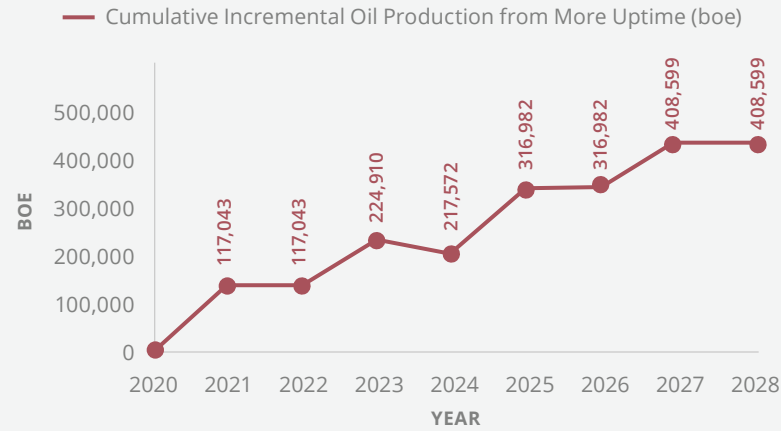
**UPTIME ACCESSESP**  
98.9% Average

**UPTIME CONVENTIONAL**  
84.5% Average

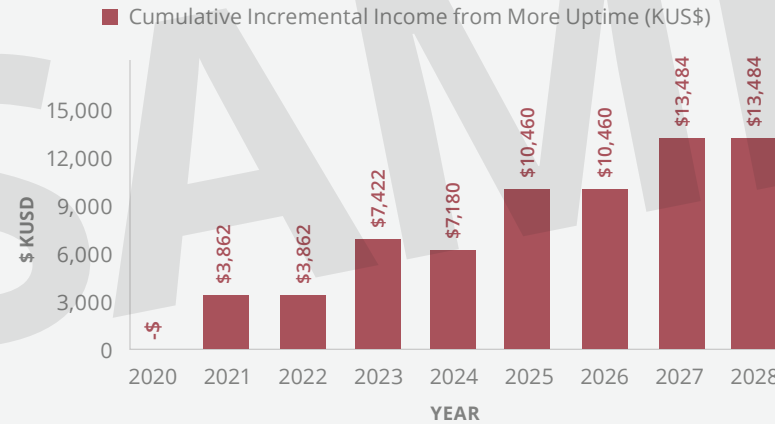
**Estimated Lifting Cost Decrease**

5.6MM US\$/barrel oil

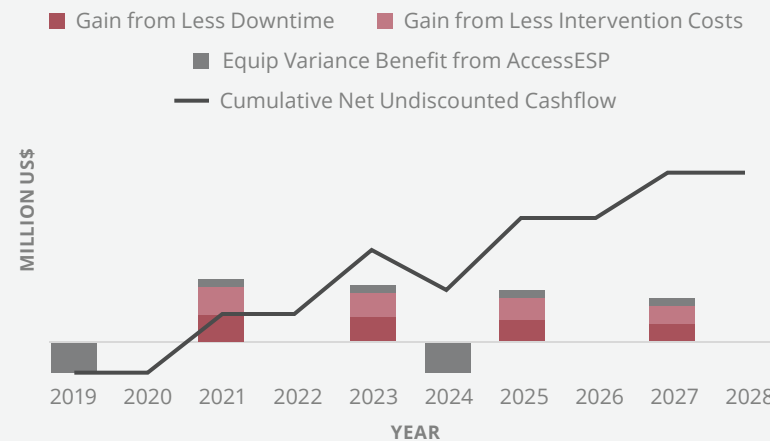
**CUMULATIVE INCREMENTAL OIL PRODUCTION FROM MORE UPTIME BOE BENEFIT FROM USING ACCESSESP (CASE 200BOPD/WELL -5 WELLS)**



**NET CUMULATIVE INCOME FROM MORE UPTIME KUSD BENEFIT FROM USING ACCESSESP (CASE 200BOPD/WELL -5 WELLS)**



**CASH FLOW PER PERIOD AND ACCUMULATED (M US\$) FROM USING ACCESSESP (CASE 200BOPD/WELL -5 WELLS)**



### OVERALL FIELD INFORMATION

Field Name  
Field Location  
Field / Concession Life or End  
Total Field Number of Wells with ESPs  
Average Oil Production Rate per Well (bopd per well)  
Estimated Production Decline (% / Year)

**TOTAL FIELD**  
Jungle Basin  
West Jungle  
2035  
110  
200  
4.0%

### ECONOMIC ANALYSIS ASSUMPTIONS

Number of Wells  
Average Oil Production (bbl)  
Oil Price (\$/bbl)  
Initial Model Year  
Evaluation Period (min 3)  
Discount Rate  
Marginal Cost of Incremental Production (\$/bbl)

**TOTAL FIELD**  
5  
200  
\$48.00  
2019  
10  
7%  
\$15.00

### Operation - CAPEX / OPEX Key Parameters

#### INITIAL SYSTEM INSTALLATION

	WO RIG / PULLING UNIT
Mobilization Cost (USD)	\$100,000
Total Operating Cost (day rate)	\$90,000
Rig-up, Pull/Install, Rig-down (days)	7
Wait Time(days)	120

#### FOLLOWING INTERVENTIONS / INSTALLATIONS

	WO RIG / PULLING UNIT	LIGHT INTERV. (SL)
Mobilization Cost (USD)	\$100,000	\$15,000
Total Operating Cost (day rate)	\$90,000	\$11,000
Rig-up, Pull/Install, Rig-down (days)	7	2
Wait Time(days)	120	7

#### EQUIPMENT PERFORMANCE

	CONV. ESP	ACCESSESP
Life of ESP / Life of AccessESP Permanent comp	2 Years	10 Years
AccessESP - Life of Pump (individual changeout)		

### Economic Value Analysis Process

- 1 Customer provides basic information about well, operating and economic parameters.
- 2 Analysis is performed using existing industry evaluation tools.
- 3 AccessESP performs:
  - A technical validation that AccessESP system fits the application.
  - Evaluates the operating parameters to conclude that AccessESP can be installed in Customer well / wells.
  - A final economic analysis is performed considering costing and efficiency information.

Final Report is presented to the Customer and further actions are agreed, including further analysis, commercial proposal or even field installations.