

Oil and Gas Extraction Goals, Programs, and Policy Excerpts

Ventura County Coastal Area Plan & Local Coastal Plan

The Coastal Area Plan and the County's Zoning Ordinance for the Coastal Zone together constitute the "Local Coastal Program" (LCP) required for the unincorporated portions of the Coastal Zone by the California Coastal Act of 1976. The Coastal Area Plan is also an Area Plan for the unincorporated coastal portions of Ventura County and, as such, is part of the County's General Plan.

The local coastal program specifically applies to development undertaken and proposed to be undertaken in the unincorporated portions of the Coastal Zone of Ventura County.

The excerpts below directly relate to oil and gas development. You can also [click here to view the entire Coastal Area Plan](#)

Chapter 2 - Summary of Coastal Act Policies

Chapter 4 - Land Use Plan

Chapter 4 - Goals, Policies and Programs

4.2 The North Coast

4.3 The Central Coast

4.4 The South Coast

Chapter 2 - SUMMARY OF COASTAL ACT POLICIES

2.7 Hazards

§ 30232 Oil and Hazardous Substance Spills

“Protection against the spillage of crude oil, gas, petroleum products, or hazardous substances shall be provided in relation to any development or transportation of such materials. Effective containment and cleanup facilities and procedures shall be provided for accidental spills that do occur.”

§ 30253 Minimization of Adverse Impacts

New development shall do all of the following:

- (a) Minimize risks to life and property in areas of high geologic, flood, and fire hazard.
- (b) Assure stability and structural integrity, and neither create nor contribute significantly to erosion, geologic instability, or destruction of the site or surrounding area or in

any way require the construction of protective devices that would substantially alter natural landforms along bluffs and cliffs.

- (c) Be consistent with requirements imposed by an air pollution control district or the State Air Resources Board as to each particular development.
- (d) Minimize energy consumption and vehicle miles traveled.
- (e) Where appropriate, protect special communities and neighborhoods that, because of their unique characteristics, are popular visitor destination points for recreational uses.

2.8 Energy

§ 30001.2 Legislative Findings and Declarations; Economic Development

The Legislature further finds and declares that, notwithstanding the fact electrical generating facilities, refineries, and coastal-dependent developments, including ports and commercial fishing facilities, offshore petroleum and gas development, and liquefied natural gas facilities, may have significant adverse effects on coastal resources or coastal access, it may be necessary to locate such developments in the coastal zone in order to ensure that inland as well as coastal resources are preserved and that orderly economic development proceeds within the state.

§ 30260 Location or Expansion

Coastal-dependent industrial facilities shall be encouraged to locate or expand within existing sites and shall be permitted reasonable long-term growth where consistent with this division. However, where new or expanded coastal-dependent industrial facilities cannot feasibly be accommodated consistent with other policies of this division, they may nonetheless be permitted in accordance with this section and Sections 30261 and 30262 if (1) alternative locations are infeasible or more environmentally damaging; (2) to do otherwise would adversely affect the public welfare; and (3) adverse environmental effects are mitigated to the maximum extent feasible.

2.9 Oil and Gas Development

§ 30232 Oil and Hazardous Substance Spills – See Hazards section.

§ 30262 Oil and Gas Development

- a) Oil and gas development shall be permitted in accordance with Section 30260, if the following conditions are met:
 - (1) The development is performed safely and consistent with the geologic conditions of the well site.
 - (2) New or expanded facilities related to that development are consolidated, to the maximum extent feasible and legally permissible, unless consolidation will have adverse environmental consequences and will not significantly reduce the number

of producing wells, support facilities, or sites required to produce the reservoir economically and with minimal environmental impacts.

- (3) Environmentally safe and feasible subsea [sic] completions are used when drilling platforms or islands would substantially degrade coastal visual qualities unless use of those structures will result in substantially less environmental risks.
- (4) Platforms or islands will not be sited where a substantial hazard to vessel traffic might result from the facility or related operations, as determined in consultation with the United States Coast Guard and the Army Corps of Engineers.
- (5) Such development will not cause or contribute to subsidence hazards unless it is determined that adequate measures will be undertaken to prevent damage from such subsidence.
- (6) With respect to new facilities, all oilfield brines are reinjected into oil-producing zones unless the Division of Oil and Gas of the Department of Conservation determines to do so would adversely affect production of the reservoirs and unless injection into other subsurface zones will reduce environmental risks. Exceptions to reinjections will be granted consistent with the Ocean Waters Discharge Plan of the State Water Resources Control Board and where adequate provision is made for the elimination of petroleum odors and water quality problems.
- (7)
 - (A) All oil produced offshore California shall be transported onshore by pipeline only. The pipelines used to transport this oil shall utilize the best achievable technology to ensure maximum protection of public health and safety and of the integrity and productivity of terrestrial and marine ecosystems.
 - (B) Once oil produced offshore California is onshore, it shall be transported to processing and refining facilities by pipeline.
 - (C) The following guidelines shall be used when applying subparagraphs (A) and (B):
 - (i) "Best achievable technology," means the technology that provides the greatest degree of protection taking into consideration both of the following:
 - Processes that are being developed, or could feasibly be developed, anywhere in the world, given overall reasonable expenditures on research and development.
 - Processes that are currently in use anywhere in the world. This clause is not intended to create any conflicting or duplicative regulation of pipelines, including those governing the transportation of oil produced from onshore reserves.
 - (ii) "Oil" refers to crude oil before it is refined into products, including gasoline, bunker fuel, lubricants, and asphalt. Crude oil that is upgraded in quality through residue reduction or other means shall be transported as provided in subparagraphs (A) and (B).

