MINUTE ITEM

This Calendar Item No. 42 was approved as Minute Item No. 42 by the State Lands Commission by a vote of 3 to 0 at its 6/21/84 meeting.

CALENDAR ITEM

A 58

S 31

42

06/21/84
W 40031.1
PRC 425.1
Gonzalez

APPROVAL OF APPLICATION FOR INSTALLATION OF TWO 16-INCH DIAMETER PRODUCTION PIPELINES FROM PLATFORM EMMY TO SHORE FACILITIES AT HUNTINGTON BEACH, ORANGE COUNTY

APPLICANT: Aminoil USA, Lessee
P. O. Box 191
Huntington Beach, California 92648
Attention: Mr. R. A. Kuehn

AREA, TYPE LAND AND LOCATION:
An 835 acres of tide and submerged lands under State Oil and Gas Lease PRC 425, Aminoil USA, Inc., lessee, which is the site of drilling and production Platform Emmy, located offshore from Huntington Beach, California.

PROJECT: Two 16-inch diameter pipelines will be installed between Platform Emmy and shore processing facilities at Huntington Beach, to carry gas, oil and water produced from wells bottomed in State Leases PRC 425, 426 and E-392. The lines will be placed in a new corridor, other than the existing pipeline easement, in order for the landfall location of the pipelines to be adjacent to a vacant onshore staging area not currently occupied by plant facilities (See Exhibit "B").

BACKGROUND: Oil production from wells from Platform Emmy is declining at an average rate of 12 percent per year. Increased water is being produced from these wells as a result of the normal water/oil ratio increase plus pumping of additional water injected into the formations to enhance the oil recovery. Aminoil's existing 14-inch diameter production pipeline has recently been reduced

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to eight inches diameter by insertion of a liner to reduce pressure stresses in worn sections of this pipe It is necessary to increase pipeline capacity to carry the produced fluids to shore so as to maintain current levels of oil production from these State leases.

OTHER PERTINENT INFORMATION:

1. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (14 Cal. Adm. Code 15025), the staff has prepared and circulated for public review a Proposed Negative Declaration identified as EIR ND 361, State Clearinghouse 83040803 pursuant to the provisions of the CEQA.

   Based upon the Initial Study, the Proposed Negative Declaration, and the comments received in response thereto, there is no substantial evidence that the project will have a significant effect on the environment (14 Cal. Adm. Code 15c.1(b)).

2. This activity involves lands identified as possessing significant environmental values pursuant to P.R.C. 6370, et seq.

   Based upon the staff's consultation with the persons nominating such lands and through the CEQA review process, it is the staff's opinion that the project, as proposed, is consistent with their use classification.

3. In accordance with P.R.C. Section 6818, the Application was submitted to the Director of Parks and Recreation who has determined that the project will not interfere with recreational use of the littoral lands. Also in accordance with P.R.C.

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Section 6818, the Application was submitted to the Attorney General who has determined that the project complies with the applicable provisions of law and the Rules and Regulations of the Commission.

STATUTORY REFERENCES:

Paragraph 19, Lease PRC 425, dated February 10, 1950. PRC, Div. 6; Pts. I & II; PRC, Div. 13.

AB 884: 07/05/84.

EXHIBITS:
A. Lease area.
B. Pipeline route.
C. Negative Declaration, EIR ND 361.

IT IS RECOMMENDED THAT THE COMMISSION:

1. CERTIFY THAT A NEGATIVE DECLARATION, EIR ND 361, STATE CLEARINGHOUSE 83040803, WAS PREPARED FOR THIS PROJECT PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.

2. DETERMINE THAT THE PROJECT, AS PROPOSED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.

3. FIND THAT THIS ACTIVITY WILL INVOLVE LANDS IDENTIFIED AS POSSESSING SIGNIFICANT ENVIRONMENTAL VALUES PURSUANT TO P.R.C. 6370, ET SEQ. BUT THAT SUCH ACTIVITY WILL HAVE NO DIRECT OR INDIRECT EFFECT ON SUCH LANDS.

4. APPROVE THE APPLICATION BY AMINOIL, USA TO INSTALL TWO 16-INCH DIAMETER PIPELINES FROM PLATFORM EMMY TO ONSHORE PROCESSING FACILITIES AT HUNTINGTON BEACH SUBJECT TO ENGINEERING APPROVAL BY THE STAFF OF THE STATE LANDS COMMISSION.

