



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Planning &
Development
Department No.: 053
For Agenda Of: December 5, 2017
Placement: Departmental
Estimated Time: 45 minutes
Continued Item: No
If Yes, date from:
Vote Required: N/A

TO: Board of Supervisors
FROM: Department: Planning & Development
Director: Glenn Russell, Ph.D., Director, (805) 568-2085
Contact Info: Dianne Black, Assistant Director, (805) 568-2086
SUBJECT: Status Report of Oil and Gas Operations in Santa Barbara County

County Counsel Concurrence

As to form: Yes

Other Concurrence:

As to form: N/A

Auditor-Controller Concurrence

As to form: N/A

Recommended Actions:

That the Board of Supervisors:

- a) Receive and file this comprehensive report on the status of offshore and onshore oil and gas operations in Santa Barbara County.
- b) Determine that this report does not constitute a project under the California Environmental Quality Act (CEQA), pursuant to CEQA Guidelines Section 15378(b)(5) (Attachment 7), since receiving this Report is an organizational or administrative activity of the government that will not result in direct or indirect physical changes in the environment.

Issue Summary

On March 14, 2017, your Board requested a report from Planning and Development, in coordination with the Fire Department and the Air Pollution Control District, on the status of onshore oil and gas facilities and pipelines, including a status update regarding compliance for existing operations. In the interest of providing a comprehensive report, staff has also included the status of offshore oil and gas projects, as well as a summary of pending onshore oil and gas projects and the recently initiated federal Outer Continental Shelf leasing program. In addition to project inspection and compliance related meetings by all agencies with the oil and gas operators, staff has notified the operators as well as the environmental coalition about this Board report.

Background

Multiple county, state and federal agencies have jurisdictional roles in the regulatory oversight of oil and gas operations in the County and its adjacent offshore waters. This report addresses the inspection and regulatory compliance of Santa Barbara County oil and gas operations as implemented by the Planning and Development Department (P&D), the Fire Department (FD), and the Air Pollution Control District (APCD, a special district).

Onshore, oil and gas production derives from more than 2450 active wells and is processed (that is, dehydrated and readied for refining) at over 125 facilities that are operated by 23 different producers. (The APCD's jurisdiction includes operations in the State Tidelands and Outer Continental Shelf; APCD regulates 31 different producers.) These onshore wells and associated production facilities are generally located in the northern part of the County and are particularly concentrated in the Santa Maria Valley, Orcutt Hill, Cat Canyon, Los Alamos and Cuyama areas, mainly in State-designated oil fields. Attachment 1 provides a map showing the locations of onshore oil wells, as well as State-designated oilfield boundaries in Santa Barbara County.

Offshore, 16 platforms located in the State Tidelands and Outer Continental Shelf adjacent to Santa Barbara County produce oil and gas into onshore processing and transportation facilities. Attachment 2 is a map showing the location of platforms offshore Santa Barbara County and the related onshore facilities, as well as the major pipeline systems (further described below). Only the APCD directly regulates all 16 platforms, based on authority in the state Health and Safety Code and delegated authority from the US Environmental Protection Agency. No other County agency has direct regulatory authority over these 16 platforms. Eight of the platforms (Holly, Hondo, Harmony, Heritage, Harvest, Hidalgo, Hermosa, and Irene) produce and transport oil and gas into onshore facilities located in County jurisdiction; these onshore facilities fall under the regulatory purview of P&D, FD, and APCD. The remaining eight platforms (A, B, C, Henry, Hillhouse, Hogan, Houchin and Habitat) produce oil and gas into facilities located in Ventura County; those facilities are overseen by that county's corresponding regulatory agencies.

Two significant pipeline systems transport crude oil within and beyond the County. Until its rupture and cessation of operations in May 2015, the Plains All-American Pipeline (consisting of Line 901 along the Gaviota coast, and Line 903, running inland north from Gaviota and then east to Pentland Station in Kern County) provided crude oil transportation for six platforms associated with the ExxonMobil Santa Ynez Unit Project and the Freeport McMoRan Point Arguello Project, as well as Venoco's Platform Holly.

The second pipeline system, Phillips 66's Line 300 and its associated feeder lines, originates at the Lompoc Oil and Gas Plant east of Vandenberg Village. The line runs north carrying crude oil from platform Irene, the Lompoc Field, and other onshore production sources to the Phillips 66 Santa Maria Refinery on the Nipomo Mesa in San Luis Obispo County. The Phillips 66 Santa Maria Pump Station east of the City of Santa Maria allows trucked crude oil production from numerous onshore operations to enter the Line 300 system for transport, as well. Finally, a smaller portion of the County's onshore crude oil production is trucked as feedstock to Greka's Santa Maria Asphalt Refinery located west of City of Santa Maria.

COMPLIANCE SUMMARY – VIOLATIONS AND SPILL INCIDENTS (2015- JUNE 2017)

Energy & Minerals Division -- Petroleum Unit. Attachment 3 provides a summary of the Petroleum Unit’s well and facility annual inspections by producer, and the number of Notices of Violation (NOV) and fines issued. In the 2+ year time period from January 2015- September 2017, 161 Notices of Violation were issued, with an average of 58 Notices of Violation per year. The highest number of violations was in 2017 (86), with the preponderance of violations issuing to a single operator. One hundred forty five of 161 NOVs issued during the reporting period were directed to Greka Oil & Gas, Inc. The violations documented a variety of annual inspection infractions, including fluid leaks and other spills, failure to comply with multiple requirements of County of Santa Barbara Code Chapter 25 (Petroleum Ordinance), and violations identified in follow-up and/or specifically purposed facility inspections. The majority of these violations were minor in nature and were remedied by the respective operator in a timely manner.