- (iii) Subparagraphs (A) and (B) shall apply only to new or expanded oil extraction operations. "New extraction operations" means production of offshore oil from leases that did not exist or had never produced oil, as of January 1, 2003, or from platforms, drilling island, subsea completions, or onshore drilling sites, that did not exist as of January 1, 2003. "Expanded oil extraction" means an increase in the geographic extent of existing leases or units, including lease boundary adjustments, or an increase in the number of well heads, on or after January 1, 2003.
 - (iv) For new or expanded oil extraction operations subject to clause (iii), if the crude oil is so highly viscous that pipelining is determined to be an infeasible mode of transportation, or where there is no feasible access to a pipeline, shipment of crude oil may be permitted over land by other modes of transportation, including trains or trucks, which meet all applicable rules and regulations, excluding any waterborne mode of transport.
- (8) If a state of emergency is declared by the Governor for an emergency that disrupts the transportation of oil by pipeline, oil may be transported by a waterborne vessel, if authorized by permit, in the same manner as required by emergency permits that are issued pursuant to Section 30624.
- (9) In addition to all other measures that will maximize the protection of marine habitat and environmental quality, when an offshore well is abandoned, the best achievable technology shall be used.
- b) Where appropriate, monitoring programs to record land surface and near-shore ocean floor movements shall be initiated in locations of new large-scale fluid extraction on land or near shore before operations begin and shall continue until surface conditions have stabilized. Costs of monitoring and mitigation programs shall be borne by liquid and gas extraction operators.
- c) Nothing in this section shall affect the activities of any state agency that is responsible for regulating the extraction, production, or transport of oil and gas.

§ 30265 Legislative Findings and Declarations; Offshore Oil Transportation

The Legislature finds and declares all of the following:

- (a) Transportation studies have concluded that pipeline transport of oil is generally both economically feasible and environmentally preferable to other forms of crude oil transport.
- (b) Oil companies have proposed to build a pipeline to transport offshore crude oil from central California to southern California refineries, and to transport offshore oil to out-of-state refiners.
- (c) California refineries would need to be retrofitted if California offshore crude oil were to be used directly as a major feedstock. Refinery modifications may delay achievement of air quality goals in the southern California air basin and other regions of the state.

- (d) The County of Santa Barbara has issued an Oil Transportation Plan which assesses the environmental and economic differences among various methods for transporting crude oil from offshore California to refineries.
- (e) The Governor should help coordinate decisions concerning the transport and refining of offshore oil in a manner that considers state and local studies undertaken to date, that fully addresses the concerns of all affected regions, and that promotes the greatest benefits to the people of the state.

§ 30265.5 Coordination of Activities Concerning Offshore Oil Transport and Refining

- (a) The Governor, or the Governor's designee, shall coordinate activities concerning the transport and refining of offshore oil. Coordination efforts shall consider public health risks, the ability to achieve short- and long-term air emission reduction goals, the potential for reducing California's vulnerability and dependence on oil imports, economic development and jobs, and other factors deemed important by the Governor, or the Governor's designees.
- (b) The Governor, or the Governor's designee, shall work with state and local agencies, and the public, to facilitate the transport and refining of offshore oil in a manner which will promote the greatest public health and environmental and economic benefits to the people of the state.
- (c) The Governor, or the Governor's designee, shall consult with any individual or organization having knowledge in this area, including, but not limited to, representatives from the following:
 - (1) State Energy Resources Conservation and Development Commission
 - (2) State Air Resources Board
 - (3) California Coastal Commission
 - (4) Department of Fish and Game
 - (5) State Lands Commission
 - (6) Public Utilities Commission
 - (7) Santa Barbara County
 - (8) Santa Barbara County Air Pollution Control District
 - (9) Southern California Association of Governments
 - (10) South Coast Air Quality Management Districts
 - (11) Oil industry
 - (12) Public interest groups
 - (13) United States Department of the Interior
 - (14) United States Department of Energy
 - (15) United States Environmental Protection Agency

(16) National Oceanic and Atmospheric Administration

(17) United States Coast Guard

- (d) This act is not intended, and shall not be construed, to decrease, duplicate, or supersede the jurisdiction, authority, or responsibilities of any local government, or any state agency or commission, to discharge its responsibilities concerning the transportation and refining of oil.

2.9 Tanker Facilities

§ 30261 Tanker Facilities; Use and Design

Multicompany use of existing and new tanker facilities shall be encouraged to the maximum extent feasible and legally permissible, except where to do so would result in increased tanker operations and associated onshore development incompatible with the land use and environmental goals for the area. New tanker terminals outside of existing terminal areas shall be situated as to avoid risk to environmentally sensitive areas and shall use a monobuoy system, unless an alternative type of system can be shown to be environmentally preferable for a specific site. Tanker facilities shall be designed to (1) minimize the total volume of oil spilled, (2) minimize the risk of collision from movement of other vessels, (3) have ready access to the most effective feasible containment and recovery equipment for oil spills, and (4) have onshore deballasting facilities to receive any fouled ballast water from tankers where operationally or legally required.