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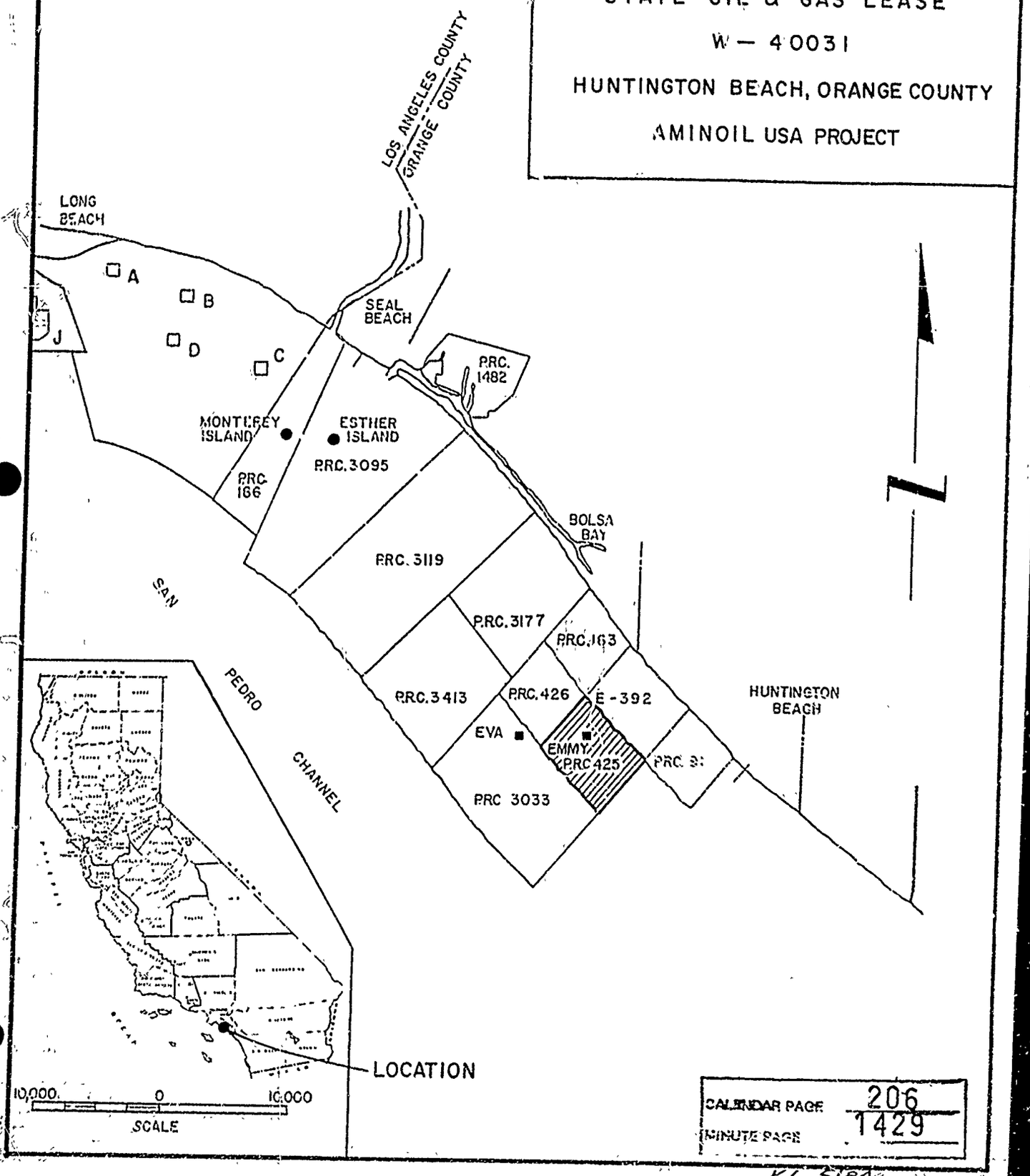
EXHIBIT "A"