In 2011, the Board amended Chapter 25 to include definitions of, and remediation requirements and punitive actions for “High Risk Operators” and “High Risk Operations”. A High-Risk Operation is defined as one that persistently violates the provisions of Chapter 25 or has a series of at least two separate unauthorized spill events of more than 15 barrels each, outside of containment at two separate facilities over a 12-month period. No facilities fell into the Petroleum Ordinance’s definition of a “High-Risk Operation” (County of Santa Barbara Code Section 25-4) during the reporting period.

Fire Department. Attachment 4 includes a summary of the Inspection Service Section’s oil and gas facility inspections by operator and the number of violations observed. In the 2+ year time period from January 2015- September 2017, 676 violations were observed, with an average of 245 violations per year. With the exception noted in the following paragraph, observed violations are generally maintenance-related and most violations are minor in nature or considered low-risk, and are corrected in a timely manner.

Spill Response (Petroleum Unit and Fire Department). Attachment 5 summarizes the 2015-September 2017 reporting period for both FD and P&D onshore spill responses, including operator name, date of incident, amounts of crude oil, produced water and total fluids spilled, and current status. This data does not include the Plains Pipeline spill in May of 2015. More information regarding the Plains spill and its associated Board report dated July 21, 2015 can be found at <https://santabarbara.legistar.com/LegislationDetail.aspx?ID=2375772&GUID=C6C22343-EE46-4575-836D-E7263F4294FE>. As shown in Attachment 5, Petroleum Unit and Fire Department staff responded to a total of 18 other spills during the reporting period, none of which created impacts to any active waterways. The sources of these spills varied, originating from lease flow lines, valves, tanks, wells and related oilfield infrastructure.

Nine spills, totaling 114 barrels of crude oil and/or produced water occurred in 2015, the largest of which (78 barrels) was attributable to Pacific Coast Energy Company’s produced water spill on the Cal Coast Lease. The spill occurred in containment and fluids were quickly and successfully removed. No waterways were impacted by the event.

Four spills occurred in 2016, creating a total of 37 barrels of total fluids spilled. The largest was a 20-barrel crude oil spill in secondary containment at Greka’s Davis Tank Battery. The spill was quickly and successfully removed; no waterways were impacted.

Five spills occurred in the first nine months of 2017, the largest of which was a February event totaling 210 barrels at Greka’s Blochman Tank Battery. The spill was traced to injection pump and alarm system failures at the facility. Winter storms exacerbated the event. While most spill fluids were contained, trace amounts of oily water escaped secondary containment by seeping through a containment berm to a

low-lying adjacent zone. However, the fluids were quickly and successfully removed; no waterways were impacted.

Air Pollution Control District. Attachment 6 includes a summary of the APCD's stationary source inspections by operating company, and the number of NOVs issued. In the 2+ year time period from January 2015- September 2017, 178 NOVs were issued, with an average of 65 NOVs per year associated with oil and gas violations throughout the county. The highest number of violations was in 2016 (71). APCD staff reports all NOVs issued each month to the APCD Board of Directors at each Board meeting and publishes them on the APCD website: <https://www.ourair.org/apcd/apcd-board-actions/>

Eighty-two of the 178 NOVs issued during the evaluation period were directed to Greka Oil & Gas, Inc (see Notice of Violation Reports). These violations included both emissions violations and administrative violations. Some examples of the violations issued include failing to operate equipment in compliance with APCD permits, local rules, state regulations, or federal regulations; failing to maintain equipment; failing to monitor operations; failing to keep records, failing to submit reports, and operating equipment without valid APCD permits. Of the 82 NOVs, 6 emissions violations and 19 administrative violations for Greka remain outstanding. The 6 outstanding emissions violations include multiple counts of operating equipment without a valid APCD permit, multiple counts of failing to operate in compliance with APCD permit and rule requirements, and failing to stop a fugitive hydrocarbon leak. APCD staff is working with Greka to resolve all outstanding violations.

Thirty-two of the 178 NOVs issued during the evaluation period were directed to Freeport McMoRan Oil & Gas, LLC (Freeport McMoRan); all but one were self-reported. (This operator is required to self-report violations they discover.) These violations include both emissions violations and administrative violations. Some examples of the violations issued include failing to operate equipment in compliance with APCD permits, local rules, state regulations, or federal regulations; failing to maintain equipment; and failing to monitor operations. Freeport McMoRan achieved compliance for all 32 of the NOVs.

Twenty-six of the 178 NOVs issued during the evaluation period were directed to ExxonMobil Production Company (ExxonMobil); all but one were self-reported. (This operator is required to self-report violations they discover.) These violations included both emissions violations and administrative violations. Some examples of the violations issued include failing to operate equipment in compliance with APCD permits, local rules, state regulations, or federal regulations; failing to monitor operations; and failing to submit reports. ExxonMobil achieved compliance for all 26 of the NOVs.

STATUS OF ONSHORE FACILITIES RELATED TO OFFSHORE PRODUCTION

As noted above, eight platforms offshore Santa Barbara County have onshore components that fall under the County's regulatory jurisdiction. Seven of these platforms, as well as the onshore facilities serving them, were shut in following the May 19, 2015 rupture and subsequent shutdown of the Plains All-American Pipeline system. Under the regulatory direction of the federal Pipeline Hazardous Materials and Safety Administration, the shut-in pipeline system has been purged and cleaned of oil, and remains inerted with nitrogen. In mid-August, Plains announced its decision to pursue permitting of a new, smaller-diameter steel pipeline system to replace the existing Line 901/903 in the same general location as the current pipeline. The permit application has been reviewed by P&D and is currently considered incomplete.

The following subsections summarize the operating and compliance status of the onshore facilities related to the production platforms offshore Santa Barbara County.