2.10 Refineries and Petrochemical Facilities

§ 30263 Refineries or Petrochemical Facilities

- (a) New or expanded refineries or petrochemical facilities not otherwise consistent with the provisions of this division shall be permitted if (1) alternative locations are not feasible or are more environmentally damaging; (2) adverse environmental effects are mitigated to the maximum extent feasible; (3) it is found that not permitting such development would adversely affect the public welfare; (4) the facility is not located in a highly scenic or seismically hazardous area, on any of the Channel Islands, or within or contiguous to environmentally sensitive areas; and (5) the facility is sited so as to provide a sufficient buffer area to minimize adverse impacts on surrounding property.
- (b) New or expanded refineries or petrochemical facilities shall minimize the need for once-through cooling by using air cooling to the maximum extent feasible and by using treated waste waters from in plant processes where feasible.

Chapter 3

LAND USE PLAN

3.1 Land Use Designations

- Industrial - The main intent of this designation is to recognize industrial uses found in the unincorporated Coastal Zone or areas where expansion of existing industrial uses is logical. Most of the uses now found in this designation are coastal-dependent such as the Rincon and La Conchita oil and gas processing facilities that service offshore oil. Any vacant parcels shown as "Industrial" should be annexed prior to any development. Principal permitted uses are oil processing facilities or expansion of said facilities, associated administrative or executive offices, and oil and gas exploration, production, and temporary storage

Chapter 4

Goals, Policies and Programs

4.2 THE NORTH COAST

4.2.5 Energy and Industrial Facilities

A. Oil and Gas Facilities:

Three onshore oil fields in production on the North Coast of Ventura County are either within or very close to the coastal zone (Figure 4.2-8):

- Rincon Field - Located north of Pitas Point, with both onshore and offshore portions. The onshore portion comprises about 75 percent of the proven acreage of the field. While the Rincon Field is one of the largest producing fields in the County, its production has declined in recent years, as has the production of all County fields.
- San Miguelito Field - Located south of Pitas Point, and extending into the mountainous area outside the coastal zone. There have been various operators in this field over time. Only a portion of this lease is within the coastal zone. There is a seawater treatment facility within this field, south of Pitas Point adjacent to the 101 Freeway which is in the coastal zone.
- Ventura Field - The Ventura Field is entirely outside the coastal zone boundary, but nevertheless close to the sub-area.

Ventura County has issued several Conditional Use Permits for oil drilling and related activities on the North Coast (Figure 4.2-9). Existing and anticipated future onshore oil

drilling/production activities within the coastal zone are confined to the known limits of the above oil fields. It is not the intention of the Plan to preclude oil and gas exploration and development outside the limits of these fields, except as otherwise noted in the energy policies.

There are six separation and treatment facilities on the North Coast, one of which is outside the coastal zone. Two, the Rincon Oil and Gas Processing Facility and the La Conchita Oil and Gas Processing Facility, are used exclusively to process production from Outer Continental Shelf (OCS) leases. These facilities are within the North Coast "Existing Community" designation, which allows expansion of the facilities per the existing zoning on the sites (Figures 4.2-8 and 4.2-9).

- Rincon Oil and Gas Processing Facility - This separation treatment facility has a net design capacity of 110,000 barrels of oil per day (BOPD) and 15 million cubic feet of natural gas per day (MMCF/D). Currently, there is about 98,000 BOPD and 7 MMDF/D of unused capacity. Approximately 15 acres adjacent to the existing 32-acre facility could be utilized for plant expansion with a minimum of grading. The site is zoned "C-M" (Coastal Industrial). Also located on the site is a 268,000 barrel storage tank.
- La Conchita Oil and Gas Processing Facility - Also a separation treatment facility, it covers a total of 16 acres, 11 of which are developed. The site is zoned "C-M" (Coastal Industrial). Net design capacity is 27,000 BOPD and 22 MMCF/D. Currently, there are about 3,000 BOPD and 20 MMCD/D of unused capacity. About five acres of the site can be used for expansion.

The other separation treatment facilities on the North Coast are located at the base of the mountains below the Rincon Oil and Gas Processing Facility, inland of the U.S. Highway 101. Historically, these facilities have been called the Mobil-Ferguson, Cabot-Rincon, and Chanslor/Coline facilities. These facilities' expansion possibilities are extremely limited due to the size of the sites and the marginal amount of usable land.

The coastal onshore oil and gas fields have been experiencing declining production in recent years, thus there is sufficient capacity within existing separation/treatment facilities to handle onshore production. Additionally, the current unused capacity of the Rincon and La Conchita oil and gas processing facilities is projected to be sufficient to accommodate all anticipated future production from known reserves in the eastern Santa Barbara Channel. Furthermore, the Rincon facility has enough available land to expand its throughput to accommodate all projected future production in the Channel. Therefore, no new separation/treatment facilities are necessary on the North Coast.

B. Pipelines

There are two offshore pipelines and landfall sites on the North Coast. These are the Dos Cuadros Pipeline that transports OCS oil and gas to the Rincon facility. The landfall site is just north of the Seacliff Community in the Rincon area. The other offshore pipeline is the Carpinteria OCS Pipeline with a landfall site about 0.25 miles northwest of the community of La Conchita.

In addition to the two offshore pipelines there are six onshore pipelines. Five of these are "private carriers" while the sixth is a "common carrier" and subject to regulation by the

PUC. The "common carrier" is a pipeline that connects the La Conchita oil and gas processing facility with the Rincon oil and gas processing facility.

The Ventura County Coastal Zoning Ordinance sets forth the regulations for pipelines and facilities in the Coastal Zone.

