

MINUTE ITEM

This Calendar Item No. 30
was approved as Minute Item
No. 30 by the State Lands
Commission by a vote of 3
0 at its 3/24/83
meeting.

MINUTE ITEM
30

3/24/83
W 40161
Hamilton

AUTHORIZATION TO
OFFER OIL AND GAS LEASE OF
STATE SCHOOL LANDS IN
VENTURA COUNTY

Chief Counsel Robert Hight noted for the record an objection by the County of Ventura regarding the County's concerns with an Negative Declaration prepared two years ago. The Commission was assured that staff had adequately complied with environmental regulations, and that since this action is only the authorization to bid, any further development would require a full-phrase EIR, at which time the County would have the opportunity to present its comments.

The objection so noted, Calendar Item 30 was approved as presented by a vote of 3-0.

Attachment:
Calendar Item 30.

CALENDAR ITEM

30 4

3/24/83
W 40161
Hamilton

AUTHORIZATION TO
OFFER OIL AND GAS LEASE OF
STATE SCHOOL LANDS IN
VENTURA COUNTY

NOMINATOR: Harold Ladd Pierce
1302 Rossmoor, Tower 1
Laguna Hills, California 92653

AREA, TYPE LAND AND LOCATION:
A parcel of patented State school lands,
100 percent mineral reservation to the
State, located in Ventura County described
as follows:

N $\frac{1}{2}$ of S $\frac{1}{2}$ or Lots 9, 10, 11 and 12
of Section 16, T4N, R20W, SBBM;
containing approximately 153 acres.

SUMMARY:

Mr. Harold Ladd Pierce, surface owner of
the subject parcel of school land, has
requested that the Commission offer by
competitive bid the State's mineral interest
in the parcel of school land for oil and
gas extraction. The lease form, proposal
and notice to lease are on file in the
office of the State Lands Commission. A
sliding scale royalty rate for oil production
and a flat royalty rate of 20 percent for
gas production is proposed; there is no
oil or gas production in the general area.
The successful bidder will be the bidder
determined to be qualified by the Commission
making the highest cash bonus bid.

A 35, 37

S 18

-1-

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CALENDAR ITEM NO. 30 (CONT'D)

TERMS OF PROPOSED LEASE:

Primary term: twenty (20) years. Initial drilling period: three (3) years. Rental: one dollar (\$1) per acre per year. Performance bond: fifty thousand dollars (\$50,000). Damages to third persons and property: one million dollars (\$1,000,000) for each occurrence. Royalty on oil: sliding scale, not less than 16-2/3 percent or more than 50 percent. Royalty on gas: 20 percent.

OTHER PERTINENT INFORMATION:

A Negative Declaration was prepared by the staff of the Commission for the proposed leasing. It has been determined that the proposed leasing of the school lands for oil and gas development will not have a significant effect on the environment. Further environmental review will be required subsequent to lease award and prior to any drilling or development of the leased lands.

This project is situated on uplands which have not been nominated as possessing significant environmental values pursuant to Section 6370.1 of the P.R.C. A staff review of available environmental information indicates no reason to identify the subject parcel as having such values at this time.

STATUTORY REFERENCES:

Sections 6852 and 6827 of the P.R.C.

AB 884: N/A.

EXHIBITS: A. Property Description.
B. Site Map.
C. Negative Declaration.

IT IS RECOMMENDED THAT THE COMMISSION:

1. CERTIFY THAT A NEGATIVE DECLARATION, EIR ND 278, HAS BEEN COMPLETED IN ACCORDANCE WITH CEQA, THE STATE CEQA GUIDELINES AND THE COMMISSION'S ADMINISTRATIVE REGULATIONS, AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED PRIOR TO THE APPROVAL OF THE LEASING.

CALENDAR ITEM NO. 30 (CONTD)

2. DETERMINE THAT THE LEASING WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
3. APPROVE THE FORM OF LEASE, NOTICE OF INTENTION, PROPOSAL AND BID FORM PREPARED FOR THIS LEASING.
4. OFFER THE LANDS DESCRIBED IN EXHIBIT "A" FOR OIL AND GAS EXTRACTION SUBJECT TO THE CONDITIONS IN THE FORM OF LEASE, NOTICE OF INTENTION, PROPOSAL AND BID FORM PREPARED FOR THE LEASING WHICH ARE ON FILE AT THE OFFICE OF THE STATE LANDS COMMISSION.

