



Permian Basin Section-SEPM ROZ Core Workshop & Field Trip



Friday April 3rd (8 AM-2 PM), Bush Convention Center, Midland, Texas
Saturday-Sunday April 4th-5th, 2020 – Field Trip, New Mexico

Registration Form

PBS-SEPM is Hosting a Two-Part Residual Oil Zone (ROZ) Core Workshop and Field Trip

The ROZ Core Workshop will begin at 8 AM in the Ballroom at the Bush Convention Center. Light pastry options will be available for breakfast. We will have a total of 5 cores available:

- Goldsmith San Andres Unit #1-335A (Main Pay), XTO, Ector - Goldsmith San Andres Unit # 1-9-WC (ROZ), XTO, Ector
- Goldsmith-Landreth San Andres Unit 190, Kinder Morgan, Ector - Hanford San Andres Unit #501, Faskin, Gaines
- Shafter Silver District, Ross Mine Formation, Marfa Basin (*Faults, Hydrothermal Silver, and Oil*), Pecos (2 Cores)
- Cleveland # A-601, Riley Permian, Yoakum - Miss Kitty # 669-704, Riley Permian, Yoakum

Lunch at the Bush Convention Center will be included. The workshop will end at 2 PM. Field trip attendees will board SUVs to head to the Stevens Hotel in Carlsbad, New Mexico. Friday evening will include a group dinner along with an overview of the outcrop stops. Saturday begins at 6 AM (MT) with breakfast at the hotel and a 7 AM departure to Laurel Canyon west of Carlsbad. Box Lunch is provided (both days). Saturday stops end at Stone Canyon. Everyone is free to decide their individual plans for dinner. Sunday morning's schedule is identical to Saturday, with stops starting at Cloudcroft, then moving to Northern Ruidoso before heading east. Sunday's stops will include the present day lower San Andres recharge area west of Roswell, which has well developed karst. The trip will end with a return to Midland, arriving around 6 PM at the Bush Center.

If you are interested in sponsoring this event, either for the food, supplies, transportation, or student sponsorship, please send an email to info@pbs-sepm.org with your name, company, contact information, and amount you would like to contribute.

If you are interested in driving one of the 5 SUVs on this trip, please send an email to info@pbs-sepm.org with a copy of your Driver's License, Insurance Information, and a few notes of previous experience driving off road in SUVs.

Field trip attendance is limited to 35 registrants, on a first-come, first-served basis.

The Core Workshop and Field Trip give you a chance to see:

- The ROZ interval (and its oil saturation variations with depth)
- Lower San Andres Limestones below the ROZ
- Pay Zones in the Horizontal San Andres Play*
- San Andres meteoric water recharge area
- Impact of Meteoric water-sweep (on fluids and rock)
- Maturity enhancements in clastics exposed to volcanics
- Diagenesis related to volcanic hydrothermal waters
- Stratigraphic and depositional styles of the San Andres
- Karst / collapse breccia in San Andres in outcrops
- Two newly slabbed silver mine cores, never before described

* Yoakum is the most active area, with 250 wells since 2014, producing 300,000 BOPD. Riley's cores are in the heart of the play.

Registration Fees

Core and Field Trip: PBS-SEPM Members \$425 () Non-Members \$460 () ** Students \$325 ()
Workshop Only: PBS-SEPM Members \$250 () Non-Members \$285 () ** Students \$125 ()

Name: _____

Company/Affiliation: _____

Mailing Address: _____

Business Telephone: _____ Email address: _____

Payment: check, cash, or online with credit card

Make checks payable to PBS-SEPM & send order form to: PBS-SEPM, 2900 Front St., Midland, Texas 79701

To purchase online, go to <https://www.pbs-sepm.org/events-1/roz-core-workshop-and-fieldtrip> and pay by card

** - Student rate is limited to full time students who are not employed full time