C. Other Facilities

During the exploratory drilling phase of offshore oil development, temporary service bases, known as staging areas, are needed areas for shipping equipment, supplies, and personnel to offshore sites. All are small operations that require limited acreage and are leased on a short-term basis. Staging areas should be allowed in all areas subject to industrial zoning and a CUP to ensure compliance with this Plan. No existing industrial or energy facilities, except pipelines, are located between the U.S. Highway 101 and the shoreline. In addition, no electrical facilities are sited on the North Coast. Southern California Edison Company identified a potential need back in the early 1980's for an electrical generating substation, near La Conchita. There is a relatively flat parcel of sufficient size for a substation just northerly of La Conchita.

D. Industrial Facilities

The Coastal Act offers only limited guidance in siting coastal-dependent industrial facilities in "Urban" versus "Rural/Open Space" areas. For purposes of this Plan, new industrial development requiring a "Coastal Industrial" (C-M) zone, will be considered urban development. Oil drilling activities have not been considered "Urban" in nature, and are therefore allowed in most County areas by Conditional Use Permit. Additionally, industrial facilities are permitted in unincorporated areas if they are within "Existing Community" areas designated by the Board of Supervisors. The only industrial facilities on the North Coast are those energy-related facilities previously described.

Energy and Industrial Facilities Goal 1

To allow continued exploration and production of oil and gas in most of the North Coast sub-area, and to allow the necessary expansion of major, existing processing facilities while meeting Coastal Act and County objectives and maintaining environmental quality.

Policies

1. All land between U.S. Highway 101 (Ventura Freeway) and the shoreline; or land designated "Residential," "Recreational," or shown as "Environmentally Sensitive Habitat," will be considered as unacceptable for new energy and industrial facilities of any kind. Pre-existing facilities and oil/gas/communication pipelines, and repair of such will be considered acceptable.
2. Within the land area between U.S. Highway 101 (Ventura Freeway) and the landward coastal zone boundary, oil drilling and directly related facilities are permitted by Conditional Use Permit consistent with Section 30260 of the Coastal Act. No new major facilities, which require a "Coastal Industrial" (C-M) zone, or expansion of existing facilities will be permitted, unless located in an area designated "Industrial."
3. All surface activities, including those regulated by the Division of Oil, Gas and Geothermal Resources related to the development of onshore oil and gas resources

in the coastal zone are considered to be projects that require a Conditional Use Permit (CUP) and a Coastal Development Permit. Both permits will be issued simultaneously through one CUP process. See the Coastal Zoning Ordinance (including, but not limited to Section 8175-8.7) for a list of standard oil development design and operational criteria applied to all new permits for expanded or new oil activities. Additional conditions may be required depending on the specific request and the location.

4. A Development Plan shall accompany the application for a CUP for those activities stated in Policy 3, and shall include:
 - a. The location of drilling and/or production sites, storage tanks, pipelines and access roads.
 - b. Plans for the consolidation, to the maximum extent feasible, of drilling and/or production facilities, as well as accessory facilities.
 - c. A phasing plan for the staging of development that indicates the approximate anticipated timetable for project installation, completion and decommissioning.
 - d. A plan for eliminating or substantially mitigating adverse impacts on habitat areas, prime agricultural lands, recreational areas, scenic resources and archaeological sites due to siting, construction, or operation of facilities.
 - e. Grading plans for all facilities requiring the movement of greater than 50 cubic yards of dirt. For any development requiring a grading permit, either (1) a Storm Water Pollution Control Plan (SWPCP) shall be prepared and submitted in accordance with the Ventura County Municipal Storm Water Permit, Order No. 00-108, Part 4 - Special Provisions, D. Programs for Construction Sites, or (2) a Stormwater Pollution Prevention Plan (SWPPP) shall be prepared and submitted in accordance with the State General Permit for Stormwater Discharges Associated with Construction Activity, whichever is applicable.
 - f. A description of means by which all oil and gas will be transported off-site to a marketing point. Pursuant to Policy 7 (below), transshipment of crude oil and gas shall be through on-shore pipeline.
 - g. A description of the procedures for the transport and disposal of all solid and liquid wastes.
 - h. Oil spill prevention and control measures.
 - i. Fire prevention procedures.
 - j. Emission control equipment.
 - k. Procedures for the abandonment and restoration of the site, including a timeline, and clarification as to whether or not the abandonment will be in place or the infrastructure will be removed.
 - l. Compliance with any other requirement of the Ventura County Zoning Ordinance for the Coastal Zone related to oil and gas development.

- m. All facilities supporting oil and gas development must comply with the terms and requirements of the State General Industrial Activities Storm Water Permit, including the development and submittal of a Storm Water Pollution Prevention Plan.
5. All energy and industrial facilities in the Plan shall be so sited and designed to eliminate or reduce, to the maximum extent feasible, impacts to biological, geological, archaeological, agricultural, visual and recreational resources.
 6. All anticipated future offshore oil and gas production in the eastern Santa Barbara Channel to be processed in Ventura County shall utilize the Rincon or La Conchita oil and gas processing facilities for onshore separation/treatment, unless it is not technically or economically feasible.
 7. Transshipment of crude oil through an onshore pipeline for refining shall be a condition of approval for expansion of existing processing facilities or construction of new facilities.
 8. When feasible, pipelines shall be routed to avoid important coastal resources, including recreation, environmentally sensitive habitats and archaeological areas. Unavoidable routing through recreation, habitat, or archaeological areas, or other areas of significant coastal resource value, shall be done in a manner that minimizes the impacts of a spill, should it occur, by considering spill volumes, duration, and projected path. Where new liquid pipeline segments pass through sensitive resource areas, recreation areas or archaeological areas, the segment shall be isolated, in the case of a break, by automatic shutoff valves.
 9. The County shall determine whether spacing of automatic shutoff valves at intervals less than the maximum set by the U.S. Department of Transportation - Office of Pipeline Safety (DOT-OPS), or the California State Fire Marshall is required to protect sensitive coastal resources, and if so, shall require spacing at intervals which provide appropriate protection.
 10. In sensitive resource areas the extent of construction and ground surface disturbance shall be reduced to a minimum by restricting construction activities and equipment within narrow, limited and staked work corridors and storage areas.
 11. All offshore to onshore pipelines shall, where feasible, be located at existing pipeline landfall sites, and shall be buried from a point offshore commencing where wave action first causes significant bottom disturbance. In addition, landfall sites are prohibited from areas designated as "Residential" or shown as "Environmentally Sensitive Habitat."
 12. Except for pipelines exempted from coastal development permits under Section 30610 of the Coastal Act as defined by the State Coastal Commission's Interpretive Guidelines, a survey shall be conducted along the route of any pipeline in the coastal zone to determine what, if any, coastal resources may be impacted by construction and operation of a pipeline and any feasible mitigation measures. The costs of this survey shall be borne by the applicant, and may be conducted as part of environmental review if an Environmental Impact Report or Mitigated Negative Declaration is required for a particular project.