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IN NOTE PAGE	<u>420</u>

c2ub

W 40161

EXHIBIT "A"
PROPERTY DESCRIPTION

A parcel of California State school lands in Ventura County,
California described as follows:

Lots 9, 10, 11 and 12 of Section 26,
T4N, R20W, SBBM., containing 152.9
acres, more or less.

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MINUTE PAGE	<u>421</u>



STATE LANDS COMMISSION

KENNETH L. GRAVES, Director

M. J. TURNER, Executive Officer

M. J. TURNER, Director of Finance



EDMOND C. BROWN, Governor

EXECUTIVE OFFICE

1307 - 13th Street

Sacramento, California 95814

WILLIAM E. NORTHRUP

Executive Officer

EIR NO: 278

File Ref.: W40161
SCH # 80CS2211☒ DraftNEGATIVE DECLARATION☒ Final

Project Title: Competitive Bid Oil and Gas Lease Northwest of Fillmore

Project Location: The NW 1/4 of the SE 1/4 of Sec. 16, T4N, R20W, SBM, Ventura County containing 152.9 acres. This parcel is approximately 4 miles NW of Fillmore.

Project Description: Competitive bidding program leading to the issuance of an oil and gas lease on the above described parcel.

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

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

☐ the project will not have a significant effect on the environment.☒ the attached mitigation measures will avoid potentially significant effects.

Contact Person: Ted Fukushima
State Lands Commission
1307 13th Street
Sacramento, CA 95814
(916) 322-7813
(ATSS) 492-7813

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Responses as needed to comments on the Initial Study for File W 40161

1. Ref. Memo - Dept. of Fish and Game - August 20, 1980

The following conditions shall be met by the successful bidder in addition to those already stipulated in the Initial Study for this project:

1. Construction of drill pads should be done to cause minimal impact on any natural drainage of the area. Drill pads should be located at least 50 yards away from any natural drainage.
2. Revegetation of drill pad and access road should be done with native species found locally. Sufficient plants should be used to quickly redevelop into a natural condition for reducing erosion potential on cut and fill slopes.
3. Drilling activity onsite should prevent leakage or deposition of oily substances or waste products into nearby drainages.

The successful bidder for this project is hereby advised that alteration within the high water mark of any streambed will require notification to the Department of Fish and Game pursuant to Section 1603 of the Fish and Game Code. This notification and the subsequent agreement must be completed prior to commencement of the streambed alteration.

2. Ref. Memo - Dept. of Conservation - September 11, 1980

The future lessee of the parcel in question shall limit drill pad size to 40,000 square feet unless documented justification for a larger size and obtains prior approval from the staff of the State Lands Commission.

3. Ref. Memo - Air Resources Board - August 26, 1980

Drilling and production environmental consideration will be considered in a subsequent document (see the Following response to the Comment from Ventura County.)

4. Ref. letter from Ventura County, Resource Management Agency - August 12, 1980

Since much of the information, in addition to that already provided, requested by this respondent is speculative at the present time; the staff of the State Lands Commission concurs with the suggestion that the Initial Study and Negative Declaration relate to the bidding program only. Following the competitive bidding and the recognition of the successful bidder, a second environmental review under Section 15067 of the CEQA Guidelines will be completed by Commission staff and that bidder. This will allow for the gathering of more specific information as to drillsite locations, types of equipment, and production contingency plans.

5. Ref. letter from U.S. Geological Survey - August 14, 1980

No response needed.

6. Ref. letter from The Institute of Archaeology, U.C.L.A. - August 7, 1980

No response needed.

