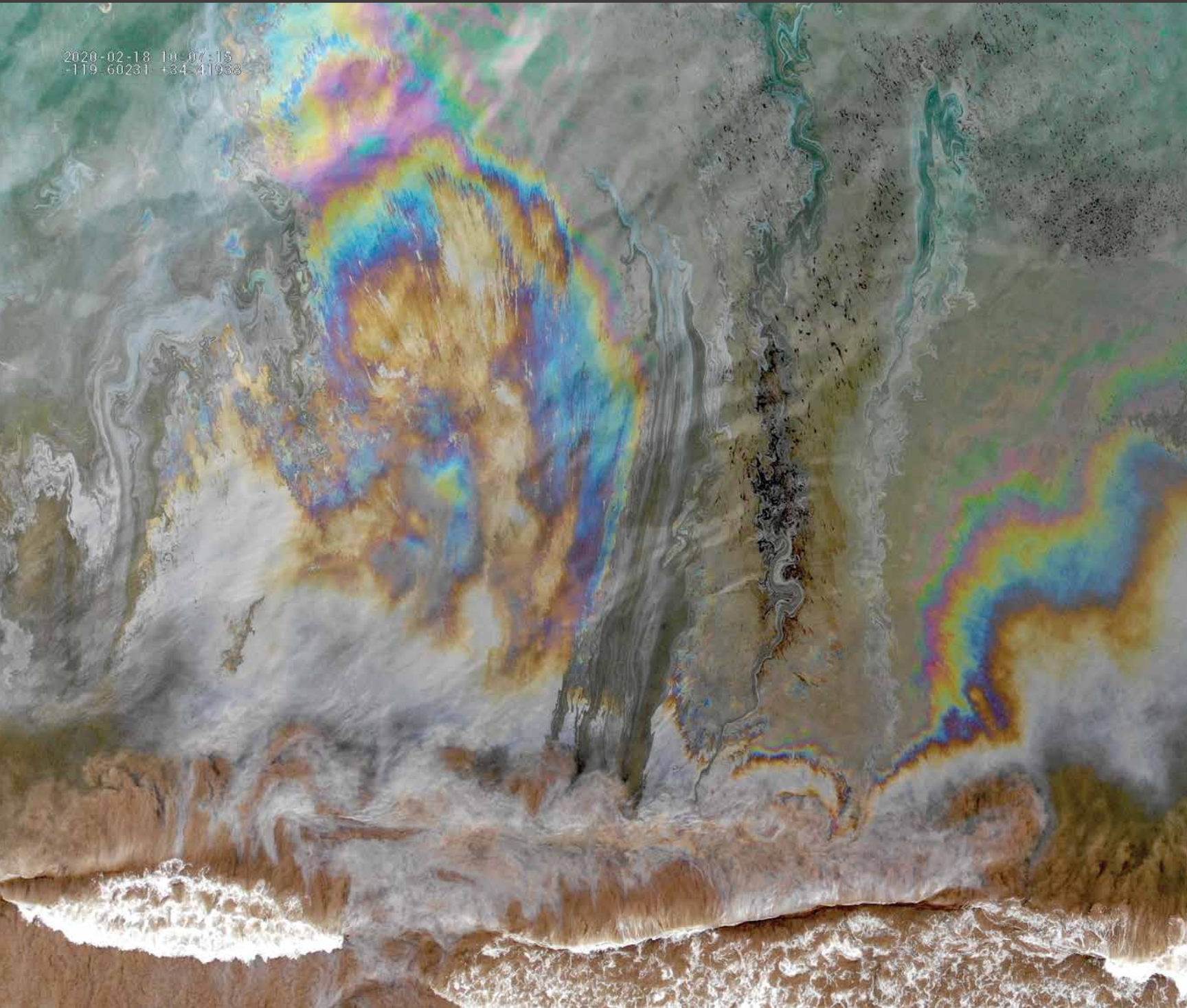


ONE EARTH, AND HOW WE HAVE PLUNDERED IT...

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NorthStar contributes oil daily to Summerland Beach (Harry Rabin/On the Wave Productions)

When it was discovered that Earth had oil among a myriad of other riches, humankind changed forever. Searching for easy profits, men rushed to dig, scrape, sluice, and extract oil from the Earth any way they could. In Southern California, wildcatters discovered oil, literally on the beach.