13. Owners/operators shall notify both the County of Ventura Planning Division and any other designated affected State agencies (e.g. DOGGR, CSFM, SLC, LARWQCB) of any intent to decommission and/or remove any pipelines and/or facilities. Upon completion of pipeline construction or removal of pipelines and/or facilities, the site shall be restored to the approximate previous grade and condition. Upon removal or decommissioning of pipelines and/or facilities, an assessment of the surrounding soils shall be conducted by a qualified licensed expert, e.g. a licensed geologist or registered professional civil engineer, to determine whether or not those soils are contaminated. If the soils are found to be contaminated, a soil remediation plan delineating the method and timing of remediation shall be prepared and submitted to the County Planning Division and the Los Angeles Regional Water Quality Control Board for their review and approval. All excavated materials shall be replaced in reverse order with topsoil replaced at grade level and compacted if necessary. All sites previously covered with native vegetation shall be re-seeded with the same or recovered with the previously removed vegetation materials and shall include other measures as deemed necessary to prevent erosion until the vegetation can become established.
14. Geologic investigations shall be performed by a qualified geologist or engineering geologist where a proposed petroleum pipeline route crosses potential fault zones, seismically active areas, or moderately high to high risk landslide areas. This report shall investigate the potential risk and recommend such mitigation measures as pipeline route changes and/or engineering measures to help assure the integrity of the pipeline and minimize erosion, geologic instability, and substantial alterations of the natural topography. New pipeline corridors shall be consolidated with existing pipeline or electrical transmission corridors where feasible, unless there are overriding technical constraints or significant social, aesthetic, environmental, or economic concerns.
15. Transmission line rights-of-way shall be routed to minimize impacts on the viewshed in the coastal zone, especially in scenic rural areas, and to avoid locations which are on or near habitat, recreational, or archaeological resources, whenever feasible. Scarring, grading, or other vegetative removal shall be repaired, and the affected areas re-vegetated with plants similar to those in the area to the extent safety and economic considerations allow.
16. In important scenic areas, where above-ground transmission line placement would unavoidably affect views, under grounding shall be required where it is technically and economically feasible unless it can be shown that other alternatives are less environmentally damaging. When above-ground facilities are necessary, design and color of the support towers shall be compatible with the surroundings to the extent safety and economic considerations allow.
17. Pursuant to section 307(f) of the Coastal Zone Management Act of 1972 (16 USC § 1456(f)), the adopted Ventura County Air Quality Management Plan shall be used as a criterion in determining consistency of federal actions on the Outer Continental Shelf (OCS) with the California Coastal Management Program (CCMP). Pursuant to Section 328 of the Federal Clean Air Act (42 USC § 7627), all activities on the OCS

must comply with the Outer Continental Shelf Air Regulations as specified in 40 CFR Part 55.

18. Experimental uses that provide energy from alternative sources, such as wind or solar, may be permitted by Conditional Use Permit in areas designated "Open Space."
19. Upon decommissioning of off-shore facilities that contain on-shore facilities and/or pipelines (or "components"), a phasing plan shall be submitted delineating the timeline for disposition of the on-shore facilities.
20. Coastal Act sections 30101, 30101.3, 30255, and 30260, will be used as the criteria by the County to determine, on a case-by-case basis, whether onshore or offshore oil and gas development and an energy-related industrial facility supporting such development is defined as "coastal-dependent development" or "coastal-related development", based on the specific geographic, technological, and economic characteristics of the project being proposed.

4.3 THE CENTRAL COAST

4.3.6 Energy and Industrial Facilities

Several industrial facilities for energy production are located on the Central Coast: 1) oil and gas and processing and distribution facilities; 2) electrical generating plants; and 3) marine terminals and storage tanks. Proposals have been made for expanding development of offshore oil and gas fields, related onshore facilities, and new electrical generating plants (Figures 4.3-7 and 4.3-8).

I. Oil and Gas Facilities

The West Montalvo oil field is located on the Oxnard Plain immediately south of the Santa Clara River. It extends into the State Tidelands. Most of the West Montalvo field lies within the unincorporated areas of the County; however, portions in the vicinity of McGrath State Park and Mandalay Beach are in the corporate boundaries of the City of Oxnard. The onshore portion comprises approximately 80 percent of the proven acreage of the field. There are some directionally drilled wells in this field that produce from offshore by drilling under the ocean.