LOCATION MAP
PRC 425
STATE OIL & GAS LEASE
W — 40031
HUNTINGTON BEACH, ORANGE COUNTY
AMINOIL USA PROJECT



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KL 3134

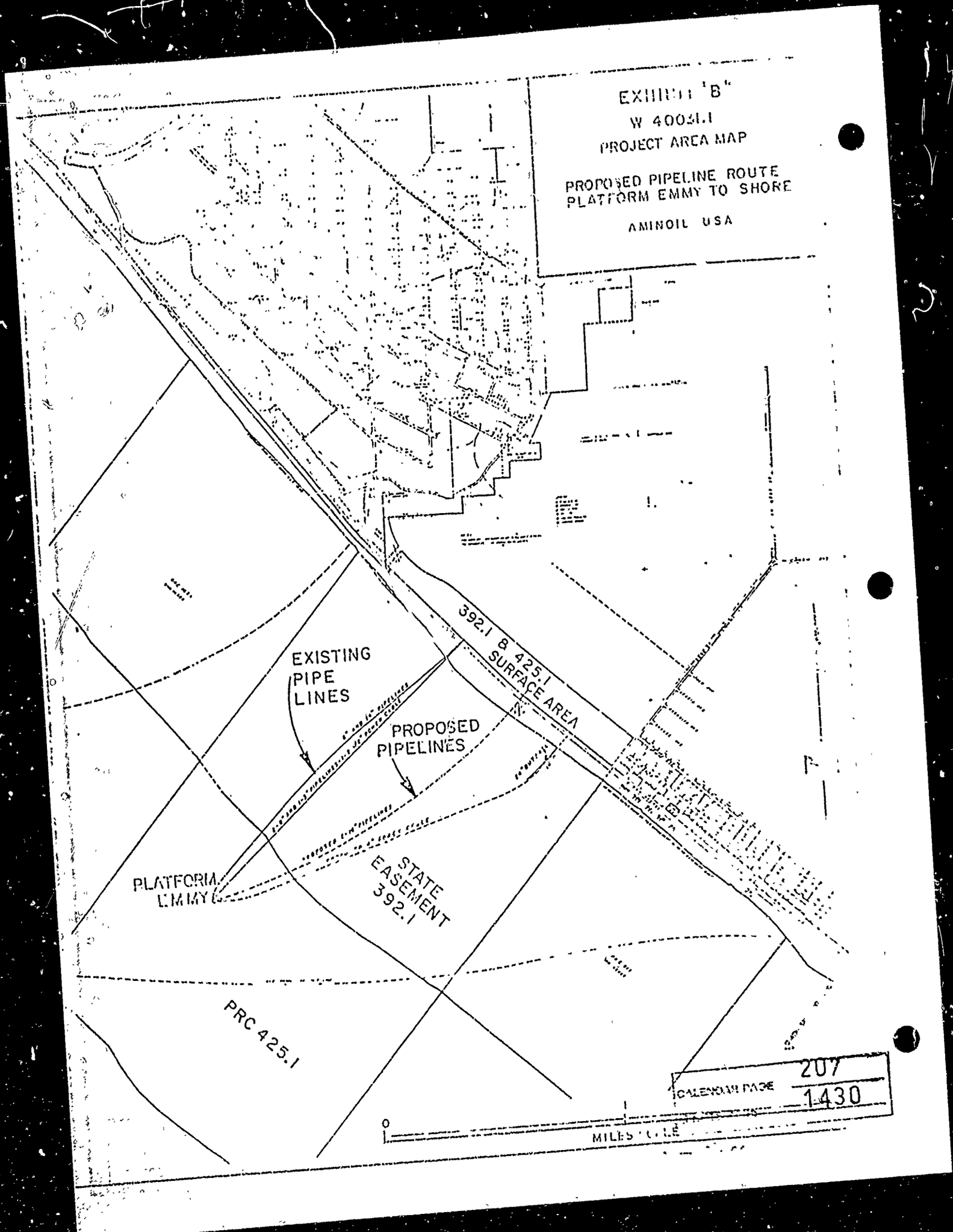
EXHIBIT 'B'
W 4003.1
PROJECT AREA MAP
PROPOSED PIPELINE ROUTE
PLATFORM EMMY TO SHORE
AMINOIL USA
392.1 & 425.1
SURFACE AREA
EXISTING
PIPE
LINES
PROPOSED
PIPELINES
PLATFORM
EMMY
STATE
EASEMENT
392.1
PRC 425.1
CALENDAR PAGE 207
1430
MILES

STATE OF CALIFORNIA
STATE LANDS COMMISSION

EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, California 95814

EXHIBIT "C"

PROPOSED NEGATIVE DECLARATION

EIR ND 361

File Ref.: W 40031.1

SCH#: 83040803

Project Title: Platform "EMMY" Production Pipelines - Huntington Beach Offshore Field

Project Proponent: Aminoil, USA

Project Location: Platform "EMMY" Located on State Oil and Gas Lease PRC 425, approximately 1.3 miles offshore from the City of Huntington Beach, Orange County.

