



Titles of MEI reports about offshore safety

Year	Topic	File #	Pages	Chart
2019				
1 Dec 30, 19	MEXUS PLAN: Cooperation between SEMAR and USCG	100244	4	1
	<p>This report offers an overview of the four decades of agreements between the United States and Mexico to address maritime oil pollution. In March of 2018, the two sides updated their agreement for the protection of the Gulf of Mexico (named MEXUSGOLF). Table 1 provides a chronology of significant events and agreements since 1980.</p>			
2 Dec 22, 19	The Energy Case against USMCA: No enhanced cooperation for offshore safety	903	12	5
	<p>This report examines the chapters of the U.S.-Mexico-Canada Agreement (USMCA) to learn the advances in the agreements covering trade and investment since the North American Free Trade Agreement (NAFTA) came into force in 1994. The report asks about the extent and manner in which the energy sector is treated, with attention to the oil and gas industry in Mexico. We found that while the energy sector is scarcely mentioned there is broad room for applying the precepts and protocols of many of the chapters, notably Ch. 11 (Technical Barriers to Trade) and Ch. 28 (Good Regulatory Practices). Ch. 24 (Environment), excludes health and safety. A side agreement that is presently missing from the text would concern offshore safety in the Gulf of Mexico.</p>			
3 Nov 04, 19	Safety Profile of Oil E&P in Mexico: Meeting IADC, IOGP and COS Benchmarks	900	24	15
	<p>The institutional reforms and engineering enhancements that were undertaken in the United States in the name of safety following the Macondo accident of 2010 did not include the goal of improving offshore in the entire Gulf of Mexico, to include Mexican and Cuban waters. This report identifies gaps in the administration of safety and proposes measures to bring about equivalent safeguards in Mexico. IADC and IOGP are organizations that provide safety statistics that are sometimes used by Pemex as benchmarks.</p>			
4 Oct 07, 19	How BSEE can promote One-Gulf Safety: Go bilingual on website and cellphone apps	100240	8	1
	<p>Toward the end of promoting an offshore safety awareness in the oil industry that transcends languages barriers in the Gulf of Mexico, a simple and low-cost measure would be for the U.S. Bureau of Safety Enforcement and Environmental Enforcement (BSEE) to issue its safety bulletins in a bilingual edition with a Spanish translation. A second measure would be to create a cellphone app that would allow the user to receive safety alerts in the language of choice. This report was submitted to the Office of the Director of BSEE, and a response is pending.</p>			

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5	Jul 25, 19 Updated 7/30/2019	Pemex's Safety and Environmental Management System: How robust?	899	14	10
<p>The robustness of Pemex's safety regime is important not only to employees but also to contractors, farmout partners, regulators and communities. This report examines Pemex's safety and environmental management system that is known as PEMEX - SSPA. The system provides training and a code of conduct for both employees and contractors. Unlike the regular reports that are issued monthly for production and commerce, however, safety statistics are issued irregularly and inconsistently. Update 1 incorporates safety data from Pemex's business plan for 2019-23.</p>					
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2016					
6	Dec 23, 16	Mexico's Problematic E&P Safety Regime	832	15	2
<p>This report offers a critique of the safety guidelines that Mexico's Hydrocarbon Safety Authority (ASEA) published to coincide with the lease auction on Dec. 5, 2016, of nine deepwater blocks in Mexico's portion of the Gulf of Mexico. As an introduction to the ASEA guidelines, the report reviews of the safety frameworks that have been enhanced since the Macondo incident of 2010. The report includes a succinct account of the causes and time-line of the Macondo accident. The guidelines do not identify the hazards and risks of deepwater exploratory drilling; instead, the regulated parties are to make their own evaluation, which, in turn, will be reviewed by Authorized Third Parties. More work by ASEA is needed to be Macondo-ready.</p>					
7	Dec 15, 16	Bilingual Glossary of ASEA's Safety & Environmental Guidelines	832.1	29	0
<p>On December 7, 2016, Mexico's Hydrocarbon Safety Agency (ASEA) issued guidelines for oil and gas operations. The guidelines include some 50 terms for which definitions were provided. This report comments on the several safety regimes that inform the principles and articles of the guidelines. The 28-page addendum to the report consists of three tables generated from our Lexical Database of Mexico's Energy Sector. Table 1: English translation of selected terms. Table 2: English translation of definitions. Table 3: Bilingual text of Spanish definitions with English translations.</p>					
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2015					
8	Nov 18, 15 Updated 11/19/2015	Suitability and Safety in CNH Guidelines: Regulatory concerns	1000082	4	1
<p>This report provides a translated set of 50 terms found in the definitions and text of the CNH Guidelines that were published on Nov. 13, 2015. The report calls attention to one term, idoneidad (suitability), which appears in reference a decision to be taken by the Commission regarding the exploration and development plans of an operator.</p>					