The onshore portion of the West Montalvo field consists of four leases: McGrath #4 lease; McGrath #5 lease; Patterson Ranch lease, Parcel 1 and Parcel 2. These leases are only partially within the coastal zone (Figure 4.3-8). There have been several Conditional Use Permits and modifications on these leases issued by the County over a period of many years.

There are currently three processing facilities within the coastal zone: one west of Harbor Boulevard near its intersection with Gonzales Road, and two east of Harbor Boulevard, south of the Santa Clara River. A compressor pump station is located south of Fifth Street, adjacent to the Edison Canal in Oxnard.

In September of 1978, there were 18 producing onshore wells, and one producing offshore well, in the West Montalvo oil field. These wells are located on both the east and west sides of Harbor Boulevard.

II. Pipelines

One major oil pipeline is located in the Central Coast. It is made up of three segments routed from the Rincon pump station to the Ventura Pump Station (which includes storage tanks) at Ventura Harbor and on to Los Angeles. Only the first segment crosses the coastal zone. It consists of an 8-inch line from the Ventura Pump Station to the Santa Paula Pump Station.

III. Electrical Generation and Transmission Facilities

The California Public Utilities Commission and California Energy Commission are the agencies responsible in the area of electric transmission lines which includes technical and safety performance and environmental concerns. All electrical transmission lines proposed for the coastal zone are developments under the Coastal Act, thus the County has permit review over them. However, the Warren-Alquist Energy Resources Conservation and Development Act of 1975 exempts new power plants with capacity greater than 50 megawatts and electric transmission lines connecting such plants to the existing transmission system from local government permit authority.

While impacts from erosion, grading, and the operation of equipment may occur during construction and result in damage to coastal land resources and habitat areas, the primary concerns are associated with overhead electric transmission lines and their long term impacts on views and visual resources. Visual impacts are particularly severe in undeveloped areas, especially the foothills and upland areas, and along the coastal terrace. Mitigation measures are limited at this time to alternate routine locations and undergrounding of lines, which is expensive.

Reliant Energy operates two major electric generating stations on the Central Coast: Mandalay Beach, located on the coast within the City of Oxnard, seaward of Harbor Boulevard and approximately a half mile north of West Fifth Street; and Ormond Beach, also in the City of Oxnard on the beach, northwest of Arnold Road and approximately a half mile south of McWane Boulevard. The combined generating capacity of these two power plants is 2,010 megawatts (MW) or three times the total electrical requirements of Ventura County. Transmission lines from both generating stations cross the coastal zone.

Reliant Energy maintains four electrical distribution substations within the coastal zone. Only one of these is located in the County coastal zone - the 66KW distribution substation at Silver Strand Beach.

During a 1979 Notice of Intent proceeding (79-NOI-3), the County, Coastal Commission, Energy Commission, Department of Fish and Game, and (at that time) Southern California Edison Company agreed to some significant stipulations regarding the siting of new power plants in the Ormond Beach site. Briefly, these stipulations eliminate the construction of power plants from dunes, wetlands, or beach areas.

IV. Offshore Oil and Gas Development

Offshore oil and gas development occurs both in state tidelands and the federal Outer Continental Shelf (O.C.S.). Facilities in the Central Coast are used to support O.C.S. activities (Figure 4.3-7).

- A. State Tidelands** - Currently, all production from the West Montalvo offshore field is from State Tidelands, lease PRC 735. Production is accomplished from a series of directionally drilled wells from the onshore McGrath #4 Lease (Montalvo Field), seaward of Harbor Boulevard. A tidelands lease, PRC 3314, surrounds the McGrath #4 lease.
- B. Federal Outer Continental Shelf:**
 - 1. Hueneme Field - The Hueneme Unit consists of Tracts P-0202 and P-0203, which are located approximately three to five miles southwest of Port Hueneme. There are two offshore oil platforms that were constructed since 1980, one of which is within this unit (Gina), while the other (Gilda) is in the Santa Clara unit. There is a small onshore treatment facility in the City of Oxnard immediately south of Reliant Energy's Mandalay Beach Generating Station. Called the "Mandalay Onshore Separation Facility," this facility sells gas to the Generating Station.
 - 2. Santa Clara Unit - There are eight OCS (Outer Continental Shelf) tracts located five miles southwest of Ventura and six miles west of Port Hueneme. Platform Grace was installed on OCS Tract P-0217.

V. Other Facilities:

- A. Refineries** - There are two operating refineries and one inactive refinery in the County. None are located within the coastal zone, but all are important to coastal zone planning. One, the Oxnard Refinery, is in the Central Coastal Area. The small Oxnard refinery is adjacent to Fifth Street in an unincorporated area, just east of the City of Oxnard. Feed stock for the refinery comes primarily from the Oxnard and West Montalvo fields. It has a capacity of approximately 2,500 B/D with an existing throughput of approximately 1,500 B/D.
- B. Marine Terminals and Storage Tanks** - The Ventura Marine Terminal, which is idle, is located on land just south of the Ventura Marina. The property is now annexed to the City of San Buenaventura. There is a transit storage tank site adjoining the Marine Terminal on the south.
- C. Oil Field Waste Disposal Sites** - This type of use is termed a "soil amendment activity" in the County's Non-coastal Zoning Code, and is allowed in several zoning categories including Open Space by Conditional Use Permit in the non-coastal areas of the County. There are two sites in the Central Coast that formerly handled oil field wastes. They are located at the northeast corner of Fifth Street and Harbor Boulevard. The sites closed operations in 1980.