Project Description: To install two 16-inch diameter production pipelines from Platform "EMMY" to shore processing facilities at Huntington Beach.

Contact Person: Ted T. Fukushima

Telephone: (916)322-7813

This document is prepared pursuant to the requirements of the California Environmental Quality Act(Section 21000 et seq., Public Resources Code), the State EQA Guidelines(Section 15000 et seq., Title 14, California Administrative Code), and the State Lands Commission regulations(Section 2901 et seq., Title 2, California Administrative Code).

Based upon the attached Initial Study, it has been found that:

/x/ the project will not have a significant effect on the environment.

/ / mitigation measures included in the project will avoid potentially significant effects.

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Form 13.17 (8/83)

W 40031.1

PRC 425.1

INTRODUCTION

The enclosed Initial Study, SCH 83040803, was circulated in May/June of 1983 and described an application by Aminoil USA to the State Lands Commission to conduct three distinct activities on Lease PRC 425.1: (1) modify Platform EMMY to construct additional drilling slots; (2) replace an electrical power cable from Platform EMMY to shore and (3) install two 16-inch diameter oil/water pipelines from EMMY to transport produced fluids to shore processing facilities at Huntington Beach.

Upon further consideration of the three elements of the application it has been determined that the planned structual modifications of platform EMMY involves only engineering review by the Staff of the State Lands Commission. The activity to install the 6000 KVA power cable has been found exempt from CEQA as a Categorical Exemption, Class 2, replacement/reconstruction project and was approved by the State Lands Commission on March 22, 1984. The remaining request to install two 16-inch diameter pipelines from Platform EMMY to existing shore processing facilities is the project addressed in this Negative Declaration.

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SCH #83040803

File Ref.: W 40031.1

COMMENTS RECEIVED TO INITIAL STUDY
AND RESPONSES

California Coastal Commission

1. Comment:

"Huntington Beach in its coastal portion of its land use plan requires conduction of a survey along the route of any new pipeline in the coastal zone to determine if any coastal resources will be impacted by construction and operation of the pipeline. A survey should be completed."

Response:

A shallow geohazard and cultural resource survey of the new pipeline corridor was conducted during 1983 and 1984, and has been reviewed by SLC staff engineers. A precision Fathometer, integrated sidescan sonar magnetometer high resolution profiler and digital seismic reflection system were used. No geohazard or cultural resource was identified within the pipeline corridor, nor does the corridor appear to cross any rocky outcrop.

Over the last five years, Aminoil has retained qualified marine biologists (including Dr. Norelle Davis) to conduct periodic biological surveys near Platform EMMY, and near the vicinity of proposed pipeline landfall. The marine species identified in the project area are adapted to a high energy environment and recolonization and equilibrium returns quickly to the area after a disturbance of the bottom. It is not expected that the laying or operation of the pipeline will cause any significant impacts on these organisms. The Department of Fish and Game has reviewed the proposed project through the initial study process and has expressed no concern over the proposed corridor.

2. Comment:

"Will the lines be placed in rocky outcrop areas and will blasting be required?"

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Response:

Based on route surveys in the area (see response #1, above), it is anticipated that no rocky outcrop areas will be crossed by the new pipelines. However, should rocky outcrops be encountered these will be removed mechanically by jackhammers. This method minimizes any outcrop disturbance since no blasting is required.

3. Comment:

"When does Aminoil anticipate installing the pipeline? Why will this proposed facility not be within the existing corridors?"

Response:

Installation of the pipeline will be scheduled during the period of least public usage of the beach area and will be coordinated with the local permitting and responsible agencies. The landfall location of the new pipelines was selected because it is adjacent to the only available onshore staging area not currently occupied by an existing surface facility.

4. Comment:

"How will erosion from construction and siting be mitigated? Since the beach and coastal waters are used extensively for recreational uses year round, such as surfing, what measures will be used to ensure continued public use of the beach in the vicinity of the construction activities?"

Response:

No erosion will occur because the installation will be of short duration and all earth or rock material which is excavated will be replaced. In addition, any riprap removed from the bluff face during onshore construction will be replaced.

Prefabricated sections of pipeline will be connected and layed through the beach during a period of least recreational beach usage (see response #3, above). Beach access in the immediate vicinity of the project will be impeded for about one week if a pull barge is used or two weeks if a lay barge is used, so recreational impacts should be minimal.