- Plains Pipeline Lines 901 & 903: The Plains All-American Pipeline system remains out of service; the seven associated platforms are likewise shut in and not currently producing oil. Plains recently submitted an application to the County to install a new, smaller diameter pipeline system to replace the 901/903 lines. That application has been found incomplete for the purposes of case processing and Plains is currently preparing the necessary items in response.
- Venoco Ellwood and platform Holly operations: Venoco, Inc. declared bankruptcy on April 17, 2017. In concert with this action, Venoco, Inc. quitclaimed platform Holly and Tidelands Lease 421 back to the state. Currently, wells on the platform and Lease 421 are the focus of a plugging and abandonment program, which will be implemented by an operator (Beacon West, LLC) under the direction of the State Lands Commission. Decommissioning (removal) of the platform will follow the two to three-year plug and abandon process. The onshore processing plant, known as the Ellwood Onshore Facility (EOF), is within the jurisdiction of the City of Goleta. The City is working with the State Lands Commission to ensure the plant is maintained in safe condition while options for its eventual decommissioning are identified. Equipment within the EOF will likely be needed to handle gas and oil associated with the platform Holly well plugging and abandonment process.
- Venoco Ellwood Marine Terminal (EMT): The non-operational marine terminal located on University of California land near Devereux Slough, was nearing issuance of a County demolition and restoration permit when Venoco declared bankruptcy. As the underlying landowner of the EMT site, UCSB has expressed interest in assuming the environmental review and permitting responsibilities for EMT demolition and restoration, and Energy & Minerals Division staff has now transferred the process and associated files.
- Venoco's Line 96 pipeline: Constructed in 2011 to connect the Holly/EOF crude oil production into the Plains All-American Line 901 at Las Flores Canyon along the Gaviota Coast, this pipeline had remained filled after the Plains spill with approximately 1700 barrels of "stranded" oil. On October 16, 2017, the Director of P&D issued an Emergency Permit to Venoco which enabled them to remove the stranded oil. The pipeline remains filled with water, biocide and corrosion inhibitor. County staff is currently identifying potential options to further empty and clean the pipeline and abandon it pursuant to State Fire Marshal requirements.
- ExxonMobil Santa Ynez Unit and Las Flores Canyon operations: All wells on Platforms Hondo, Harmony and Heritage are shut in, pipelines to shore have been cleaned and purged, and onshore facilities in Las Flores Canyon have been made hydrocarbon-free and put in preservation mode. ExxonMobil maintains staffing at the facility with sufficient personnel to monitor safety systems and processes. No significant compliance issues exist with this facility. On September 22, 2017, Exxon Mobil submitted an application to P&D with a request to facilitate phased restart (one third to one half of normal production) of the Santa Ynez Unit by trucking production until the Plains Pipeline resumes operation. That application has been reviewed by Planning & Development staff and is currently incomplete.
- FreePort McMoRan Point Arguello Project: Production at platforms Hermosa, Harvest and Hidalgo was shut in shortly after the Plains pipeline rupture. Oil pipelines from the platforms to the onshore facility at Gaviota have been cleaned and purged and are out of service. (The gas pipeline remains in service, providing PUC-quality natural gas from shore to the platforms for utility needs.) All onshore and offshore components of the project are currently in preservation mode. The operator has applied to the APCD to secure emission reduction credits from the shutdown of these facilities. APCD advises that, to secure the credits, the operator will need to

show proof of application to decommission the platforms within one year of credit issuance or the credits will be void. No significant compliance issues exist with this facility.

- FreePort McMoRan Platform Irene and the Lompoc Oil and Gas Plant (LOGP): Platform Irene was unaffected by the Plains pipeline shutdown, and continues to produce oil and gas, which are transported to the Lompoc Oil and Gas Plant for processing. Crude oil is dehydrated at the Lompoc plant; it then enters the Phillips 66 Line 300 pipeline (which runs from LOGP to the Nipomo refinery) for transportation to the Phillips 66 Santa Maria Refinery in southern San Luis Obispo County. Irene gas is treated to pipeline quality specifications (including removal of H₂S) and is either sold to Southern California Gas Company or used as fuel within the facility. No significant compliance issues exist with this facility.

PENDING ONSHORE OIL AND GAS PROJECTS

Permit applications for three substantial oil and gas development projects are currently being processed in P&D. All proposed projects are located in Cat Canyon and are adjacent to each other. Each of the proposed projects is briefly described below.

Aera Energy, East Cat Canyon Redevelopment Plan. Aera Energy proposes to develop an oil and gas production and processing facility on 305 acres of a 2,112-acre holding in east Cat Canyon. The proposed development, which is currently undergoing CEQA environmental review, is situated eight miles southeast of Santa Maria and consists of the following project elements:

- 296 wells (to include oil/gas production, steam injection, observation, non-potable water production, water injection, and fresh groundwater wells). No hydraulic fracturing is proposed.
- 72 well pads.
- 9-miles of interior access roads.
- Gathering lines, and steam distribution lines.
- Treated produced water for steaming (no groundwater to be used).
- 7 new steam generators.
- New 14-mile, 8-inch diameter natural gas pipeline.
- Electrical substation.
- Support infrastructure including office building, warehouse, facility control building, processing facilities, loading racks.

ERG West Cat Canyon Revitalization Project. ERG proposes to develop 75 acres of its 8,054-acre west Cat Canyon holding, which currently contains approximately 1,600 active and idle wells. The proposed development, which is currently undergoing CEQA environmental review, is situated seven miles southeast of Santa Maria and consists of the following project elements:

- 233 new thermally enhanced wells; no hydraulic fracturing is proposed.
- Treated produced water for steaming (no groundwater to be used).
- 91 existing well pads, 9 existing equipment pads, 10 new well pads, 1 new equipment pad.
- 4 new steam generators.

- A new 3.5-mile, 8-inch diameter natural gas pipeline to replace existing 4-inch line.
- Inner field piping to service wells.