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MINUTE PAGE	425

Memorandum

To : D. J. Everitts, Chief
Division of Energy and Mineral Resources
State Lands Commission
100 Oceangate, Suite 300
Long Beach, CA 90802

DATE	AUG 22 1980
FILED	August 20, 1980
DJE	<input checked="" type="checkbox"/>
CFE	<input checked="" type="checkbox"/>
ADW	<input checked="" type="checkbox"/>
RGP	<input checked="" type="checkbox"/>
3PK	<input checked="" type="checkbox"/>
4TF	<input checked="" type="checkbox"/>
Enc.	
FILE:	1. U 7/1/1

From : Department of Fish and Game

Subject: Initial Study for Competitive Bid Oil and Gas Lease on a Parcel of Land
Northwest of Fillmore in Ventura County (W 40161)

We have reviewed the initial study for the subject project. We concur with this project and recommend that the following conditions be included in the Negative Declaration.

1. Construction of drill pads should be done to cause minimal impact on any natural drainage of the area. Drill pads should be located at least 50 yards away from any natural drainage.
2. Revegetation of drill pad and access road should be done with native species found locally. Sufficient plants should be used to quickly redevelop into a natural condition for reducing erosion potential on cut and fill slopes.
3. Drilling activity onsite should prevent leakage or deposition of oily substances or waste products into nearby drainages.

The project sponsor should be advised that alteration within the high water mark of any streambed will require notification to the Department of Fish and Game pursuant to Section 1603 of the Fish and Game Code. This notification and the subsequent agreement must be completed prior to commencement of the streambed alteration.

Thank you for the opportunity to review and comment on this project. If you have any questions, please contact Kris Lal or Jack L. Spruill of our Environmental Services staff at (213) 590-5137, ATSS 635-5137.

Fred A. Worthley Jr.
Fred A. Worthley Jr.
Regional Manager
Region 5

Memorandum

Mr. John Freckman
State Lands Division
100 Oceangate, Suite 300
Long Beach, California 90802

DJE	
CFE	
ADW	
RGP	Date
JTF	9/17/80 JTF
Enc.	
FILE:	W 46161

September 11, 1980

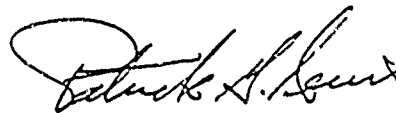
Subject: Competitive Bid on
Oil and Gas Lease -
Northeast Fillmore
SCH 80082211

From : Department of Conservation—Office of the Director

The Division of Oil and Gas of the Department of Conservation has reviewed the Initial Study for the proposed leasing project and we believe that a negative declaration is appropriate.

Impacts and potential impacts related to surface disturbance could be reduced by reducing the size of the drill site. The size of the drill sites recently permitted by Ventura County has ranged from 30,000-40,000 square feet. This is the amount of surface area which is usually needed to operate safely. It is recommended that one of the conditions of the subject oil and gas lease specify that the lessee occupy an area not to exceed 40,000 square feet unless he provides documented justification for a larger size and obtains prior approval of the State Lands Commission.

If you have any questions, please contact John Hardoin at the division's Santa Paula office. The address is 146 S. Ojai Street, P. O. Box 67, Santa Paula 93060, telephone (805) 525-2105.



Patrick G. Nevis
Environmental Program Coordinator

cc. John Hardoin
Ventura County Planning Department

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MINUTE PAGE	427

Memorandum

D. J. Everitts, Chief
Division of Energy and Mineral Resources
State Lands Commission
100 Ocean Gate, Suite 300
Long Beach, CA 90802

Date : August 26, 1980

Subject: Initial Study for
Competitive Bid Oil and Gas
Lease on Land Northwest of
Fillmore in Ventura County
File W40161)

From : Air Resources Board
Ronald A. Friesen, Chief
Project Evaluation Branch

DATE	SEP 8 1980
1	DJE ✓
	CFE
2	ADW ✓
	RGP
3	RA 1.12
4	JTF 9/16/80 JTF
Enc.	
FILE:	W40161

Introduction

We have reviewed the initial study prepared by your office for competitive bid oil and gas lease on land northwest of Fillmore in Ventura County. The purpose of the lease is to explore potential recoverable oil and gas, and to produce these resources when commercially significant reserves are found.

Comments

The initial study has discussed and quantified atmospheric emissions during the oil and gas exploration phase. However, the study did not discuss atmospheric emissions of the production phase. We recommend that production phase emissions also be estimated in light of the fact that production will commence when significant oil and gas reserves are found.

