Advanced Well Stimulation Services

The Jet-Drill™ procedure is an innovative and affordable horizontal drilling method that can yield significant production improvements by creating large lateral drainage channels radiating out from the wellbore, deep into oil and gas payzones.

Geared toward efficiently withdrawing remaining hydrocarbons from the world’s ever maturing oil and gas wells by providing an affordable and effective lateral drilling technology.

The result of over 10 years of R&D, the Jet-Drill™ procedure is:

- Administered via Jet-Drill’s™ custom radial drilling unit,
- Relies upon a state-of-the-art lateral drilling data system,
- Uses the only effective casing milling, and jetting BHA; and,
- Is administered by trained professionals.

Generate big $$$ from your fields by connecting your wellbores to untapped pay!

Partners

Jet-Drill Well Services™ offers a comprehensive, turn-key affiliate program for interested and qualified potential commercial and self-use partners seeking to operate in select markets. Inquiries are welcome.

133 North Goodman Road • Lake Charles, Louisiana 70615

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www.jet-drill.com
How It Works

The patented Jet-Drill™ procedure is a multi-step process

Step 1: Using Orienting Mill™ to cut hole in casing

Step 2: Jet-Drilling™ into hydrocarbon bearing zone

Step 3: Turning Orienting Mill™ & cut casing in next direction

Step 4: Jet-Drilling™ out into formation

Step 5: Putting well back on-line

THE RESULTS

The Jet-Drill™ procedure:
- Creates drainage channels up to 3” in diameter.
- Produces drainage channels extending over 30 feet into the matrix.
- Forms a wagon-wheel of radial drainage spools for uniform reservoir drainage.

IMPROVED DRAINAGE

Earlier generation (inferior) technology has been used with several fold increases in production. In wells in Canada, Colombia, Chile, Argentina, Bolivia, Russia, and Indonesia.

Applications of Technology

Existing Wells

Reinstate high production and quickly recover remaining hydrocarbons.

New Wells

Compliment to or outright replacement for perfing.

Excellent Applicability in:
- Overcoming near wellbore and skin damage
- Well completions
- Well stimulations
- Improving reservoir treatments/injections
- Improving water disposal and re-injection rates
- For steam or CO2 treatments of heavy oils
- Reducing water coning
- Conjunction with acidizing treatments

IMPROVED RECOVERY

Directly improves reservoir's drainage dynamics and recovery timeframes by...

- Intersecting fractures in the matrix allowing faster zonal drainage
- Extending past the area of near-wellbore damage
- Allowing for multiple laterals to be cut at varying horizons
- Reaching past conventional perforation distances into virgin parts of the matrix
- Blasting thru natural or accumulated barriers in the formation
- Reaching into additional reservoir pockets
- Allowing delivery of adjacent treatments (e.g. acid, CO2, nitrogen) far into the zone
- Optimizing injections and fluid gradients for homogeneous treatment while reducing tunneling
- Providing an attractive alternate to costly in-field drilling and/or field expansion

All at a cost of about 1/3 of most comparable stimulation alternatives.

Benefits

- Dramatically accelerates well production rates
- Extends the life of marginal wells
- Enhances total recoverable reserves
- Costs a fraction of comparable stimulation techniques
- Allows for recovery of what was once thought to be unattainable reserves
- Dramatically increases operator profits

= Accelerating recovery of product ($$$)

JetDrill Well Services, LLC
BLASTING THE FORMATION
The name of the game is to jet out deep into hydrocarbon bearing zones with a large lateral drainage channel. The Jet-Drill™ procedure does just this in the process of creating a drainage holes ranging from about 1” to over 3” in diameter.

JET-DRILL™ VS. COMPETITION
Other technologies just don’t come out in the wash!

ADVANCED SURFACE EQUIPMENT
Jet-Drill™ surface equipment is based on the results of radial jetting procedures performed on 100% of wells around the world. We’ve taken advantage of this expertise to develop the most robust and cutting-edge jet-drilling units in the world.

SPECIALIZED SURFACE EQUIPMENT
Engineered for optimal performance in demanding circumstances.

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TECHNICAL CAPABILITIES
The Jet-Drill™ procedure is a patented technology based on over 10 years of R&D and thousands of hours of laboratory and field development.

Prior generation technology, which the Jet-Drill™ procedure incorporates, has been used on wells around the world, with several fold increases in production.

The Jet-Drill™ procedure:
• Takes the best of the old technology
• Utilizes a cutting-edge surface unit which it pioneered
• Compliments this package with the most advanced BHA tools

All to deliver the most reliable and effective jet drilling solution in the world!

CASING CUTTING
Making the cut
In cased hole situations, the first step is to get through the production casing...

The Procedure
Jet Dril’s unique procedure cuts holes in a variety of well conditions and casings formats:
• Shallow or Deep Wells
• Small Diameter or Large Diameter Casing
• Thick or Thin Wall Casing
• Varying Grades of Casing

Typical 5.5” Casing
7.5 minutes
Ultra Hard 4.5” Casing
12.5 minutes