PetroRock, LLC UCCB Energy Project. PetroRock proposes to develop an oil and gas production and processing facility on 28 acres of a 710-acre holding in west Cat Canyon. The proposed development is located six miles southeast of Santa Maria and currently supports approximately 250 abandoned oil wells, as well as an on-going soil remediation project. The project application is not yet complete, and includes the following proposed elements:

- 231 oil production, injection and water wells on 29 well pads; no hydraulic fracturing is proposed.
- Gathering lines, and steam distribution lines.
- Treated produced water for steaming (no groundwater to be used).
- 5 new steam generators.
- A 2.7-mile natural gas pipeline.
- Support infrastructure (office building, warehouse, facility control building, tank batteries, unloading facilities, processing equipment).

As noted, two of the projects, Aera and ERG, are currently undergoing environmental review. Staff anticipates these projects will be going to the Planning Commission for hearings on their discretionary permit applications in the next 6-12 months. Once determined to be complete, the PetroRock project application will also begin CEQA review. Staff anticipates hearings on this project in the next 12-18 months. P&D and APCD staff are coordinating closely as these three sizable projects are reviewed to ensure consistent analysis.

FEDERAL OCS LEASING PROGRAM UPDATE

In July 2017, the US Dept. of Interior's Bureau of Ocean Energy Management (BOEM) initiated the development of a new National Outer Continental Shelf (OCS) Oil and Gas Leasing Program for the period of 2019 – 2024, to replace the 2017– 2022 program currently in place. As with previous federal OCS leasing programs dating to 1984, no Pacific OCS lease sales arose from the 2012 – 2017 program. On July 3, 2017, BOEM issued a Request for Information with a 45-day comment period that closed August 17. The new Program is intended to consider, among other things, the potential for issuance of leases in the Pacific OCS, including offshore California. BOEM's Request for Information is the first step in a multi-step federal process of identification, sale, exploration and, ultimately, development of OCS oil and gas leases by interested operators. The new Program will include multiple opportunities for public input. The next step is to seek public review and comment on a draft proposed leasing plan that will be developed after considering inputs received during the recently-closed comment period.

Fiscal and Facilities Impacts:

Budgeted: Yes; the cost of developing this report is budgeted in the Permitting Budget Program on page D-286 of the Planning and Development Department's FY 2017/18 Adopted Budget. Oil and gas permitting, inspections and code enforcement are 100% cost reimbursable.

Special Instructions:

None.

Attachments:

Attachment 1: Map of Existing Onshore Oil & Gas Wells & State-designated Oil Field Boundaries

Attachment 2: Map Showing Offshore Production Facilities and Pipeline Transportation Infrastructure

Attachment 3: Petroleum Unit Annual Inspections and Notices of Violation, 2015 – 2017 (Sept)

Attachment 4: Fire Department Inspections and Notices of Violation, 2015 – 2017 (Sept)

Attachment 5: Petroleum Unit and Fire Dept. Crude Oil and Produced Water Spills, 2015 – 2017 (Sept)

Attachment 6: APCD Oil & Gas Inspections and Notices of Violation, 2015 – 2017 (Sept)

Attachment 7: CEQA Exemption

Authored by:

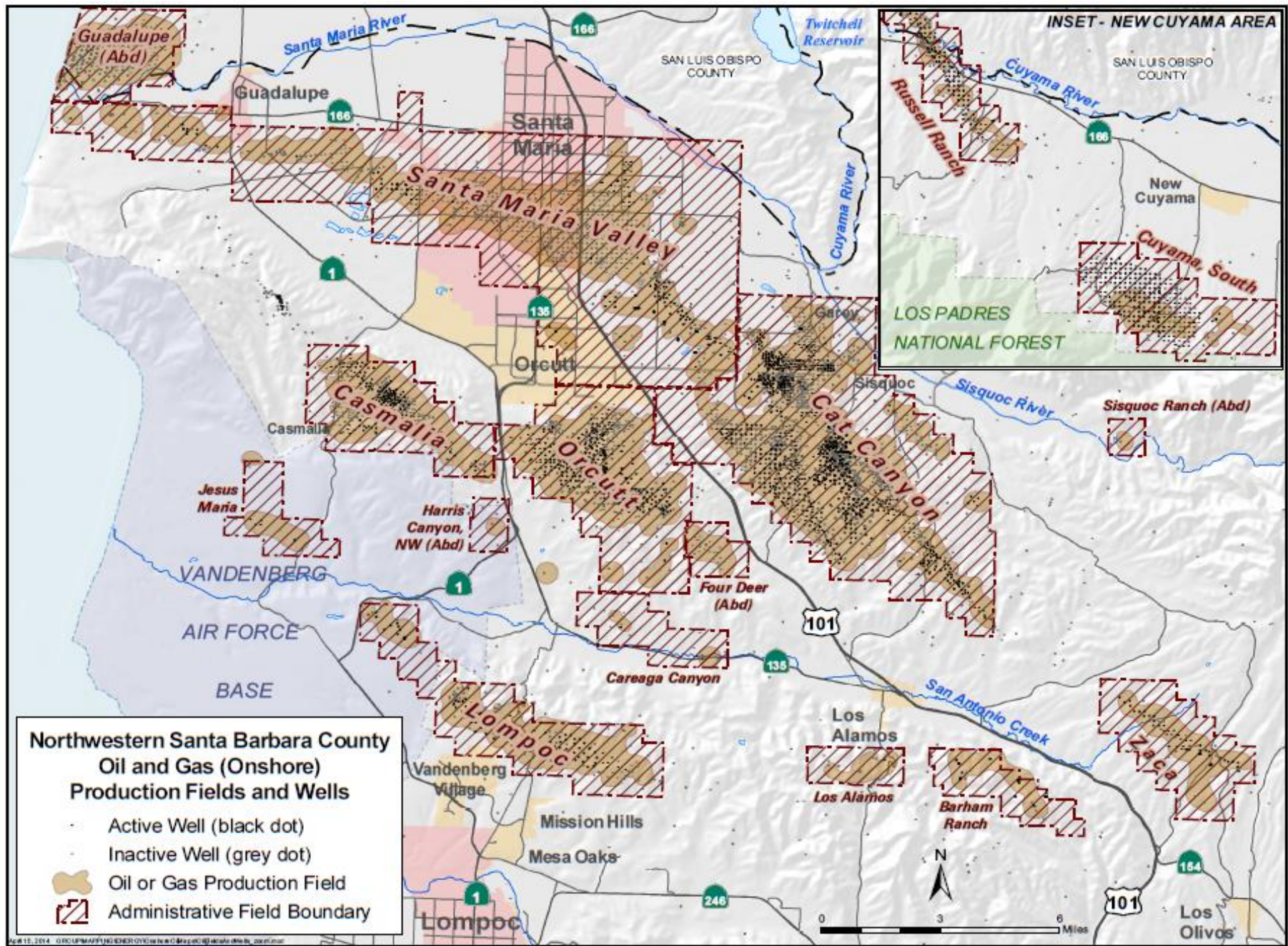
Errin Briggs, Energy Specialist, Energy & Minerals Division