5. Comment:

"Explain installation techniques that will be used to ensure that the pipeline and cable will remain buried on the beach portion of the corridor."

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Response:

The new pipelines will be installed with a minimum of two feet of sand cover at the waterline at low tide, at low sand datum as specified by and in full compliance with regulations of the U.S. Corps of Engineers. This sand cover should ensure that the pipelines remain covered.

California Department of Boating and Waterways

1. Comment:

"To what extent might the proposed project affect safe navigation in California's waterways?"

Response:

The pipeline laying activities will be governed by rules and regulations of the U. S. Coast Guard so as to minimize interference with boating and hazards to navigation. In addition, the installation activities will be restricted to area immediately around the pipelaying boat or barge and will be of brief duration.

2. Comment:

"To what extent might the proposed project affect the stability of coastal as well as inland beaches?"

Response:

The new pipelines will be installed in accordance with standards set by the U. S. Corp of Engineers with a minimum of two feet of sand cover at the waterline at low tide, at low sand datum (see response #5 above). This project, therefore, should not affect the stability of coastal or inland beaches.

3. Comment:

"To what extent might the proposed project affect existing or planned small craft harbors. launching facilities, and other boating facilities? To what extent might recreational boating activities be affected?"

Response:

There are no harbors, launching or boating facilities in the immediate area of the project. Recreational boating in the pipeline laying area will be restricted and controlled by Coast Guard regulation for the duration of the project or a maximum of two weeks. (See response #4 above).

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California Department of Parks and Recreation

1. Comment:

"We request that the plans, specifications, proposed method of installation and specific locations of the two 16 inch pipelines from shore to Platform 'EMMY' be sent to us."

Response:

Plans and specifications regarding specific locations and methods of installation of the pipelines will be provided to the Department of Parks and Recreation by the applicant.

2. Comment:

"We have no agreement on file for any easements with Aminoil, USA. Inc."

Response:

The applicant is in the process of applying to the Department for an easement for the pipelines and power cable.

3. Comment:

"Installation of new pipeline will generate support boat traffic which could interfere with commercial fishing gear, such as traps, buoys and set gill nets. The analysis should address this issue and include mitigation such as vessel traffic corridors to minimize the conflict."

Response:

State Lands Commission policy requires that the applicant notify the following parties when support boat traffic in the area of Platform "EMMY" may interfere with fishing operations:

a. Department of Fish and Game, Marine Resources Division, Long Beach, California.

b. National Marine Fisheries Service, Terminal Island, California.

c. U.S. Coast Guard, Marine Safety Division, Long Beach, California

d. Fishermen Cooperative Association of San Pedro, San Pedro, California.

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e. USC, Marine Advisory Services, Terminal Island, California.

f. General Fishermen's Service, Inc., Terminal Island, California.

g. State Fish Company, San Pedro, California.

h. Pioneer Fish Company, San Pedro, California.

i. Jankovich & Sons, San Pedro, California.

j. Hy-C-Tance Corporation, San Pedro, California.

City of Huntington Beach

1. Comment:

"The City's primary concern regarding this project pertains to the trenching of the beach for installation of a return products conduit."

Response:

See response #4, above.

County of Orange, Environmental Management Agency

1. Comment:

"The Environmental Management Agency has reviewed the proposal and has no additional comments at this time."

Response:

Comment noted, no response required.

California Department of Transportation - District 7

1. Comment:

"Caltrans will require an encroachment permit for the two new 16 inch pipelines which Aminoil proposes to install under the Pacific Coast Highway."

Response:

Aminoil will obtain all required permits before commencing this project.

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California Department of Fish and Game

1. Comment:

The California Department of Fish and Game, Long Beach office, has no comments on the Initial Study.

Response:

Comment noted, no response required.

END OF COMMENTS

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File Ref.: W 40031.1

INITIAL STUDY FOR THE INSTALLATION OF 24 ADDITIONAL DRILLING SLOTS AND ASSOCIATED PIPELINES FOR PLATFORM "EMMY", HUNTINGTON BEACH OFFSHORE FIELD, ORANGE COUNTY

Project Location

Platform "Emmy" is located on State Oil and Gas Lease PRC 425.1, approximately 1.3 miles offshore in state waters. The study area lies seaward from the City of Huntington Beach in Orange County, California. The platform was constructed and installed in 1963 for the development of the shallow oil zones which could not be reached from shore by directional drilling. The platform was originally designed to accomdate 42 wells. It was later modified to accommodate a maximum of 52 wells. In January, 1980 the platform was further modified by adding a satellite platform to accommodate a 18.5 mm BTU/hr gas-fired steam generator. Its purpose is to provide steam for a pilot test to determine if steam injection would increase, to an economic level, the production of heavy 14° API oil from the shallow "AA" zone. At the present time all 52 well slots have been used for the drilling/completion of wells. Many of these wells have been or are being redrilled to new locations as it becomes necessary to do so.

