

**List of key projects carried out, concessions operated, and fields discovered during the last 15 years**

Belize	Onshore Belize with Fire Creek Belize	An Oil Discovery with reserves of 24-millions barrels in-place was made and 4 delineation wells drilled. Discovered 2 by-passed Cretaceous plays and a regional deeper Jurassic play, which requires additional seismic and drilling to confirm size and resources in excess of 300 million barrels in-place.
Oman	Rub al Khali, Block 36 (with APEX 2017-2020)	Matured a 5 conventional leads into drillable prospects; and recently, and after months of hard work, discovered a regional light tight oil play (unconventional) on the southern flank of the Rub al Khali basin. Based on this finding, EOG Resources acquired and operates our block 36.
	Rub al Khali, Block 36 (with Norwegian DNO, 2014-2017)	Awarded Block 36 in 2011. acquired 1,050 km of 2D seismic and reprocessed of over 5000 km of existing seismic. Drilled an exploration well with DNO. Post-mortem analysis found there was no valid trap.
Egypt	Onshore Egypt with Madison PetroGas	Followed over 16 delineations wells drilled to start production. Production varied from 3,000 to 7,500+ bbls/day. Discovery of a heavy oil field onshore Egypt. Planned cyclic steam but not applied due to severe fiscal terms.
	Onshore Egypt with Madison PetroGas	After seismic acquisition/interpretation, drilling of two exploration wells resulted in discovery of 2 oil fields: one light oil field with recoverable reserves of 15 MMbbls, and the second a heavy 12° API.
Cameroon	Onshore Cameroon with Madison PetroGas	After seismic acquisition/interpretation, mapping of prospects; drilling led to a gas discovery that was not developed due to non-commerciality.
Algeria	2015-2017 with Emerald	Reservoir characterization of marginal oil fields on the northern carbonate province. Determination of a new Tight Oil play with huge resources.
Algeria	2020 with Emerald Resources	Investigating a regional stratigraphic glaciogenic reservoir constrained by Late Ordovician paleo-valleys in SE Algeria
Tunisia	Onshore Tunisia with Madison PetroGas	Explored Western Tunisia along the border with Algeria and Central Tunisia onshore Hamamet basins. Interpreted 3D interpretation and drilled of 2 exploratory wells and discovered an oil field.
Tunisia	Onshore Tunisia with Apex	Evaluated numerous shut-in and D&A wells and identified candidates for reactivation and re-entry.
Senegal	2014 with Apex & Al Ghurair	Assessment of the hydrocarbon potential of onshore Senegal with focus on Louga and St. Louis blocks, Northern Senegal.
Tanzania	2009-2010 with Madison PetroGas	Evaluation of the several basin, including the southern Rovuma basin. Detailed G&G study of the 1 TCF Songo-Songo gas field. We farmed in (Calgary-based) Arthumas blocks 3 & 6.
Mozambique	2008-2009 with Madison PetroGas	Evaluation of the Rovuma basin, along the border with Tanzania.
Albania	2015 with Bankers Petroleum	Portfolio assessment of an Operator in Albania: characterization of fractured carbonate, controls of their reservoir quality and their intimate association with deep-seated strike-slip faults.
Alberta, Canada	2017 with Emerald Resources	Source rock assessment: Established the maturity map of the Duvernay based on Rock-Eval analysis of few dozens of wells in Western Alberta.

Manitoba, Canada	2017 with Emerald Resources	Detailed geological correlations of Mission Canyon, Alida, Lower Amaranth and Tilston West and south of North Pierson. Sedimentological description and sequence stratigraphy analysis of the Mississippian series.
Saskatchewan, Canada	2018 with Emerald Resources	Evaluated Avalon thermal asset in 27-52-W3M, Central Saskatchewan, and was able to identify sweet spots where stacked channel units were developed in Green Street, which – after encouraging in-place resources estimate- led to launch the SAGD project (drilling of twin horizontal wells along the thickest channel axis) approximately 200 km south from the core areas where SAGD projects are developed.
North Dakota, USA	2018 with Emerald Resources	Detailed geological/geochemical analysis that led to identify a new Bakken play in SW Manitoba. Reservoirs mapping & Structural analysis and determination of what control the occurrence of oil fields.
Iran	2015-2016 with APEX	Hydrocarbon potential analysis and blocks screening of numerous areas of Iran. Reservoir characterization of Sumar oil field.
UAE	RAK, Bukha west Oil Field (JVC with Al Ghurair 2006-2009)	Interpreted Block 8 2D/3D seismic interpretation of Bukha and West Bukha Fields, carried out Petrel Geological Modeling, Vertical and Horizontal Development wells planning & execution.
Pakistan	JVC with Al Ghurair 2006-2009)	Evaluated several fields and basins and collaborated with a local oil company and the state-owned company...
Chad	2014 with DNO International	The remaining exploration potential of Chad. Identification of the overlooked areas between the Termit-Bornu and Bongor rifts.
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France	2012-2013 with Thermopiles	In early 2012, we farmed out in two permits in Paris Basin, two others in Aquitaine basins, and developed the Meistratzhein-1 Field in Alsace.
	2012-2013 with Thermopiles	Carried out a detailed geological evaluations of the Callovian reservoir quality, and more importantly the depositional play fairway southwest and identified-mapped a regional tight oil play with Potential Resources of 600 MMbbls.
Business Development	We continuously evaluate assets, concessions and shut-in wells	Attend data rooms, technical/economic evaluations of assets, concessions and shut-in wells in various basins and countries (e.g., Algeria, Libya, Turkey, Kazakhstan, Iran, Iraq, Ukraine, Spain, Columbia, Brazil, Argentina, Malaysia, Indonesia, Ivory-Coast, Sudan, Yemen, Tanzania, Gabon, Nigeria...etc)