Jay Snodgrass, Captain – Investigator, Fire Department

Kaitlin McNally, Compliance Division Manager, Air Pollution Control District

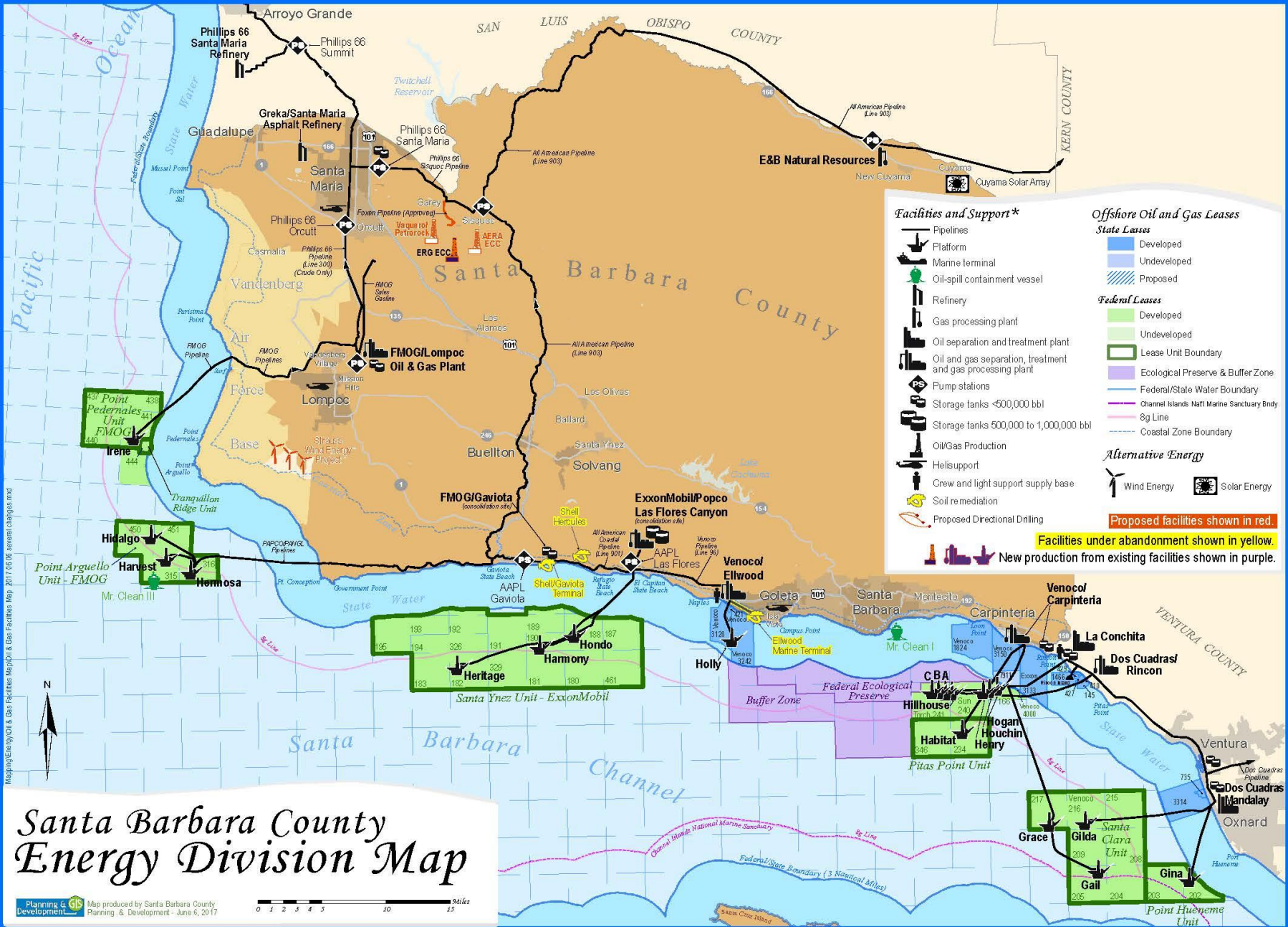
ATTACHMENT 1

**MAP OF EXISTING ONSHORE OIL & GAS WELLS & STATE-DESIGNATED
OILFIELD BOUNDARIES**



ATTACHMENT 2

**MAP SHOWING OFFSHORE PRODUCTION FACILITIES AND
PIPELINE TRANSPORTATION INFRASTRUCTURE**



Santa Barbara County Energy Division Map

Planning & Development Map produced by Santa Barbara County Planning & Development - June 6, 2017



Mapping/Energy/Oil & Gas Facilities Map/DIT & Gas Facilities Map 2017 06 06 several changes.mxd