Energy and Industrial Facilities Goal 1

To allow the continued exploration and production of oil and gas in most of the Central Coast sub-area while meeting Coastal Act and County objectives, and maintaining environmental quality.

Policies

1. All land between Harbor Boulevard and the shoreline; or land designated "Residential," "Recreational," or shown as "Environmentally Sensitive Habitat" will be considered as unacceptable for new energy and industrial facilities of any kind. Preexisting facilities and oil/gas/communication pipelines, and repair of such will be considered acceptable.
2. Within the land area between Harbor Boulevard and the landward coastal zone boundary, oil drilling and directly related facilities are permitted by Conditional Use Permit consistent with Section 30260 of the Coastal Act. No new major facilities, which require a "Coastal Industrial" (C-M) zone will be permitted unless located in an area designated "Industrial."
3. All surface activities, including those regulated by the Division of Oil, Gas and Geothermal Resources related to the development of onshore oil and gas resources in the coastal zone are considered to be projects that require a Conditional Use Permit (CUP) and a Coastal Development Permit. Both permits will be issued simultaneously through one CUP process. See the Coastal Zoning Ordinance (including, but not limited to Section 8175-8.7) for a list of standard oil development design and operational criteria applied to all new permits for expanded or new oil activities. Additional conditions may be required depending on the specific request and location.
4. A Development Plan shall accompany the application for a CUP for those activities stated in Policy 3 above, and shall include:
 - a. The location of drilling and/or production sites, storage tanks, pipelines and access roads.
 - b. Plans for the consolidation, to the maximum extent feasible, of drilling and/or production facilities, as well as accessory facilities.
 - c. A phasing plan for the staging of development that indicates the approximate anticipated timetable for project installation, completion and decommissioning.
 - d. A plan for eliminating or substantially mitigating adverse impacts on habitat areas, prime agricultural lands, recreational areas, scenic resources and archaeological sites due to siting, construction, or operation of facilities.
 - e. Grading plans for all facilities requiring the movement of greater than 50 cubic yards of dirt. For any development requiring a grading permit, either (1) a Storm Water Pollution Control Plan (SWPCP) shall be prepared and submitted in accordance with the Ventura County Municipal Storm Water Permit, Order No. 00-108, Part 4 - Special Provisions, D. Programs for Construction Sites, or (2) a Stormwater Pollution Prevention Plan (SWPPP) shall be prepared and submitted

in accordance with the State General Permit for Stormwater Discharges Associated with Construction Activity, whichever is applicable.

- f. A description of means by which all oil and gas will be transported off-site to a marketing point. Pursuant to Policy 7 below, transshipment of crude oil and gas shall be through on-shore pipeline.
 - g. A description of the procedures for the transport and disposal of all solid and liquid wastes.
 - h. Oil spill prevention and control measures.
 - i. Fire prevention procedures.
 - j. Emission control equipment.
 - k. Procedures for the abandonment and restoration of the site, including a timeline, and clarification as to whether or not the abandonment will be in place or the infrastructure will be removed.
 - l. Compliance with any other requirement of the Ventura County Zoning Ordinance for the Coastal Zone related to oil and gas development.
 - m. All facilities supporting oil and gas development must comply with the terms and requirements of the State General Industrial Activities Storm Water Permit, including the development and submittal of a Storm Water Pollution Prevention Plan.
5. All energy and industrial facilities in the Plan shall be so sited and designed to eliminate or reduce, to the maximum extent feasible, impacts to biological, geological, archaeological, agricultural, visual and recreational resources.
 6. All future offshore oil and gas production coming on-shore in the Central Coast Area shall utilize existing facilities whenever economically and technically feasible.
 7. Transshipment of crude oil through an onshore pipeline for refining shall be a condition of approval for expansion of existing processing facilities or construction of new facilities.
 8. When feasible, pipelines shall be routed to avoid important coastal resources, including recreation, environmentally sensitive habitats and archaeological areas. Unavoidable routing through recreation, habitat, or archaeological areas, or other areas of a significant coastal resource value, shall be done in a manner that minimizes the impacts of a spill, should it occur, by considering spill volumes, duration, and projected path. Where new liquid pipeline segments pass through sensitive resource areas, recreation areas or archaeological areas, the segment shall be isolated, in the case of a break, by automatic shutoff valves.
 9. The County shall determine whether spacing of automatic shutoff valves at intervals less than the maximum set by the U.S. Department of Transportation - Office of Pipeline Safety (DOT-OPS), or the California State Fire Marshall is required to protect sensitive coastal resources, and if so, shall require spacing at intervals which provide appropriate protection.

