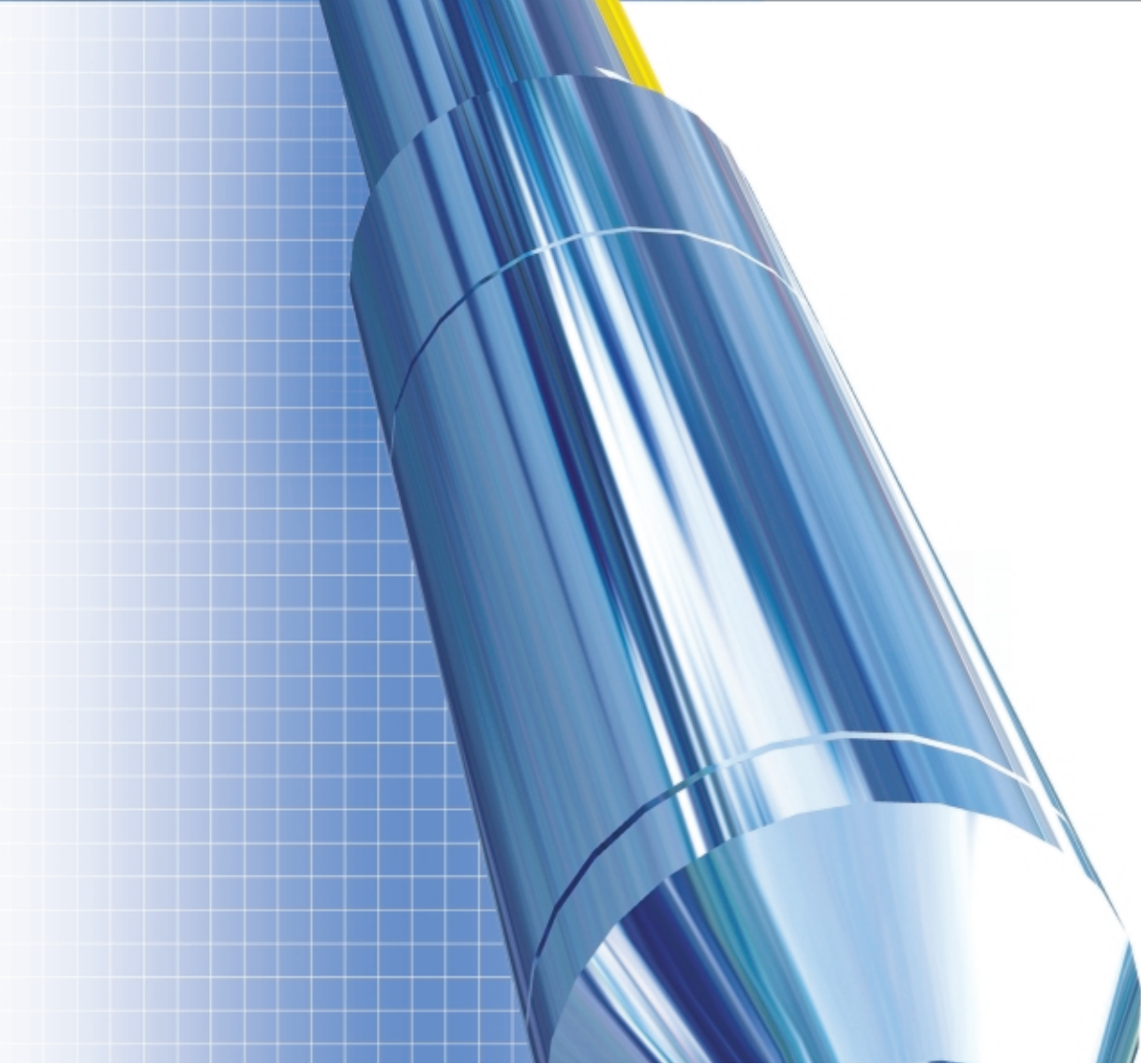


Your Fastest Path to Profit



One sunrise,
one sunset,
one checkmark
on the calendar,
one single day.

From this moment
forward that's all the
time you'll need
to do multiple
zonal completions.

EXCAPE

from conventional completions.

Perform multiple-zone completions without multiple trips.

It's the EXCAPESM Completion Process – a revolutionary idea that combines several new technologies into one remarkable time-saving system. Perforating guns, isolation devices, pressure gauges and a remote signaling system are all attached to the outside of the casing at predetermined intervals.


When the casing is run into the hole this system aligns with each zone you're targeting. So once the casing is cemented in, everything's already in place to perforate, isolate and stimulate multiple zones – all within hours.

And when you consider the time, effort, uncertainty and costs that go with using traditional methods to manually complete one zone at a time, we're confident you can do the math.

You know the process with traditional perforating methods – you determine the desired depth, you trip in, you fire the guns, you trip out, you stimulate, you flowback the stimulation fluid, you set an isolation plug. Then you do it all over again with the next zone, and the next zone. Or you try limited entry to stimulate all of the zones.

