

Expected Savings Using IHS FieldDIRECT

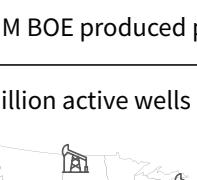


For oil and gas companies to be successful, relaying data from the field to decision makers in the office quickly and accurately is critical. Time and effort spent recording and transmitting this data eventually eats into companies' potential revenue. IHS FieldDIRECT® streamlines this workflow, providing an efficient, straightforward way to digitally collect production data from the field and send it directly to key stakeholders. The graphic below details how IHS FieldDIRECT increases efficiency and improves your bottom line.

1

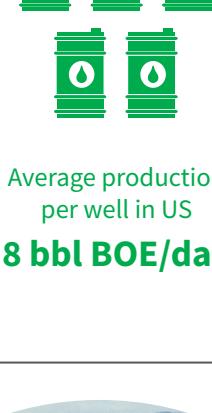
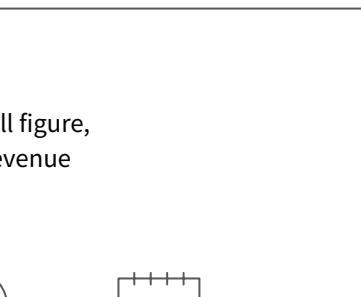
To help understand the impact that IHS FieldDIRECT can have on your company, we've built the following example using figures representative of a small company – that is a company with anywhere from 0 – 200 active wells.

Our research shows that there are currently about 1.2 million active wells in the U.S. with a combined production of around 10 million BOE per day. This equates to an average production per well in the U.S. of about 8 bbl per day.



10MM BOE produced per day

1.2 million active wells in the US



Average production per well in US

8 bbl BOE/day

2

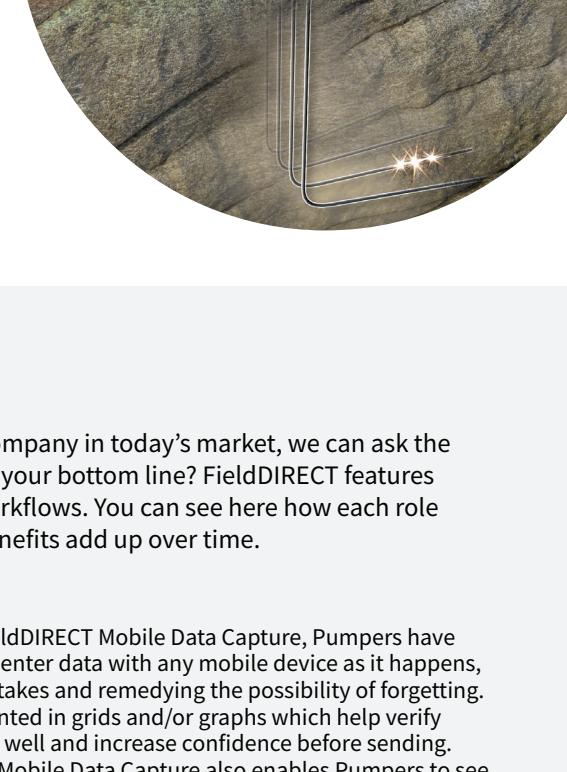
Using this average production per well figure, we can then generate an estimated revenue per year amount.

$$\begin{array}{cccc} \text{100 active wells} & \times & 8 \text{ bbls/day} & \times \\ & & & \end{array}$$

\$50/bbl

365 days

$$= \begin{array}{c} \text{Estimated Total Company Revenue} \\ \text{\$14.6 million/year} \end{array}$$



IHS FieldDIRECT ROI Calculation

3

Now that we've identified the basic economics of a typical small company in today's market, we can ask the question: how exactly can FieldDIRECT help and how does it affect your bottom line? FieldDIRECT features multiple applications that enable increased efficiency for many workflows. You can see here how each role benefits from a specific FieldDIRECT component and how these benefits add up over time.

Pumper



By using **FieldDIRECT Mobile Data Capture & Mobile Dashboard**, Pumpers are able to realize time savings of up to 5%

5 users | \$20 hourly rate

$5 \times 20 \times 40 = \$4000/\text{week}$

$\$4000 \times 5\% = \$200/\text{week savings}$

Using IHS FieldDIRECT Mobile Data Capture, Pumpers have the ability to enter data with any mobile device as it happens, avoiding mistakes and remedying the possibility of forgetting. Data is presented in grids and/or graphs which help verify the entry per well and increase confidence before sending. FieldDIRECT Mobile Data Capture also enables Pumpers to see recent historical data which helps in trending to head off issues of rod wear, pump failure, tank or pipe issues. Relief pumpers can quickly and easily view data before taking over a route using the FieldDIRECT Mobile Dashboard which helps to avoid mistakes.

Foreman



By using **FieldDIRECT Mobile Dashboard & Production Explorer**, Foreman are able to realize time savings of up to 5%

2 users | \$25 hourly rate

$2 \times 25 \times 40 = \$2000/\text{week}$

$\$2000 \times 5\% = \$100/\text{week savings}$

Managing multiple pumpers can be difficult during daily routines without a constant check in. The FieldDIRECT Mobile Dashboard provides instantaneous updates that help to keep Foremen aware of changes or pumper team needs. This is critical in the life of a foreman and his responsibility to the engineer/company for field operations.

Administrator



By using **FieldDIRECT Data Editor & Production Explorer**, Admins are able to realize time savings of up to 25%

4 users | \$20 hourly rate

$4 \times 20 \times 40 = \$3200/\text{week}$

$\$3200 \times 25\% = \$800/\text{week savings}$

One of the most critical positions in an oil and gas company for data checking and verification before financial or state reporting. The Administrator must verify that data from the field is correct and meets standards set by the company. These colleagues spend large amounts of time filtering data. Using FieldDIRECT Production Explorer and the FieldDIRECT Data Editor, Administrators can quickly spot problems and errors and make specific changes with an easy-to-use system.

Engineer



By using **FieldDIRECT Production Explorer & Mobile Dashboard**, Engineers are able to realize time savings of up to 2.5%

1 user | \$35 hourly rate

$1 \times 35 \times 40 = \$1400/\text{week}$

$\$1400 \times 2.5\% = \$35/\text{week savings}$

Trending wells to optimize production patterns is essential in maintaining a steady cash flow. Using the FieldDIRECT Mobile Dashboard gives Engineers a spot check when not in the office and FieldDIRECT Production Explorer enables them to review large numbers of wells and well site data.

Executive



By using **FieldDIRECT Production Explorer & Mobile Dashboard**, Executives are able to realize time savings of up to 0.5%

2 users | \$75 hourly rate

$2 \times 75 \times 40 = \$6000/\text{week}$

$\$6000 \times 0.5\% = \$30/\text{week savings}$

The hard decisions on how to maintain the company in exploration, exploitation, drilling and production revolves around data interpretation. Using FieldDIRECT's analytical tools to trend and spot check progress or failure can help high level managers make the decisions that can make or break a company or project.

Data Gathering Cost



\$796,800 yearly

Without FieldDIRECT



\$740,880 yearly

With FieldDIRECT

TOTAL SAVINGS:

\$1,165/week | \$4,660/month | \$55,920/year



PAYS FOR FieldDIRECT SERVICE

In conclusion, IHS FieldDIRECT saves time and increases efficiency for entire teams which in turn results in a major positive effect to your bottom line that in most cases more than accounts for the cost of the product.

For more information or to request a demo or quote of IHS FieldDIRECT, please visit IHS.com/FieldDIRECT