Description of the Project

Aminoil USA, Inc. plans to add to Platform "Emmy" up to 24 more drilling well slots and conductors. At least 20 are needed for further development drilling into the Upper Main Zone to avoid the difficult and expensive directional drilling from onshore. The 24 conductors, to be installed under the existing platform, will be free-standing and structurally independent from the platform. They will be grouped in two sets each of three, four, and five conductors braced together.

The initial installation of twelve conductors is anticipated to begin in the third quarter of 1983. The installation of the second set of 12 conductors is scheduled to begin in the last quarter of 1984. Soon after installation, Aminoil will begin to drill wells into the Upper Main Zone, which is at an intermediate depth below the "AA" Zone. Primary production from each well is anticipated to be in the order of 250,000 to 350,000 barrels of oil, over a period of approximately twenty to thirty years. Production from the first of these wells will commence in late 1983 or early 1984. The entire project should be completed by the last quarter of 1984.

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This construction project will have minimal interference with ongoing platform operations and navigation in the area since the proposed conductors will be totally contained within the perimeter of the existing platform. All oil, gas, and water will be transported by pipelines to shore for processing. A power feeder cable from shore will supply all power to the platform on a permanent basis. This will require the installation of two new 16 inch pipelines and one 6000 KVA power cable to Platform "Emmy" from shore. These lines will be laid south of the existing pipelines and power cable. Two 30 inch bores will be made under Pacific Coast Highway (PCH) to accommodate the 16 inch lines, and will be located approximately 1500' southeasterly of the existing pipelines. The land-fall site was selected to avoid obstacles presented by existing onshore wells and facilities, and to provide direct access to a vacant area to be used for construction staging. Boring operations will not cause any traffic disruption. An existing 16 inch outfall line will be used as a conduit for the power feeder under the highway and through the beach to a point beyond the surf line. The new power cable will replace the old cable which has deteriorated. The new power cable will supply power to the main platform as well as serve as a power source for operations on the additional wells. The two new 16 inch lines will be pre-assembled on shore in sections and pushed through the PCH bores. A trench will be dug in the beach area between the bluffs and the waterline to provide necessary cover for lines after installation. After the attachment of a pulling sled to the lines, they will be pulled into location by a winch barge. As an alternative, depending on the availability of marine equipment on the West Coast, a pipeline laying barge could be used for the installation of the pipelines.

The drilling of the additional wells will be done using the same drilling rig as is currently in use (ie, the level of drilling activity which has been going on for the past 6 years will be unchanged). Accessory piping on the platform and onshore will consist of modifications and/or additions to existing facilities.

Access to the platform will be by helicopter or crew boat. Fifteen to twenty additional employees per shift will be required during construction. Work will be conducted on a 24 hour per day basis, seven days per week, utilizing two shifts. Existing facilities on Platform "Emmy" will be utilized to accommodate these additional employees. Derrick barges locally based will be used for installing the 24 additional well slots and conductors.

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The wells will be drilled by running directional surveys using MWD (Measurement While Drilling) tools. This will allow Aminoil to monitor continuously the well course and bore location. In addition, all potential existing interference wells will be surveyed using the most advanced survey tools available. Used drilling mud and drill cuttings will be disposed of pursuant to existing State NPDES Permit Number 79-176.

Gross and net oil production will be tested and monitored using existing AWT (Automatic Well Testing) equipment on Platform "Emmy". All production will be shipped through the 16 inch production line for oil/water separation on shore.

Aminoil will obtain all required permits before initiating this project.

Present Environmental Setting

The detailed discussion of the present environmental setting is contained in the Environmental Impact Report prepared by the State Lands Commission in December, 1976.

The area under study lies seaward of the City of Huntington Beach in Orange County, California. The project area on State Oil and Gas Lease PRC 425.1, is under lease to Aminoil, USA Inc. Other state oil and gas leases in the area include Easement 392, PRC 91, PRC 163 and PRC 426. Uplands sites have been used as a surface location for most of the offshore development wells. The uplands property consists of two adjacent parcels, one in the City of Huntington Beach and one in the County of Orange, both of which are on the inland side of the Pacific Coast Highway. (See Exhibit "A".)