ATTACHMENT 3

**PETROLEUM UNIT (P&D) ANNUAL INSPECTIONS AND NOTICES OF VIOLATION,
2015 – 2017 (SEPTEMBER)**

Attachment 3
Petroleum Unit (P&D) Annual Inspections and Notices of Violation

2015				
Operating Company	Facilities Inspected by Petroleum	Wells Inspected by Petroleum	Notice of Violation Issued by Petroleum	Notices of Determination of Fines Issued by Petroleum
AERA	0	4	0	0
Amrich Energy	3	13	0	0
B.E. Conway	8	60	0	0
E&B Natural Resources	21	352	0	0
ERG	28	500	0	0
Freeport McMoRan O&G	1	92	0	0
Freeport McMoRan (State)	0	3	0	0
Golden Gate Oil	3	10	0	0
Greka Oil & Gas, Inc.	34	717	27	0
KORE Energy, LLC	0	1	0	0
Off Broadway Minerals	1	2	0	0
PCEC	9	346	0	0
PRE Resources	3	5	0	0
Pyramid Oil	1	4	0	0
RMR	0	1	0	0
Santa Maria Energy, LLC	4	118	0	0
Sierra Resources	4	104	0	0
So. Cal. Gas	1	23	0	0
Temblor	0	2	0	0
Towne Exploration	1	11	0	0
Vaquero Energy	4	42	0	0
Venoco, Inc.	0	3	0	0
Vintage Production	0	39	0	0
Total	126	2452	27	0

Attachment 3 – cont.
Petroleum Unit (P&D) Annual Inspections and Notices of Violation

2016				
Operating Company	Facilities Inspected by Petroleum	Wells Inspected by Petroleum	Notices of Violation Issued by Petroleum	Notices of Determination of Fines Issued by Petroleum
AERA	0	4	0	0
Amrich Energy	4	14	8	1
B.E. Conway	8	60	0	0
E&B Natural Resources	22	350	0	0
ERG	29	500	0	0
Freeport McMoRan O&G	1	89	0	0
Freeport McMoRan (State)	0	3	0	0
Golden Gate Oil	3	10	1	0
Greka Oil & Gas, Inc.	34	722	39	3
KORE Energy, LLC	0	1	0	0
Off Broadway Minerals	1	2	0	0
PCEC	9	346	0	0
PRE Resources	3	5	0	0
Pyramid Oil	1	4	0	0
RMR	0	1	0	0
Santa Maria Energy, LLC	4	118	0	0
Sierra Resources	4	104	0	0
So. Cal. Gas	1	23	0	0
Temblor	0	2	0	0
Towne Exploration	1	11	0	0
Vaquero Energy	6	46	0	0
Venoco, Inc.	0	3	0	0
Vintage Production	0	39	0	0
Total	131	2457	48	4

Attachment 3 – cont.
Petroleum Unit (P&D) Annual Inspections and Notices of Violation

2017 (January-September)				
Operating Company	Facilities Inspected by Petroleum	Wells Inspected by Petroleum	Notices of Violation Issued by Petroleum	Notices of Determination of Fines Issued by Petroleum
Addison Oil	2	5	7	0
AERA	0	4	0	0
Amrich Energy	3	10	0	0
B.E. Conway	8	60	0	0
California Resources	0	38	0	0
E&B Natural Resources	22	349	0	0
ERG	29	500	0	0
Freeport McMoRan (State)	0	3	0	0
Golden Gate Oil	2	10	0	0
Greka Oil & Gas, Inc.	34	722	79	31
KORE Energy, LLC	0	1	0	0
Miocene Operating Services	1	4	0	0
Off Broadway Minerals	1	2	0	0
PCEC	9	344	0	0
PRE Resources	4	8	0	0
Pyramid Oil	0	1	0	0
RMR	0	1	0	0
Santa Maria Energy, LLC	4	118	0	0
Sentinel Peak Resources	1	89	0	0
Sierra Resources	4	104	0	0
So. Cal. Gas	1	23	0	0
Temblor	0	2	0	0
Towne Exploration	1	11	0	0
Vaquero Energy	6	72	0	0
Venoco, Inc.	0	3	0	0
Totals	130	2479	86	31

* Numbers in these columns represent total facilities and wells scheduled for inspection in full CY 2017.

ATTACHMENT 4

FIRE DEPARTMENT INSPECTIONS AND NOTICES OF VIOLATION, 2015 – 2017 (SEPTEMBER)

**Attachment 4
Fire Department Inspections and Violations**

2015			
Operating Company	Number of Facilities Inspected by SBC Fire	Number of Violations Identified by SBC Fire	Number of Violations Outstanding by SBC Fire
AERA	0	0	0
Amrich Energy	6	6	0
B.E. Conway	10	8	0
E&B Natural Resources	19	4	0
ERG	25	9	0
Freeport McMoRan	1	1	0
Golden Gate Oil	3	5	0
Greka Oil & Gas, Inc.	52	103	0
KORE Energy, LLC	0	0	0
Off Broadway Minerals	0	0	0
PCEC	10	11	0
PRE Resources	1	1	0
Pyramid Oil	1	2	0
RMR	0	0	0
Santa Maria Energy, LLC	4	2	0
Sierra Resources	7	18	0
So. Cal. Gas	1	2	0
Temblor	0	0	0
Towne Exploration	1	1	0
Vaquero Energy	4	4	0
Venoco, Inc.	1	0	0
Vintage Production	1	0	0
Totals	147	178	0

**Attachment 4 – cont.
Fire Department Inspections and Violations**

2016			
Operating Company	Number of Facilities Inspected by SBC Fire	Number of Violations Identified by SBC Fire	Number of Violations Outstanding by SBC Fire
AERA	0	0	0
Amrich Energy	8	23	23
B.E. Conway	8	29	0
E&B Natural Resources	22	17	0
ERG	28	11	0
Freeport McMoRan	2	0	0
Golden Gate Oil	3	12	3
Greka Oil & Gas, Inc.	33	163	0
KORE Energy, LLC	0	0	0
Off Broadway Minerals	0	0	0
PCEC	9	20	0
PRE Resources	3	26	0
Pyramid Oil	1	5	0
RMR	0	0	0
Santa Maria Energy, LLC	4	4	0
Sierra Resources	4	15	0
So. Cal. Gas	1	0	0
Temblor	0	0	0
Towne Exploration	1	5	0
Vaquero Energy	6	51	0
Venoco, Inc.	0	0	0
Vintage Production	1	0	0
Totals	124	381	23