In Summerland, California, they built piers and pumps, and started churning the sea and digging the sand, thereby turning Summerland into an oily mess. Thinking the Earth was infinite, the wildcatters picked up their gear and moved on. Because of this disrespect for Earth, we now are cleaning up the mess they left behind. The good news is that we're getting it done.

HTO THANKS THE STATE LANDS COMMISSION

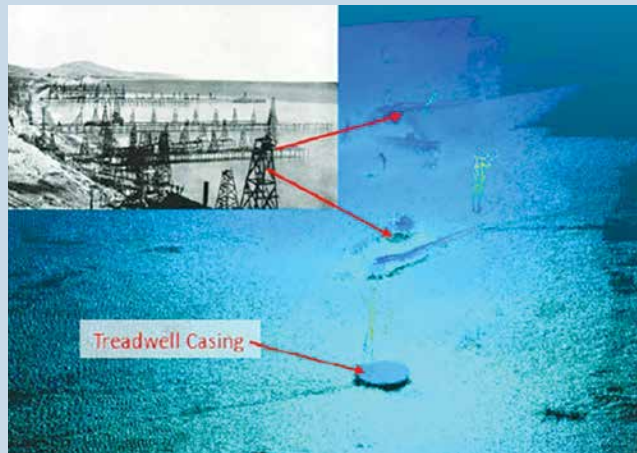
Heal the Ocean gives heartfelt thanks to the great people at the **State Lands Commission** for their one-on-one communication with us on the Summerland oil issue. Always there on the phone, always ready to work things out, it's a great public-private partnership. In particular, we thank **SLC Petroleum Drilling Engineer Steve Curran** for being there for us (the great meetings at the Nugget, Summerland!), and **Sheri Pemberton, SLC Chief of External Affairs and Legislative Liaison**, thank you for always answering the phone, calling us back, updating us on progress. We love it that SLC officials tell us that of all the work they do, the joy and gladness they receive from all of us in Summerland is something they don't get every day in their bureaucratic lives.

A SMALL PAYBACK? TO CLEAN UP LEAKING OIL WELLS

COMING IN OCTOBER! WATCH FOR THE OIL BOAT TO ARRIVE AGAIN IN SUMMERLAND!

At least \$3-4 million of Senator Hannah-Beth Jackson's SB 44 money is being used to cap two, maybe three more wells on/off Summerland Beach.

Since the successful capping of Becker Well in February 2018, HTO Advisory Board member Harry Rabin has been relentless in pushing forward the next round of cleanups. Working with InterAct engineers Mike Giuliani & Eric Kroh the team mapped out the exact wells now being capped - **The Big Bad Boys: Treadwell Offshore**, and **NorthStar ("The Ramp")**. Harry's topside and underwater pictures helped locate the well infrastructure beneath the Summerland Sand.



Summerland 1930s/Treadwell underwater



The Danny C arrives off Summerland Beach to bring investigative divers (photo by Nora McNeely Hurley)

Heal the Ocean remains eternally grateful to **CA Senator Hannah-Beth Jackson for writing the legislation for SB 44, Coastal Hazards and Legacy Oil and Gas Well Removal and Remediation Program**, and we are proud to have had a big hand in pushing this legislation through the maze of congressional approval. Last, and definitely not least, the support of **Nora McNeely Hurley and her family's Manitou Fund** has provided endless help with funds to add sophisticated technology to locate oil wells, to get the oil problem solved in Summerland.

IS IT A SEEP OR AN OIL WELL? ONLY THE SOPHISTICATED SENSOR KNOWS FOR SURE

Harry Rabin captured this photo (below) of a Global Marine diver's gloved hand reaching toward the wellhead of NorthStar. To find this wellhead, Harry worked with InterAct engineers, using his sophisticated drone equipment. Using Harry's coordinates, the team then dived the location with an underwater magnetometer. **Harry, thank you for all your coordinating and for bringing in your specialized underwater surveying gear — and also your smarts!**



Divers left hand pointing to outer edge of 24' wellhead casing and right hand holding measuring tape.