Platform "Emmy" was constructed and installed in 1963 for the development of the shallow oil zones which could not be reached by directional drilling from onshore locations. The platform was initially designed to accommodate 42 wells and was later modified for a total of 52 wells. At present, all 52 well slots are in use.

The increase in the number of well slots on Platform "Emmy" will, to a minor degree, increase logistic activity to and from the platform, however, the configuration of the platform as seen from shore will not be changed. The addition of the pipelines will also have little impact on the present environmental setting.

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STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 13.20 (7/82)

File Ref.: W 40031.1
SCH#83040803

I. BACKGROUND INFORMATION

A. Applicant: Aminoil, USA, Inc.
Attn: Robert Kuehn, Manager, Project Planning & Permitting
P. O. Box 88
Huntington Beach, CA 92648

B. Checklist Date: 3 / 30 / 83

C. Contact Person: James Tanner
Telephone: (213) 590-5201

D. Purpose: Increase oil and gas production from Platform "EMMY" on State Oil and Gas Lease PRC 425

E. Location: Offshore State Oil and Gas Lease PRC 425, Huntington Beach, Orange County

F. Description: Modification of Platform "EMMY" to add 24 additional drilling slots, two 16 inch pipelines, and a power cable.

G. Persons Contacted: Robert Kuehn, Aminoil USA, Inc., Diane Border, Department of Developmental Services, City of Huntington Beach, George Feliz, Environmental Analysis Division, Environmental Management Agency, County of Orange.

II. ENVIRONMENTAL IMPACTS. *(Explain all "yes" and "maybe" answers)*

A. *Earth.* Will the proposal result in:	Yes	Maybe	No
1. Unstable earth conditions or changes in geologic substructures?	☐	☐	☒
2. Disruptions, displacements, compaction, or overcovering of the soil?	☐	☐	☒
3. Change in topography or ground surface relief features?	☐	☐	☒
4. The destruction, covering, or modification of any unique geologic or physical features?	☐	☐	☒
5. Any increase in wind or water erosion of soils, either on or off the site?	☐	☐	☒
6. Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet, or lake?	☐	☐	☒
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	☐	☐	☒

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	Yes	Maybe	No
B. *Air.* Will the proposal result in:			
1. Substantial air emmissions or deterioration of ambient air quality?	☐	☐	☒
2. The creation of objectionable odors?	☐	☐	☒
3. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?	☐	☐	☒
C. *Water.* Will the proposal result in:			
1. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters?	☐	☐	☒
2. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?	☐	☐	☒
3. Alterations to the course or flow of flood waters?	☐	☐	☒
4. Change in the amount of surface water in any water body?	☐	☐	☒
5. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?	☒	☐	☐
6. Alteration of the direction or rate of flow of ground waters?	☐	☐	☒
7. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?	☐	☐	☒
8. Substantial reduction in the amount of water otherwise available for public water supplies?	☐	☐	☒
9. Exposure of people or property to water-related hazard, such as flooding or tidal waves?	☐	☐	☒
10. Significant changes in the temperature, flow or chemical content of surface thermal springs?	☐	☐	☒
D. *Plant Life.* Will the proposal result in:			
1. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants)?	☐	☐	☒
2. Reduction of the numbers of any unique, rare or endangered species of plants?	☐	☐	☒
3. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?	☐	☐	☒
4. Reduction in acreage of any agricultural crop?	☐	☐	☒
E. *Animal Life.* Will the proposal result in:			
1. Change in the diversity of species, or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms, or insects)?	☐	☐	☒
2. Reduction of the numbers of any unique, rare or endangered species of animals?	☐	☐	☒
3. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?	☐	☐	☒
4. Deterioration to existing fish or wildlife habitat?	☐	☐	☒
F. *Noise.* Will the proposal result in:			
1. Increase in existing noise levels?	☒	☐	☐
2. Exposure of people to severe noise levels?	☐	☐	☒
G. *Light and Glare.* Will the proposal result in:			
1. The production of new light or glare?	☐	☐	☒
H. *Land Use.* Will the proposal result in:			
1. A substantial alteration of the present or planned land use of an area?	☐	☐	☒
I. *Natural Resources.* Will the proposal result in:			
1. Increase in the rate of use of any natural resources?	☒	☐	☐
2. Substantial depletion of any nonrenewable resources?	☒	☐	☐

