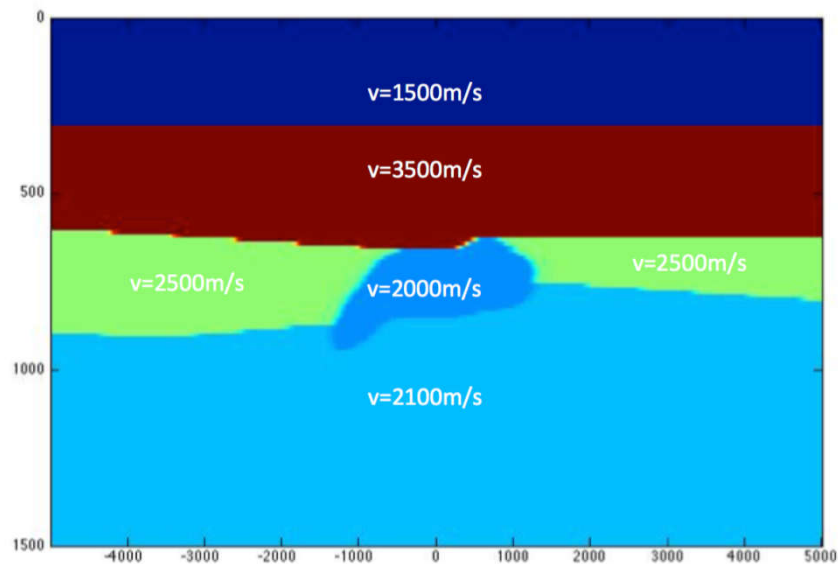


A sampling of the documented impact of the ISS internal multiple attenuation algorithm from M-OSRP

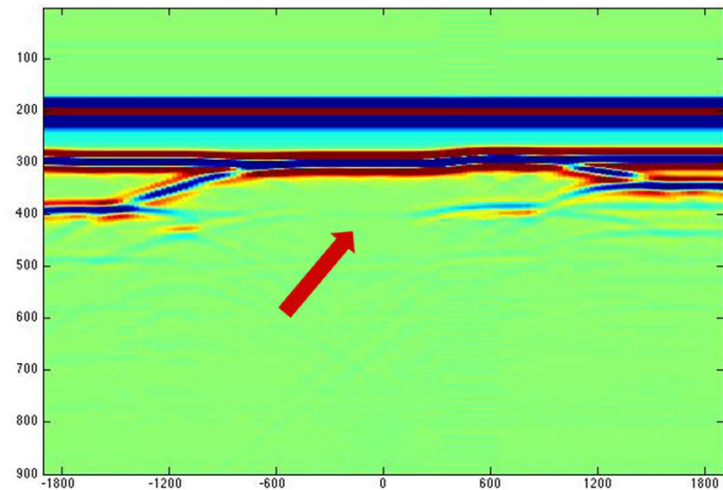
- Service companies
- Dragoset,2013 (Schlumberger)
 - Frederico Xavier de Melo et al.,2013 (Schlumberger)
 - Griffiths et al., 2013 (CGG)
 - Hegge et al.,2013(PGS)
 - Hung and Wang, 2014 (CGG)
- Oil companies
- Matson et al., 2000 (ARCO) first marine field data test
 - Yi Luo et al., 2010 (Aramco) first on-shore field data test
 - Qiang Fu et al., 2010 (Aramco/UH)
 - Degang Jin et al., 2013 (CNPC)
 - Ferreira et al., 2013(Petrobras)
 - Goodway (Apache) and Mackidd (Encana), 2013
 - Kelamis et al.,2013 (Aramco)

Multi-Dimensional ISS internal multiple **elimination** (numerical test)

model



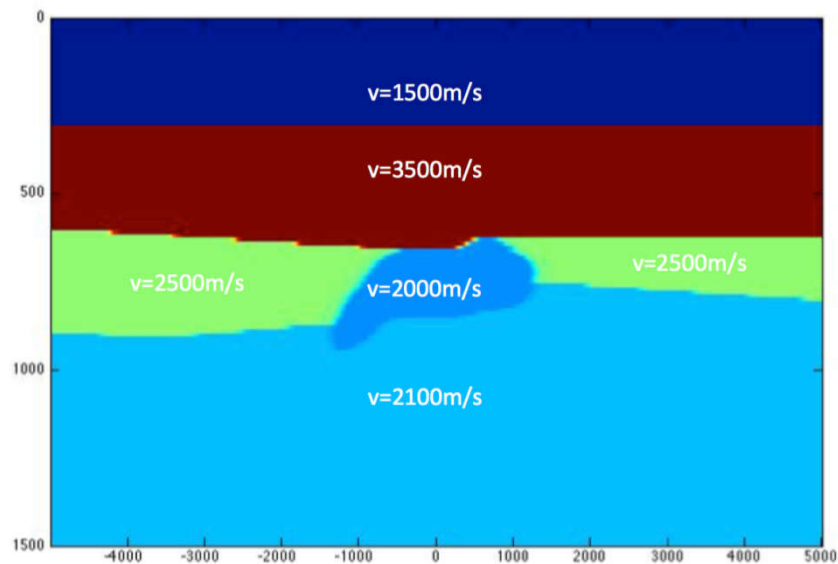
**after internal multiple attenuation
+ energy minimization adaptive subtraction
(0-offset traces)**



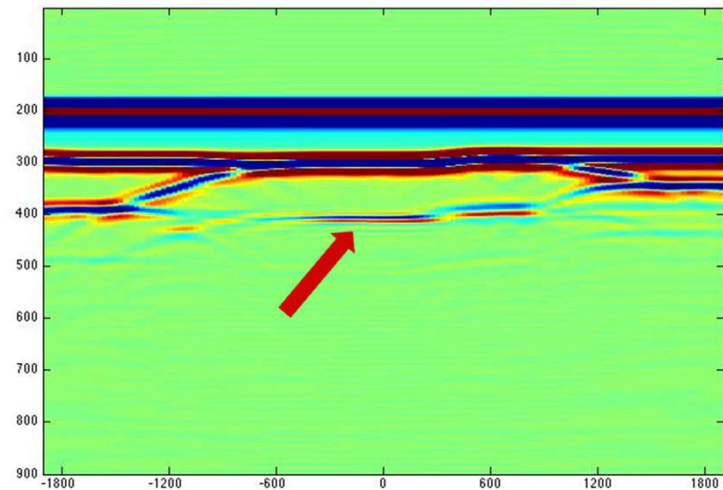
For the case of an interfering internal multiple and base salt primary, the ISS internal multiple attenuation + adaptive damage the primaries (Yanglei Zou, Chao Ma and A. Weglein, 2018)

Multi-Dimensional ISS internal multiple **elimination** (numerical test)

model



**after internal multiple elimination
(0-offset traces)**



For the case of an interfering internal multiple and base salt primary, the ISS elimination removed the internal multiple without damaging the primaries (Yanglei Zou, Chao Ma, and A. Weglein, 2018)