**Attachment 4 – cont.
Fire Department Inspections and Violations**

2017			
Operating Company	Number of Facilities Inspected by SBC Fire	Number of Violations Identified by SBC Fire	Number of Violations Outstanding by SBC Fire
AERA	0	0	0
Amrich Energy	0		No Contact/ Facility's Abandoned
B.E. Conway	8	0	0
E&B Natural Resources	22	0	SSRRC
ERG	28	14	0
Freeport McMoRan	1	0	SSRRC
Golden Gate Oil	3	12	12/Facility's Abandoned
Greka Oil & Gas, Inc.	33	76	1
KORE Energy, LLC	0	0	0
Off Broadway Minerals	0	0	0
PCEC	9	0	0
PRE Resources	3	7	0
Pyramid Oil	0	0	No Contact/ Facility Abandoned
RMR	0	0	0
Santa Maria Energy, LLC	4	8	0
Sentinel Peak Resources	1	0	0
Sierra Resources	4	0	0
So. Cal. Gas	1	0	0
Temblor	0	0	0
Towne Exploration	1	0	0
Vaquero Energy	6	0	0
Venoco, Inc.	0	0	Process of being Sold
Vintage Production	0	0	0
Totals	123	117	13

ATTACHMENT 5

**PETROLEUM UNIT AND FIRE DEPARTMENT CRUDE OIL AND
PRODUCED WATER SPILLS, 2015 – 2017 (SEPTEMBER)**

Attachment 5
Petroleum Unit and Fire Department Crude Oil and Produced Water Spills, 2015 – 2017 (September)

2015					
Operator (Facility)	Case Opened	Crude Oil (bbl)	Prod. Water (bbl)	Tot. Fluids (bbl)	Status
PCEC (Cal Coast)	1-7-15	<1	77	78	Closed
Greka (Cat Canyon Security)	1-12-15	0	5	5	Closed
PCEC (Newlove)	1-22-15	1	0	1	Closed
Golden Gate (SMV Minerals)	5-14-15	3	0	3	Closed
Greka (Bell)	5-15-15	3	7	10	Closed
PCEC (Seep 92, Orcutt Hill)	6-5-15	2	0	2	Closed
Greka (Bell)	6-15-15	0	2	2	Closed
Towne Exploration (Luton)	9-23-15	<1	5	6	Closed
ERG (Tognazzini)	10-21-15	2	5	7	Closed
Totals	9	13	101	114	

Notes:

- One barrel = 42 gallons
- Entries with < (“less than”) sign are rounded up for the Totals row.
- Closed status = violation satisfactorily addressed by operator and closed by agency.
- Plains Line 901 (Refugio) Spill is not included in analysis.

Attachment 5 – cont.
Petroleum Unit and Fire Department Crude Oil and Produced Water Spills, 2015 – 2017 (September)

2016					
Operator (Facility)	Case Opened	Crude Oil (bbl)	Prod. Water (bbl)	Tot. Fluids (bbl)	Status
E&B (So. Cuyama Unit)	1-22-16	(trace)	4	4	Closed
Greka (Davis Tank Battery)	6-20-16	20	0	20	Closed
FMOG (Lompoc Plant)	9-6-16	0	10	10	Closed
E&B (So. Cuyama Unit)	9-14-16	<1	2	3	Closed
Totals	4	21	16	37	

Notes:

- One barrel = 42 gallons
- Entries with < (“less than”) sign are rounded up for the Totals row.
- Closed status = violation satisfactorily addressed by operator and closed by agency.

Attachment 5 – cont.
Petroleum Unit and Fire Department Crude Oil and Produced Water Spills, 2015 – 2017 (September)

2017 (Jan – September)					
Operator	Case Opened	Crude Oil (bbl)	Prod. Water (bbl)	Tot. Fluids (bbl)	Status
Greka (Carranza)	2-21-17	5	0	5	Closed
PCEC (Newlove)	2-21-17	1	0	1	Closed
Greka (Blochman Tank Battery)	2-22-17	10	200	210	Closed
Greka (Chamberlin)	4-5-17	1	0	1	Closed
Sentinel Peak (Jesus Maria)	6-28-17	1	0	1	Closed
Totals	5	18	200	218	

Notes:

- One barrel = 42 gallons
- Entries with < (“less than”) sign are rounded up for the Totals row.
- Closed status = violation satisfactorily addressed by operator and closed by agency.

ATTACHMENT 6

APCD OIL & GAS INSPECTIONS AND NOTICES OF VIOLATION, 2015 – 2017 (SEPTEMBER)

Attachment 6

APCD Oil & Gas Inspections and Notices of Violation

2015			
Operating Company	Number of Stationary Sources ¹ Inspected by APCD	Number of Inspections Conducted by APCD	Number of Notice of Violations Issued by APCD
Amrich Energy, Inc.	1	4	3
B.E. Conway Energy, Inc.	7	5	0
DCOR, LLC.	2	22	0
E&B Natural Resources	2	9	0
ERG Resources, LLC.	4	14	2
ExxonMobil Production Company	1	22	15
Freeport McMoRan Oil & Gas, LLC.	2	34	14
Golden Gate Oil, LLC	1	3	2
Greka Oil & Gas, Inc.	13	46	13
Greka Refining Company	1	6	0
Off Broadway Mineral	1	1	0
Pacific Coast Energy Company LP	1	16	3
Pacific Operators Offshore, LLC.	1	4	1
Phillips 66 Pipeline, LLC.	5	5	0
Plains Pipeline, LP	1	3	0
PRE Resources, Inc.	2	0	0
Purisima Hills, LLC.	1	1	0
Pyramid Oil Company	1	0	0
RMR	1	0	0
Santa Maria Energy, LLC	2	3	0
Sierra Resources	1	2	1
Southern California Gas Company	10	7	1
Temblor Petroleum Company	1	0	0
Towne Exploration	1	0	0
Underground Energy, Inc.	1	0	0
Vaquero Energy	2	1	0
Venoco, Inc.	3	14	1
Vintage Production California, LLC.	1	1	0
Totals	70	223	56

1. "Stationary Source" means any building, structure, facility, or installation which emits or may emit any affected pollutant directly or as a fugitive emission. See APCD Rule 102 (<https://www.ourair.org/wp-content/uploads/rule102.pdf>) definition for more information.