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J. *Risk of Upset.* Does the proposal result in:

	Yes	Maybe	No
1. A risk of an explosion or the release of hazardous substances (including, but not limited to, oil, pesticides, chemicals, or radiation) in the event of an accident or upset conditions?	☐	☐	☒
2. Possible interference with emergency response plan or an emergency evacuation plan?	☐	☐	☒
K. *Population.* Will the proposal result in:			
1. The alteration, distribution, density, or growth rate of the human population of the area?	☐	☐	☒
L. *Housing.* Will the proposal result in:			
1. Affecting existing housing, or create a demand for additional housing?	☐	☐	☒
M. *Transportation/Circulation.* Will the proposal result in:			
1. Generation of substantial additional vehicular movement?	☒	☐	☐
2. Affecting existing parking facilities, or create a demand for new parking?	☐	☐	☒
3. Substantial impact upon existing transportation systems?	☐	☐	☒
4. Alterations to present patterns of circulation or movement of people and/or goods?	☐	☐	☒
5. Alterations to waterborne, rail, or air traffic?	☐	☐	☒
6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians?	☐	☐	☒
N. *Public Services.* Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:			
1. Fire protection?	☐	☐	☒
2. Police protection?	☐	☐	☒
3. Schools?	☐	☐	☒
4. Parks and other recreational facilities?	☐	☐	☒
5. Maintenance of public facilities, including roads?	☐	☐	☒
6. Other governmental services?	☐	☐	☒
O. *Energy.* Will the proposal result in:			
1. Use of substantial amounts of fuel or energy?	☐	☐	☒
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?	☐	☐	☒
P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities:			
1. Power or natural gas?	☒	☐	☐
2. Communication systems?	☐	☐	☒
3. Water?	☐	☐	☒
4. Sewer or septic tanks?	☐	☐	☒
5. Storm water drainage?	☐	☐	☒
6. Solid waste and disposal?	☐	☐	☒
Q. *Human Health.* Will the proposal result in:			
1. Creation of any health hazard or potential health hazard (excluding mental health)?	☐	☐	☒
2. Exposure of people to potential health hazards?	☐	☐	☒
R. *Aesthetics.* Will the proposal result in:			
1. The obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view?	☐	☐	☒
S. *Recreation.* Will the proposal result in:			
1. An impact upon the quality or quantity of existing recreational opportunities?	☐	☐	☒

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T. *Cultural Resources.*

	Yes	Maybe	No
1. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archeological site?	☐	☐	X
2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object?	☐	☐	X
3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?	☐	☐	X
4. Will the proposal restrict existing religious or sacred uses within the potential impact area?	☐	☐	X

U. *Mandatory Findings of Significance.*

1. Does the project have the potential to degrade the quality of the environment, reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☐	X
2. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?	☐	☐	X
3. Does the project have impacts which are individually limited, but cumulatively considerable?	☐	☐	X
4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	X

III. DISCUSSION OF ENVIRONMENTAL EVALUATION *(See Comments Attached)*

IV. PRELIMINARY DETERMINATION

On the basis of this initial evaluation:

☒ I find the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☐ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A NEGATIVE DECLARATION will be prepared.

☐ I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

Date: 4/20/84

For the State Lands Commission

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Form 13.20

Section III: Discussion of Environmental Evaluation

1. Water (II.C.5.)

   Used drilling mud and oil-free drill cuttings will be disposed of pursuant to existing State NPDES Permit Number 79.176.

2. Noise Levels (II.F.1)

   There will be a temporary increase in noise levels during the construction phase of this project. At the completion of this phase, noise levels should return to normal.

3. Natural Resources (II.I.1,2)

   The project will result in an increase in the use of fuel during the construction phase. Once construction is completed, the project will result in an increase in oil and gas production from existing state oil and gas leases.

4. Transportation/Circulation (II.M.1)

   The construction phase of the project will require 15-20 additional employees per shift. These employees will be transported to and from Platform "Emmy" by helicopter or crew boat. In addition, derrick barges based locally will be used to install the 24 additional well slots and conductors.

5. Utilities (II.P.1)

   As part of this project a new power cable will be installed from shore to the platform. An existing 16 inch outfall line will be used as a conduit for the power feeder under the highway and through the beach to a point beyond the surf line. This power cable will be used to supply power to the platform on a permanent basis.

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