This breakthrough technology known as the EXCAPESM Completion Process is enthusiastically brought to you through the teamwork of these three highly advanced, specialized and dedicated companies.





Externally attached perforating gun is being fired through the casing and into the formation. Isolation valve automatically closes to maintain zonal isolation.

Our engineers did a little thinking outside the casing.

With the EXCAPE™ Completion System, multiple perforating guns, isolation devices and the firing/signaling system are attached to the outside of the casing with specialized slotted couplings as it's being run into the hole. The guns are lined up across from the zones you're targeting, and are designed to shoot through both walls of the casing and can be configured to perforate the formation in any desired orientation. The guns are fired remotely one at a time via a hydraulic control or electrical line. And each firing also actuates the isolation devices to ensure zonal isolation. Alternate firing methods can be deployed.

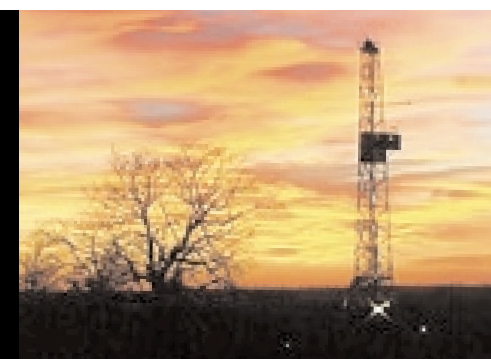
In the end you get better zonal isolation, which leads to better stimulation, which leads to bigger production – all with considerably less exertion.

The key to optimizing the completion of a single zone is total isolation. This is usually

time-consuming and costly using manual methods. But with the EXCAPESM Completion Process, it's instant and automatic.

Isolation devices are pre-installed along the casing at the desired intervals. When the perforating guns are fired these devices automatically isolate the targeted zone from all others. This way lower zones are isolated while you're working on upper zones, and injection into these lower zones is prevented.

Once all zones are stimulated – which, we repeat, is measured in terms of hours – the breakable isolation devices can be removed with slick line or coiled tubing. Then we advise you to stand back. Because you'll be producing from multiple pay zones that have been stimulated in record time for maximum reward.



