

2015 Technology Showcase Presenters					
Company	Technology Description	Company Web Site	Contact	E-Mail Address	Phone #
DirkThomas Solutions LLC	Method to oxidize and disinfect frac water (biocide)	http://www.dirkthomas.com/	Michael Derzack	mderzack@dirkthomas.com	(724) 553-5009
Expansion Energy LLC	VRGE - Waterless facturing & EOR Technology using CH4 as Frac Fluid	http://www.expansion-energy.com/	Jeremy Dockter	jdockter@expansion-energy.com	(917) 653-5418
FryeRok Reservoir Consulting	On site Production of HOCL (Hypochlorous Acid) Biocide	http://www.fyrerok.com/	Grafton Withers	grafton.withers@fyrerok.com	(814) 353-4738
HalenHardy	System to absorb, contain oil-based leaks & drips on drill sites and separate water from oil	http://www.halenhardy.com/	Donny Beaver	dbeaver@halenhardy.com	(814) 822-2004
PetroMar Technologies, Inc	High Resolution Borehole Imaging	http://www.petromartech.com/	Earle Drack	edrack@petromartech.com	(610) 506-5701
PixController, Inc	Low Cost Wireless Continuous Methane Emission Monitoring System	http://www.pixcontroller.com/	William Powers	bpowers@pixcontroller.com	(724) 733-0970
Rel-Tek Corporation	Combustable gas detection system for gas/NGL leak detection on well sites	http://www.rel-tek.com/	Albert Ketler	Sales@rel-tek.com	(412) 373-6700
Spotter Buddy, LLC.	Equipment Communication System to assist spotters w/ communications with truck drivers on sites	http://www.sunnysidesupply.com/	Paul Battista	paul@sunnysidesupply.com	(412) 389-2409
US Well Services	Fully electric, fully mobile well stimulation system powered by natural gas	http://uswellservices.com/	Jared Oehring	joehring@uswellservices.com	(281) 685-7529

Nomenclature/roles			
	Technology Developer		
	◦generates application		
	MSC Technology Screening Workgroup (TSW)		
	◦develops criteria		
	◦screens applications, forwards recommendations to MSC Staff		
	MSC		
	◦manages technology portal, communications with MSC Membership		
	MSC Membership		
	◦feedback to TSW		
Decision sequence-new technologies			
	Applications received by MSC staff		
	Upload to technology portal		
	MSC staff notifies TSW		
	TSW initiates review		
	◦initial screening: yes/no		
	◦technical evaluation		
	performance evaluation: rank 1-10		
	cost evaluation: rank 1-10		
	overall: summation of performance and cost ranks		
	provide < one page evaluation summary		
	Forward recommendations to MSC Staff		
Screening criteria: Initial screening			
	Novelty: is it an improvement on current technologies?		
	Significance: would the performance or cost benefits be sufficient to attract industry investment?		
	Relevance: does the technology solve an industry problem?		
	Yes/no decision		
	If yes, prepare technical evaluation		
Technology application			
	For inclusion on MSC Technology Portal		
	For consideration at MSC Technology Showcase		
	Include only non-proprietary information		
Technology owner operates			
	indicate unit cost basis, e.g.		
	◦per bbl treated		
	◦per foot of lateral placed...		
	unit c		
	waste stream management		
	Includes waste stream management?		
Producer owns/operates			
	ID cost estimation standard		
	indicate unit cost basis e.g.		
	◦per bbl treated		
	◦per foot of lateral placed...		
	include capX, opX		
	waste stream management		
	◦volume/mass		
	◦would waste be classified as RCRA C or D?		