



## GasGun™ Continues to Provide Good Results

*“After stimulation the well began to flow at the surface.”*

Many excellent results from GasGun stimulations have been reported from well owners in the last several months. Over 250 GasGun stimulations have now been conducted, and requests for the service in other parts of the country continue to be received.

### Recent Results

In February, a well in White County, Illinois, was stimulated with an 8 foot GasGun. This well was recompleted in the Tar Springs formation at a depth of 2422 feet. Since this formation is particularly close to water and is known to “bring in the ocean” when fraced, only a 6 foot zone was perforated and the 8 foot GasGun tool was carefully positioned with a foot above and below the top and bottom perms. Immediate production after stimulation was 30 BOPD and 45 BWPD and, after three weeks, was 5-6 BOPD and 5-6 BWPD.

In May, an old well, drilled in 1903 in Clark County, Illinois, was stimulated with two 10-foot GasGuns. This well was completed open hole in the Trenton formation at a depth of 2350 feet. Oil production, which had been 1-1.5 BOPD, went to 18 BOPD initially, 8 BOPD for about a week and, after 3 months, is still making 5 BOPD.

Also in May, a well in Posey County, Indiana, with no production whatsoever was readied for abandonment. An attempt to recover the casing failed. Instead of proceeding with abandonment efforts the well was stimulated with a 6 foot GasGun in a last ditch effort. The cased hole tool was placed at a depth of 1848 feet in the Palestine formation. Production of 12-15 BOPD was achieved.

In June, another well in Posey County, Indiana, was stimulated with a 6 foot GasGun. This well is a cased hole completion in the Cypress formation at a depth of 2431 feet. Production increased from 1.5 to 6 BOPD.

Also in June, a well in Clark County, Illinois, was stimulated with a 10 foot GasGun. This well is a cased hole completion in the Trenton formation at a depth of 2838 feet. Production increased from less than 0.5 BOPD to an average 11 BOPD for 4 weeks. Production was 5-6 BOPD after 8 weeks.

In July, a new well in Muhlenberg County, Kentucky, was stimulated with a 4 foot GasGun. This well is a cased hole completion in the Rosiclare formation at a depth of 1790 feet. After stimulation the well began to flow at the surface. After 4 weeks the well was making 20 BOPD, and after 6 weeks it was making 30 BOPD.

In August, another new well in Muhlenberg County, Kentucky, was stimulated with a 6 foot GasGun. This well is a cased hole completion in the Benoist formation at a depth of 1766 feet. After 4 weeks, production was recorded at 30 BOPD.

### Inside this issue:

|   |   |
|---|---|
| <i>Continued GasGun success</i>               | 1 |
| <i>GasGun now in Kansas</i>                   | 2 |
| <i>Adam Schmidt joins company</i>             | 2 |
| <i>Wireline companies fielding the GasGun</i> | 2 |



Gas well unloads after GasGun stimulation.

*Log-Tech conducted its first GasGun stimulation in July and plans to cover the state of Kansas.*



### GasGun Services Now Available in Kansas

J Integral Engineering, Inc., is pleased to welcome Log-Tech to its family of wireline companies that field the GasGun. Log-Tech conducted its first GasGun stimulation in July and plans to cover the state of Kansas.

GasGun stimulations are now conducted by six wireline companies from nine field offices covering Ohio, West Virginia, Kentucky, Illinois, Indiana, Kansas, and part of Pennsylvania.

For more information please contact:

Glenn Schmeidler  
Log-Tech  
1011 240th Avenue  
Hays, Kansas 67601  
Phone: (785) 625-3858

### Adam Schmidt Joins Company to Help with Expansion

In June, Adam Schmidt, son of owner-founder Richard Schmidt, joined J Integral Engineering to assist with the growing demand for GasGun stimulation services. Adam previously worked as a Business Operations Manager with

AT&T. His business and engineering expertise will be invaluable in helping our company flourish and bring this exciting new product to more customers.

### Wireline Companies Fielding the GasGun

Appalachian Well Surveys  
P.O. Box 1058  
Cambridge, Ohio 43725  
contact: Jon Hudson  
(740) 439-2911

Allegheny Wireline Services, Inc.  
P.O. Box 321  
London, KY 40743  
contact: Harold Kindle  
(606) 864-9165

Gain Wire Line Services, Inc.  
P.O. Box 456  
Fairfield, Illinois 62837  
contact: Bob Gain  
(618) 842-2914

Log-Tech  
1011 240<sup>th</sup> Avenue  
Hays, KS 67601  
contact: Glenn Schmeidler  
(785) 625-3858

Norris Well Services, Inc.  
2141 Scottsville Road  
Glasgow, KY 42141  
contact: Steve Norris  
(270) 651-8737

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