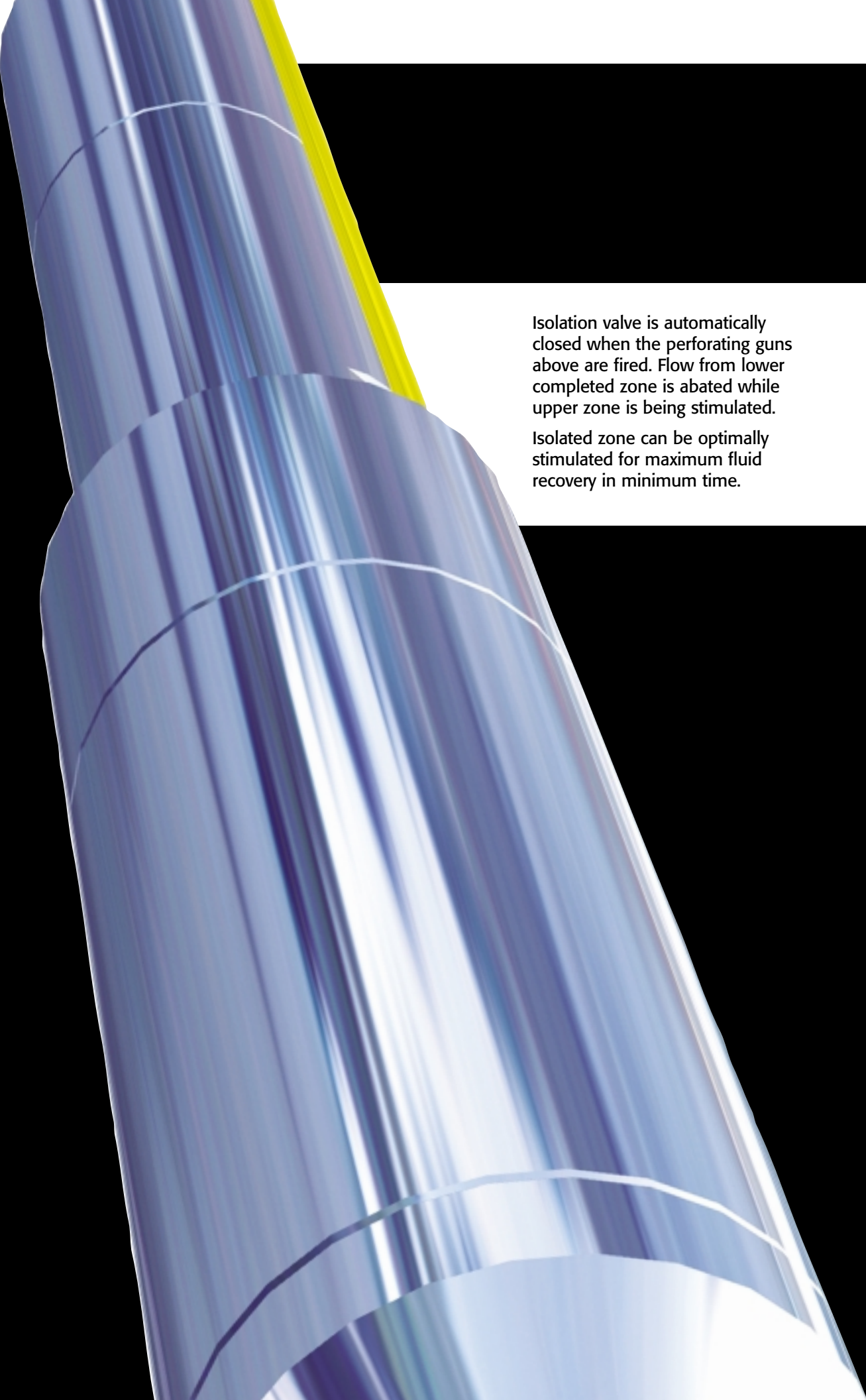
EXCAPE Success Stories

Mexico

BJ crews pumped more than 644,500 pounds of proppant and Vistar® fracturing fluid in each of five separate zones. The bottom-hole temperature in the 8,200-foot (2,485-meter) well was 221°F (105°C). All ECP activities were accomplished in 14 days, and initial production from the well was 5.5 million cubic feet per day (mmcf/d). By comparison, typical duration of conventional completion activities is 46 days, and initial production from offset wells completed with conventional techniques is 2.4 – 3.4 mmcf/d.

Permian Basin

On a multi-well program in the Permian Basin in West Texas, the EXCAPE completion process provided a method for more targeted stimulations which allowed the operator to access additional reserves. The cost of a 7-stage EXCAPE stimulation program was on a par with a 4-stage conventional stimulation program. The economies of the EXCAPE completion process lowered the cost of hydrocarbon recovery (per barrel of oil equivalent) by more than 28%. Average initial gas rate increased by 64% using the EXCAPE process versus the previous method.



Isolation valve is automatically closed when the perforating guns above are fired. Flow from lower completed zone is abated while upper zone is being stimulated.

Isolated zone can be optimally stimulated for maximum fluid recovery in minimum time.

Total isolation of zones is automatic and optimizes production.



The beauty of the EXCAPE™ Completion System is that its various technologies work symbiotically to give you the best and fastest possible results. First, individual zonal isolation optimizes the perforation job. In turn, those features work together to help you achieve maximum stimulation.

That means in each and every zone you can plan on longer fracture extensions, reduced fracture height and better proppant distribution. Lower pump rate requirements result in reduced hydraulic horsepower compared to traditional multi-zone completions. Plus you get better fluid recoveries, better fracture geometry interpretation, better minifrac analysis, better fluid efficiency tests.

Perhaps you see a pattern developing here – with the EXCAPE™ Completion Process you're on to something much better. And, we hasten to add, much faster.

No matter how you look at the EXCAPE™ Completion Process, you're looking at a better way. Since each individual zone is perforated and stimulated right after another, more zones are completed faster and they're completed better. So you gain a much more efficient use of rig time and completion equipment.

You're able to accomplish more with fewer operations, fewer interventions and fewer people because everything is pre-installed and remotely controlled. And that means more efficient use of minds and machines, less risk, safer operation and lower overall project costs.

And not only do you save money by completing faster and better. You make money faster because your well starts producing sooner, and you know it's primed for maximum recovery. It's your classic save, save, win, win situation. If that's a situation you wouldn't mind being in, just tell us. Call BJ Services Company at 713-683-3400, or any of the other partnering companies listed on the back cover of this brochure.

EXCAPE Success Stories


South Texas

- Spud date to sales – 20 days using the ExCape Completion Process!
- Fractured and stimulated all zones in one day

A total of six zones were hydraulically fractured stimulated with each zone being pumped to completion. A total of 686,000 lbs of proppant & 8,500 bbls of Spectra Frac G®, fracturing fluid were pumped. Isotag®, chemical tracers were also pumped to determine zonal contribution. The customer was very pleased with the results of the ECP due to the optimization of their completion operations.



(713) 683-3400
sales@bjservices.com
5005 Mitchelldale, Suite 250
Houston, Texas 77092

Want more info? Look for this icon on our website. The logo for GOBJ, consisting of the word 'GOBJ' in a bold, green, sans-serif font, with the 'O' being a green circle containing a white 'B'.



Expro Americas, Inc.
580 WestLake Park Blvd.
Suite 1500
Houston, TX 77079-2638
(Tel) 281-597-9010
(Fax) 281-497-8402