10. In sensitive resource areas the extent of construction and ground surface disturbance shall be reduced to a minimum by restricting construction activities and equipment within narrow, limited and staked work corridors and storage areas.
11. All offshore to onshore pipelines shall, where feasible, be located at existing pipeline landfall sites, and shall be buried from a point offshore commencing where wave action first causes significant bottom disturbance. In addition, landfall sites are prohibited from areas designated as "Residential" or shown as "Environmentally Sensitive Habitat."
12. Except for pipelines exempted from coastal development permits under Section 30610 of the Coastal Act, as defined by the State Coastal Commission's Interpretive Guidelines, a survey shall be conducted along the route of any pipeline in the coastal zone to determine what, if any, coastal resources may be impacted by construction and operation of a pipeline and any feasible mitigation measures. The costs of this survey shall be borne by the applicant. This survey may be conducted as part of an environmental review if an Environmental Impact Report or Mitigated Negative Declaration is required for a particular project.
13. Owners/operators shall notify both the County of Ventura Planning Division and any other designated affected State agencies (e.g. DOGGR, CSFM, SLC, LARWQCB) of any intent to decommission and/or remove any pipelines and/or facilities. Upon completion of pipeline construction or removal of pipelines and/or facilities, the site shall be restored to the approximate previous grade and condition. Upon removal or decommissioning of pipelines and/or facilities, an assessment of the surrounding soils shall be conducted by a qualified licensed expert, e.g. a licensed geologist or registered professional civil engineer, to determine whether or not those soils are contaminated. If the soils are found to be contaminated, a soil remediation plan delineating the method and timing of remediation shall be prepared and submitted to the County Planning Division and the Los Angeles Regional Water Quality Control Board for their review and approval. All excavated materials shall be replaced in reverse order with topsoil replaced at grade level and compacted if necessary. All sites previously covered with native vegetation shall be re-seeded with the same or recovered with the previously removed vegetation materials and shall include other measures as deemed necessary to prevent erosion until the vegetation can become established.
14. Geologic investigations shall be performed by a qualified geologist or engineering geologist where a proposed petroleum pipeline route crosses potential fault zones, seismically active areas, or moderately high to high-risk landslide areas. This report shall investigate the potential risk and recommend such mitigation measures as pipeline route changes and/or engineering measures to help assure the integrity of the pipeline and minimize erosion, geologic instability, and substantial alterations of the natural topography. New pipeline corridors shall be consolidated with existing pipeline or electrical transmission corridors where feasible, unless there are overriding technical constraints or significant social, aesthetic, environmental, or economic concerns.

15. Transmission lines rights-of-way shall be routed to minimize impacts on the viewshed in the coastal zone, especially in scenic rural areas, and to avoid locations which are on or near habitat, recreational, or archaeological resources, whenever feasible. Scarring, grading, or other vegetative removal shall be repaired, and the affected areas re-vegetated with plants similar to those in the area to the extent safety and economic considerations allow.
16. In important scenic areas, where above-ground transmission line placement would unavoidably affect views, undergrounding shall be required where it is technically and economically feasible unless it can be shown that other alternatives are less environmentally damaging. When above-ground facilities are necessary, design and color of the support towers shall be compatible with the surroundings to the extent safety and economic considerations allow.
17. Pursuant to section 307(f) of the Coastal Zone Management Act of 1972 (16 USC § 1456(f)), the adopted Ventura County Air Quality Management Plan shall be used as a criterion in determining consistency of federal actions on the Outer Continental Shelf (OCS) with the California Coastal Management Program (CCMP). Pursuant to Section 328 of the Federal Clean Air Act (42 USC § 7627, all activities on the OCS must comply with the Outer Continental Shelf Air Regulations as specified in 40 CFR Part 55.
18. As land becomes available, permanent service bases shall be encouraged to locate at the Port of Hueneme where similar uses are located and adequate harbor facilities are available.
19. Should crude oil pipelines need to be enlarged in the future, or a new pipeline installed, the route shall follow existing pipeline corridors, if feasible.
20. Upon decommissioning of off-shore facilities that contain on-shore facilities and/or pipelines (or “components”), a phasing plan shall be submitted delineating the timeline for disposition of the on-shore facilities.
21. Coastal Act sections 30101, 30101.3, 30255, and 30260, will be used as the criteria by the County to determine, on a case-by-case basis, whether onshore or offshore oil and gas development and an energy-related industrial facility supporting such development is defined as “coastal-dependent development” or “coastal-related development”, based on the specific geographic, technological, and economic characteristics of the project being proposed.

4.4 THE SOUTH COAST

4.4.6 Energy and Industrial Facilities

No energy or industrial facilities are located on the South Coast or within the inland areas of the Santa Monica Mountains at this time. It is unlikely any facilities will locate anywhere within the Santa Monica Mountains given their status as a National Recreation Area (NRA). The federal government is developing a management plan for the entire NRA.

Energy and Industrial Facilities Goal 1

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Policies

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2. Within the land area between State Highway 1 and the landward coastal zone boundary, oil drilling and directly related facilities are permitted by Conditional Use Permit consistent with Section 30260 of the Coastal Act. No new major facilities which require a "Coastal Industrial" (C-M) zone will be permitted unless located in an area designated "Industrial".
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- f. A description of means by which all oil and gas will be transported off-site to a marketing point. Pursuant to Policy 6, transshipment of crude oil and gas shall be through on-shore pipeline.
 - g. A description of the procedures for the transport and disposal of all solid and liquid wastes.
 - h. Oil spill prevention and control measures.
 - i. Fire prevention procedures.
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 - k. Procedures for the abandonment and restoration of the site, including a timeline, and clarification as to whether or not the abandonment will be in place or the infrastructure will be removed.
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5. All energy and industrial facilities in the Plan shall be so sited and designed to eliminate or reduce, to the maximum extent feasible, impacts to biological, geological, archaeological, agricultural, visual and recreational resources.
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 8. The County shall determine whether spacing of automatic shutoff valves at intervals less than the maximum set by the U.S. Department of Transportation - Office of Pipeline Safety (DOT-OPS), or the California State Fire Marshall is required to protect sensitive coastal resources, and if so, shall require spacing at intervals which provide appropriate protection.
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action first causes significant bottom disturbance. In addition, landfall sites shall be prohibited from areas designated as "Residential" or shown as "Environmentally Sensitive Habitat."

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