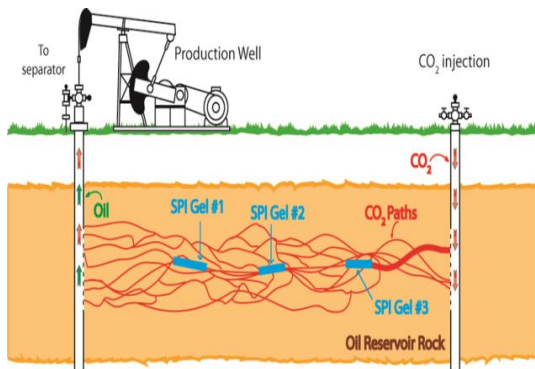


What are SPI Gels?

- Multi-component silicate gel system;
- Water-like when pumped, then sets to a ringing soft>>>very hard gel;
- Internal and external initiators;
- Environmentally friendly;
- Tailored chemistry for specific apps;
- Time/ Temperature (*internal*) or position (*external, CO₂*) initiated;
- Pumped as single or multiple stages;
- 4X - 10X stronger than xl-PAMs;
- Hi-strength thru-out treatment volume for optimization options;
- Leak-off control for low perm zones;
- Enhanced placement in CO₂ floods;
- Proven where xl-PAMs ineffective;
- Stable to 392°F temperature;
- Cost effective with long term success.

CO₂ Conformance

SPI Gel treatments have been proven to block off depleted / flushed zones (bold red line) allowing injectants (water, CO₂, steam) to follow new paths (thin red lines) to reach new reservoir where oil exists. Can use CO₂ to initiate gels.



SPI Technologies LLC

Was formed in 2006 to develop and commercialize SPI gels in a variety of applications. SPI is a wholly owned subsidiary of Impact Technologies LLC
 SPI technology is protected under US patent #882238 and other patents pending in the US and internationally.

SPI Sealing Applications

- Increase CO₂ & Water Utilization
- Increase Oil Production
- Decrease wasteful Recycling
- Lower Operating Costs
- CO₂ & Water Flood Conformance
- WOR Reduction in Primary Prods
- Seal Lost Circulation & High Water Influx Zones in drilling Wells
- Cement support in Well Plugging
- Production Well Casing Repairs

CTI Optimization Lab Tests

	Water		One SPI Treatment			Two SPI Treatments		
	Calibration							
	delta-P	Perm	Delta-P	Perm	FRR	Delta-P	Perm	FRR
FPD	psi	md	psi	md		psi	md	
0.5	0.05	1475	13	6	258	96	1	1920
1.0	0.02	7374	18	8	895	90	2	4500
5.0	0.46	1603	19	38	42	190	4	413

SPI Gels

Your Rx for

Low Process Efficiency



Contact Information

Ken Oglesby, President
 P.O. Box 35505 Tulsa, OK 74153
 direct: 918-629-6993 fax: 918-516-0272
 website: www.spigels2u.com
 email: kdo2@impact2u.com