If you have any questions, please call David Chan at (916) 322-6017.

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NOTE PAGE	428

SOURCE MANAGEMENT AGENCY
County of Ventura

Victor R. Husbands
Agency Director

August 12, 1980

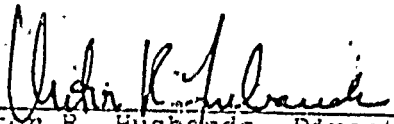
P. J. Everitts
State Lands Commission
100 Oceangate, Suite 300
Long Beach, CA 90802

Dear Mr. Everitts:

Subject: Ventura County Comments on Initial Study for
Nomination for Competitive Oil and Gas Leasing
Bid (Refer to File W40161)

The above referenced environmental document has been reviewed by appropriate Ventura County Agencies. Specific reviewing Agency comments are attached. Please respond to the comments as required by the California Environmental Quality Act. All responses should be addressed to the commenting agency with a copy to the Subdivision and Environmental Review Section, Resource Management Agency.

RESOURCE MANAGEMENT AGENCY


Victor R. Husbands, Director
Resource Management Agency

VRH:1

DATE	AUG 26 1980
1	DJE
	CPE
2	ADW
	RGP
3	RK
4	JTF
Enc	X
FILE:	W40161

I agree

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MINUTE PAGE	429

County of Ventura
RESOURCE MANAGEMENT AGENCY

MEMORANDUM

To: Victor Husband

Date: August 21, 1980

From: Dennis Davis
Subject: State Lands Commission Initial Study of
Proposed Oil/Gas Lease on San Cayetano Mtn.

Reference No.: _____

Based on the attached initial Study, the State Lands Commission proposes to issue a Negative Declaration (ND) for a proposed oil/gas leasing bid program. The Planning Division has the following comments on the Initial Study:

- (1) Zoning, Required Permits - The subject parcel is zoned "R-A-5Ac" (Rural Agricultural, 5 Acres Minimum) rather than "A-E" (Agricultural Exclusive) as indicated in the Initial Study. Oil/gas exploration under the "R-A" zone requires a Conditional Use Permit (CUP), among others. As a CUP is a discretionary permit, it will fall under CEQA. Thus the County is a Responsible Agency under the CEQA Guidelines.
- (2) Decision to Issue a Negative Declaration - The Initial Study Checklist for the project indicates that a Negative Declaration is proposed for the bid program as well as for the exploratory and commercial drilling phases. While the Planning Division concurs with the use of a Negative Declaration for the bid program, we will require significantly more environmental information for the drilling phases. If the environmental document for the entire project is to be prepared at this time, the Planning Division will require the following information:

EXPLORATORY PHASE

- (a) Exact numbers and locations of wells
- (b) Specific routes of access roads
- (c) Noise impacts to homes and other uses adjacent to the site and to roads servicing the project
- (d) Numbers and types of trucks serving the project as well as their frequency
- (e) Further details on the erosion potential of soils at the well site(s) and adjacent to access road

COMMERCIAL PHASE

- (a) Likely and "worst case" number of wells, tanks and auxiliary buildings and their locations
- (b) Number, routes and frequency of trucks hauling the production oil
- (c) Visual impacts of site as viewed from the valley
- (d) How any natural gas found at the site will be handled

As much of the above information is very speculative at this point, we suggest an alternative option: We would support an Initial Study and Negative Declaration for the bid program only, to be followed later by

a new environmental analysis of the drilling phases once the successful bidder files for a CUP with this Division. This second environmental review could come under Section 15067 (Subsequent EIR) of the CEQA Guidelines. Lacking such a limited Negative Declaration on the above information, we request that an EIR be prepared for all phases of the project. If there are any questions on this issue please contact Mr. Scott L. Ellison at (805) 654-2414.

MESS. 723

Bob Langford

DD:bn

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RESOURCE MANAGEMENT AGENCY/APCD

MEMORANDUM

To: Scott Ellison, Planning

Date: 8/13/80

From: Janet Lyder, APCD

Reference No.: _____

Subject: Proposed State Oil and Gas Lease, San Cayetano Mountain

APCD staff has reviewed the initial study for the subject project and recommends that the following conditions be attached as conditions to the permit:

1. That facilities shall be constructed and operated in accordance with the Rules and Regulations of the Ventura County Air Pollution Control District. An Authority to Construct shall be obtained for all equipment subject to permit, prior to construction or commencement of drilling operations.
2. That all new production, storage, transfer and processing equipment shall be constructed and operated consistent with APCD Rule 71 (Crude Oil and Organic Liquids).

