

January 2022



LOS ANGELES BASIN GEOLOGICAL SOCIETY

January 27th (Thursday) – 12:00 Noon
Joint meeting with LAAPL
(Los Angeles Association of Professional Landmen)

***This will be a virtual (on-line) meeting using
ZOOM. See below for instructions.***

Daniel C. Steward

**The Exploration History and Remaining Potential of the Los Angeles
Basin**

Abstract

The 96-year exploration effort within the Los Angeles basin (LAB) has yielded 66 oil fields and as of 2009 produced approximately 8.8 billion barrels of oil. The appraisal of the discovered resources took several decades on a field-by-field basis and the question of complete appraisal across many of the fields is open. At a high level, at least 6 trends have emerged within the LAB, with variable degrees of exploration maturity: Whittier/Fullerton Embayment, Santa Monica Thrust, Newport-Inglewood Fault Zone, Wilmington Graben, Santa Ana Shelf, and the Palos Verdes Fault. It is noteworthy that the Palos Verdes Fault Trend has a solitary discovery, the Beta field (1976), and none of the offshore equivalent of the Santa Monica Thrust has been evaluated. Hence, these two trends are “truncated” in the sense of being very far from completely evaluated. The talk will begin with the chronology of field discoveries in the LAB, evaluate various characteristics of same, and pose some “what if?” scenarios to the LAB’s remaining potential.

Speaker’s Biography

Daniel “Dan” C. Steward is Vice President of Beta Operations at Amplify Energy Corp., responsible for the operation of the offshore Beta field in San Pedro Bay, based in Long Beach. From early 2018 to August of 2019 Dan served as CEO and Co-Founder of start-up Iron Horse Energy, LLC, an acquisition vehicle for mature oil-producing assets in the U.S. onshore. From 1996 to 2017, Dan held various exploration roles of increasing responsibility with Chevron, Noble Energy, Lukoil International Upstream West, and Total E&P, spanning the deep-water Gulf of Mexico (US & MX areas), the west African continental margin, deep-water Black Sea, the Barents Sea, and the San Joaquin basin in Kern County, CA. Dan holds a Bachelors and Masters Degree in Geology from California State University, Bakersfield and a Master of Business Administration from Rice University.

**This will be a virtual meeting
using ZOOM.**

When:

**Thursday, Jan. 27th, 2022
12:00-1:00**

To Join the Talk:

**To join the talk, please use the
following ZOOM meeting link. You
will need to use the password:**

<https://csulb.zoom.us/j/85408142587?pwd=ZEN6aXd3dS95YnJpRDhDYjhGT1BPdz09>

**Meeting ID: 854 0814 2587
Passcode: 772761**

**Please download the ZOOM meeting app
before the start of the talk, if you have not
already done so.**

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ANNOUNCEMENTS:

**Do you know if your PSAAPG/LABGS
membership is current?**

*If you don't know, please check via
the PSAAPG website:*

<http://www.psaapg.info/cloud/miscellaneous/dues.php>

*Please inform a LABGS Board member
if you have a pertinent announcement.*

I hope you all had a meaningful holiday season. I had hoped to resume in-person LABGS meetings this month, but the significant rise in new COVID cases and hospitalizations suggest that we keep with the internet presentations awhile longer.