Attachment 6 – cont.
APCD Oil & Gas Inspections and Notices of Violation

2016			
Operating Company	Number of Stationary Sources¹ Inspected by APCD	Number of Inspections Conducted by APCD	Number of Notice of Violations Issued by APCD
Amrich Energy, Inc.	1	5	1
B.E. Conway Energy, Inc.	7	4	0
California Resources Production	1	2	0
DCOR, LLC.	2	22	1
E&B Natural Resources	2	7	1
ERG Resources, LLC.	4	13	2
ExxonMobil Production Company	1	20	8
Freeport McMoRan Oil & Gas, LLC.	2	25	6
Golden Gate Oil, LLC	1	2	0
Greka Oil & Gas, Inc.	13	71	38
Greka Refining Company	1	4	4
Off Broadway Mineral	1	0	0
Pacific Coast Energy Company LP	1	20	1
Pacific Operators Offshore, LLC.	1	4	0
Phillips 66 Pipeline, LLC.	5	5	0
Plains Pipeline, LP	1	7	0
PRE Resources, Inc.	2	2	0
Purisima Hills, LLC.	1	2	1
Pyramid Oil Company	1	1	0
RMR	1	1	0
Santa Maria Energy, LLC	2	1	1
Sierra Resources	1	3	1
Southern California Gas Company	10	4	0
Temblor Petroleum Company	1	1	1
Towne Exploration	1	2	2
Underground Energy, Inc.	1	1	0
Vaquero Energy	2	6	2
Venoco, Inc.	3	8	1
Totals	70	243	71

1. "Stationary Source" means any building, structure, facility, or installation which emits or may emit any affected pollutant directly or as a fugitive emission. See APCD Rule 102 (<https://www.ourair.org/wp-content/uploads/rule102.pdf>) definition for more information.

Attachment 6 – cont.

APCD Oil & Gas Inspections and Notices of Violation

2017 (Jan – Sept)

Operating Company	Number of Stationary Sources¹ Inspected by APCD	Number of Inspections Conducted by APCD	Number of Notice of Violations Issued by APCD
Addison Natural Resources, Inc.	1	1	0
Amrich Energy, Inc.	1	1	0
B.E. Conway Energy, Inc.	7	3	0
California Resources Production	1	0	0
DCOR, LLC.	2	12	0
E&B Natural Resources	2	11	0
ERG Resources, LLC.	4	11	0
ExxonMobil Production Company	1	16	3
Freeport McMoRan Oil & Gas, LLC.	2	15	12
Golden Gate Oil, LLC	1	1	0
Greka Oil & Gas, Inc.	13	48	31
Greka Refining Company	1	2	2
Off Broadway Mineral	1	0	0
Pacific Coast Energy Company LP	1	8	1
Pacific Operators Offshore, LLC.	1	0	0
Phillips 66 Pipeline, LLC.	5	1	0
Plains Pipeline, LP	1	0	0
PRE Resources, Inc.	2	2	0
Purisima Hills, LLC.	1	2	0
RMR	1	0	0
Santa Maria Energy, LLC	2	1	0
Sentinel Peak Resources California, LLC.	1	6	1
Sierra Resources	1	1	0
Southern California Gas Company	10	2	0
Temblor Petroleum Company	1	0	0
Texican Energy Corporation	1	1	0
Towne Exploration	1	0	0
Vaquero Energy	2	4	1
Venoco, Inc.	3	5	0
Totals	71	154	51

1. "Stationary Source" means any building, structure, facility, or installation which emits or may emit any affected pollutant directly or as a fugitive emission. See APCD Rule 102 (<https://www.ourair.org/wp-content/uploads/rule102.pdf>) definition for more information.

ATTACHMENT 7

CEQA EXEMPTION

ATTACHMENT 7 – CEQA NOTICE OF EXEMPTION

TO: Santa Barbara County Clerk of the Board of Supervisors

FROM: Peter Cantle, Planning & Development

The project or activity identified below is determined to be exempt from further environmental review requirements of the California Environmental Quality Act (CEQA) of 1970, as defined in the State and County Guidelines for the implementation of CEQA.

APN: N/A

Case Nos.: N/A

Location: County of Santa Barbara

Project Title: Compliance Status of Oil and Gas Operations in Santa Barbara County

Project Applicant: N/A

Project Description:

Staff briefing to the Board of Supervisors regarding compliance status of oil and gas operations in Santa Barbara County.

Name of Public Agency Approving Project: County of Santa Barbara

Name of Person or Agency Carrying Out Project: N/A

Exempt Status: (Check one)

- Ministerial
- Statutory Exemption
- Categorical Exemption
- Emergency Project
- Declared Emergency

Cite specific CEQA and/or CEQA Guideline Section: §15378(b)(5) – Organizational or administrative activities of governments that will not resulting direct or indirect physical changes in the environment.

Reasons to support exemption findings: Receiving and filing this report is not a project. It is an administrative government activity that will not result in direct or indirect physical changes in the environment.

Lead Agency Contact Person: Errin Briggs Phone #: 568-2047

Department/Division Representative: _____ Date: December 5, 2017

Acceptance Date: _____

Distribution: Hearing Support Staff

Project file (when P&D permit is required)
Date Filed by County Clerk: _____.