JL: SJ:lw/a079



UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY
309 Federal Building
800 Truxtun Avenue
Bakersfield, California 93301
805/861-4186

August 14, 1980

D. J. Everitts, Chief
Division of Energy
and Mineral Resources
State Lands Commission
100 Oceangate - Suite 300
Long Beach, California 90802

DATE	AUG 15 1980	
1 DJE	✓	
CTE		
2 ADW	✓	
RGP		
3 RK	RK	
4 JTF	JTF	9/29/80
Eno.	X	
FILE:	W4016.1	

Dear Mr. Everitts:

This letter is an official response to your August 1, 1980 request for consultation and comments on a proposed nomination to lease California State owned mineral rights in the N $\frac{1}{2}$ of the S $\frac{1}{2}$ of Section 16, T. 4 N., R. 20 W., S.B.B.&M. for oil and gas development through a competitive bid. (California State Reference File #W 4016)

A review of the existing federal oil and gas lease development and environmental documents prepared in the area support the conclusion that approving the proposed area for oil and gas leasing and development would not significantly effect the quality of the human environment.

Attached for your information is a land plat map displaying existing federal oil and gas leases within T. 4 N., R. 20 W., S.B.B.&M. Should full field development of the proposed lease area and adjacent federal leases appear imminent (as determined by exploratory drilling) it is recommended that an Environmental Assessment be written to determine the possible need for an Environmental Impact Statement. It is recommended that the proposed oil and gas lease action be approved.

Sincerely yours,

J. P. Wagner

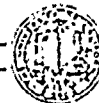
J. P. Wagner
District Engineer

Attachments

CALENDAR PAGE	176
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UNIVERSITY OF CALIFORNIA, LOS ANGELES

BONHEARTY • DAVIS • IRVINE • LOS ANGELES • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

7 August 1980

The Institute of Archaeology
Los Angeles, California 90024

D. J. Everitts, Chief
Division of Energy and Mineral Resources
State Lands Commission
100 OceanGate, Suite 300
Long Beach, California 90802

8-8J
1 DTT ✓
CIE ✓
2/27 ✓
RCP
3 OF 4
FILE 40161

Re: Negative Declaration on Competitive
Bid Oil and Gas Lease in N 1/2 of the
S 1/2 of Sec. 16, T4N, R20W, SBBM,
Ventura County

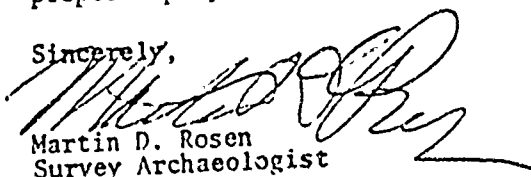
Dear Mr. Everitts,

We have reviewed the negative declaration E.I.R.
for the above project. We would like to
comment on the archaeological/historical
aspect of the E.I.R.

The appropriate sections for archaeological/
historical resources in the E.I.R. are sections
T.61 (page 6), and part 61 in section III (on
discussion of environmental evaluation). The
document adequately recognizes the need for
further in-field evaluation of archaeological/
historical resources impacts.

Since the document states that a field survey
will be conducted at the time drill sites and
access roads are determined, no other comment
can be made presently. The in-field evaluation
is necessary to determine whether any cultural
resources are extant in the area of concern, and
whether said resources would be impacted by the
proposed project.

Sincerely,


Martin D. Rosen
Survey Archaeologist

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MINUTE PAGE	434

AIR/NOTICE MAILING LIST

W 40161

*Honorable Omer L. Rains
Member of the Senate
18th District
California State Legislature
State Capitol
Sacramento, CA 95814

*Honorable Charles R. Imbrecht
Member of the Assembly
36th District
California State Legislature
State Capitol
Sacramento, CA 95814

Ventura County Board of Supervisors
800 S. Victoria Ave.