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9	Nov 08, 15	University of Macondo: The Need for a Continuing Conversation	793	6	5
	<p>The continuing importance of the Macondo blowout and oil spill of 2010 lies not only in the need to better understand the physical and social science of the incident; it also lies in the need for stakeholders in petroleum provinces where there are multiple, national jurisdictions to be prepared for a coordinated response in the event of a future, Macondo-scale incident. Tables 1-3 examine safety issues before, during and immediately after the incident. Table 4 is a list of pending items related to technology, policy and international relations.</p>				
10	Aug 07, 15	Macondo Wellbore Influx: Findings and recommendations from a forensic analysis	789	6	3
	<p>This report presents a fresh perspective on the undetected entry into the Macondo wellbore of formation fluids on April 20, 2010. The report draws on an extended interview with Ronald E. Sweatman, who, with others, modeled the likely effects of temperature differentials in the well. Based on an analysis of fluid mechanics, they concluded that the lower portion of the cement slurry had been washed away by formation fluids within two hours of the placement of the cement. The report includes the recommendations that arise from the modeling and conclusions.</p>				
11	Apr 20, 15	The Macondo Accident (Post Litigation)	10032	7	2
	<p>Now that most of the litigation related to the Macondo accident has been settled, persons familiar with the events, testimony and back-office stories associated with the event are beginning to speak in industry conferences and published papers. In this report we take note of the first of two enduring questions: 1) Why the influx of formation fluids into the wellbore post-cementing? 2) Why the failure of well monitoring and control? In another report, we shall present new time lines for the physical and human events of the accident.</p>				
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2014					
12	Apr 20, 14 Updated 6/8/2014	Advances since Macondo: Well Integrity Management Systems & Halliburton's Technology Center	1000030	8	0
	<p>This report comments on selected themes discussed at an industry conference that took place in Houston on April 15-16 on Well Integrity Management Systems (WIMS) and related topics. Presented by DECOM WORLD, it featured diverse speakers from operators and service companies, in addition to an exhibition area for vendors that included IBM as the Gold Sponsor. WIMS seems to have replaced SEMS, a post-Macondo initiative. The report includes observations of a tour of Halliburton's Houston Technology Center on April 16. Ideas from social science are offered to complement engineering advances.</p>				



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2013					
13	Jun 05, 13 Updated 6/6/2013	OTC 2013 (Part II): Offshore Safety Culture	100170	17	2
<p>On December 20, 2013, the Bureau of Safety and Environmental Enforcement (BSEE), which provides oversight of oil and gas operators, listed traits of a robust safety culture, and asked for comments from informed parties. The agency sought to give form to the widely voiced complaint that followed the blowout and oil spill at the Macondo well in 2010: stakeholders had a lax safety culture. The topic of offshore safety was a subject of discussion at OTC 2013. This report reviews the causes of the Macondo accident in the light of BSEE's mandate that operators shall have a positive safety culture.</p>					
2012					
14	Sep 30, 12	The Political Science of Industrial Safety: Have the Deeper Lessons of Deepwater Horizon Been Learned?	093012	6	0
<p>A visit took place to the <i>Deepwater Horizon</i> by a senior, joint safety audit team on the day of the Macondo blow-out. The team focused on occupational safety and ignored issues of process safety (e.g., tests of cement integrity). See <i>The Journal of Energy & Development</i> (Vol. XXXVI, No. 2, pp. 219-226).</p> <p>http://www.scribd.com/doc/112111810/%E2%80%9CThe-Political-Science-of-Industrial-Safety-Have-the-Deeper-Lessons-of-Deepwater-Horizon-Been-Learned-%E2%80%9D-by-George-Baker</p>					
15	Apr 05, 12 Updated 5/13/2013	Center for Offshore Safety: Could Pemex and Cupet Become Members?	100120	9	2
<p>This report reviews safety, organizational and policy issues related to the Center for Offshore Safety, an organization created by the API in March 2011. The report draws principally on the presentation and discussion held at the luncheon meeting of the Houston Chapter of the International Association of Energy Economics on March 7, 2012. The speaker, Jeff Zingham, the interim executive director, emphasized that leading indicators of safety risk are not yet in place, and that lagging indicators tell little about the safety readiness of an organization.</p>					



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2011					
16	Jan 14, 11	Deepwater Safety for Pemex: Guidelines of the Hydrocarbon Commission	100074	5	2
<p>On Jan. 11, 2011, Mexico's National Hydrocarbons Commission (CNH) published its Resolution No. 12.001/10, which covers the safety precautions, standards and training that Pemex should develop for its deepwater operations. The guidelines reflect a close study of the situation at the BP Macondo well in relation to the blowout in 2010. This report comments on the strengths and weaknesses of these guidelines.</p>					
2010					
17	Nov 21, 10	Ixtoc-1 vs. Macondo: http://energiaadebate.com/ixtoc-1-vs-macondo/	112110	1	0
<p>Las lecciones que aporta el caso del pozo descontrolado costa fuera de Luisiana son de igual relevancia para México que para Estados Unidos ¿Por qué? Porque los dos países—más Cuba—comparten las aguas del Golfo de México. Al parecer, el gobierno y la sociedad civil de México no lograron sacar lecciones relevantes del derrame de 1979-80 del pozo exploratorio Ixtoc-1 de Petróleos Mexicanos. Published in Energía a Debate (November 21, 2010), and available online.</p>					
18	May 22, 10	Macondo Blowout: Safety Violations or Negligence?	100044	2	1
<p>Among the many unfolding ramifications of the blowout at BP's Macondo Prospect in Block 252 of the Mississippi Canyon a new legal dispute could arise over the definitions of negligence and prior knowledge. This report examines ambiguities in conventional understandings of these two legal concepts. Much is at stake, as BP's partner Anadarko has refused to pay a proportional share of the Macondo losses, alleging "gross negligence," the meaning of which the courts of law and public opinion will have to decide.</p>					

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