Ventura, CA 93009

NOTE: If more than one Assembly-
man, Senator or Board of
Supervisors are affected,
add to list in the spaces
provided on the following
pages.

PRESS BUREAU OFFICES AND NEWSPAPERS
(Cross out those not wanted)

Capitol News Service
Fred Kline, Executive Editor
301 Capitol Mall, Suite 300
Sacramento, CA 95814

~~San Francisco Examiner
110 Fifth Street
San Francisco, CA 94103~~

~~UPI News Bureau
207 S. Broadway
Los Angeles, CA 90012~~

~~Sacramento Bee
21st & Q Street
Sacramento, CA 95804~~

~~Associated Press
1111 S. Hill Street
Los Angeles, CA 90015~~

~~Los Angeles Times
Times-Mirror Square
Los Angeles, CA 90012~~

~~United Press International
925 L Street, Suite 1185
Sacramento, CA 95814~~

~~City News Service
107 S. Broadway, Room 1127
Los Angeles, CA 90012
Attn: Mr. Marshall Voight~~

~~Associated Press
925 L Street, Suite 320
Sacramento, CA 95814~~

~~City News Service
P.O. Box 2522
Los Angeles, CA 90054~~

REGIONAL NEWSPAPERS

Ventura County
Star - Free Press

P.O. Box 6711

Ventura, CA 93003

*NOTE: An asterisk indicates that a copy of the environmental document
will be sent with the notice.

*Mr. William Kier
Senate Office of Research
1116-9th Street, Room 23
Sacramento, CA 95814

*Mr. Jeffrey Arthur, Consultant
Senate Committee on Natural
Resources and Wildlife
State Capitol, Room 2203
Sacramento, CA 95814

*Assembly Committee on
Resources and Land Use
State Capitol, Room 3142

*Chief Clerk of the Assembly
California State Legislature
State Capitol
Sacramento, CA 95814

*Commander, 11th Coast Guard Dist.
19 Pine Avenue
Long Beach, CA 90802
(Southern California Ocean items only)

*Mr. Phil DeYoung
Pacific Gas and Electric Company
P.O. Box 7444
Sacramento, CA 95826

*Mr. N. Gregory Taylor
Assistant Attorney General
Department of Justice
3580 Wilshire Boulevard
Los Angeles, CA 90010

*Mr. Robert H. O'Brien
Environment and Consumer Protection
Department of Justice
3580 Wilshire Boulevard
Los Angeles, CA 90010

*William F. Northrop

~~*Don Hongland (Geothermal only)~~

*NOTE: An asterisk indicates that a copy
of the environmental document will
be sent with the notice.

*Mr. F.J. Hortig
Consulting Engineer
Energy Resources
2216 Westboro Avenue
Alhambra, CA 91803

*Secretary of the Senate
State Capitol
Sacramento, CA 95814

*USC Law Center
USC, Room 422
Los Angeles, CA 90007

Friends of the Earth
717 K Street, Suite 209
Sacramento, CA 95814

See Attached Mailing List

APPLICANT

* Harold Ladd Pierce

1302 Rossmoor Tower

Laguna Hills, CA 92653

FOR LONG BEACH ETR's ONLY

*The Resources Agency
1416 Ninth Street, Room 1311
Sacramento, CA 95814

*State Clearinghouse (15 copies)
Office of Planning and Research
1400-10th Street, Room 121
Sacramento, CA 95814

*U.S. Fish & Wildlife Service
2800 Cottage Way
Sacramento, CA 95825

*State Library (3 copies)
Government Publications Section
Library and Courts Buildings
Sacramento, CA 95814

*Ventura County Planning Department

Attn.: Bruce Smith

800 S. Victoria Avenue

Ventura, CA 93009

*Honorable Lou Cusanovich

Member of the Senate

19th District,

California State Legislature
State Capitol

Sacramento, CA 95814

*Honorable Robert C. Cline

Member of the Assembly

37th District

California State Legislature

State Capitol

Sacramento, CA 95814

*Environmental Protection Agency
100 California Street
San Francisco, CA 94111
Attn: Paul De Falco, Jr.
Regional Administrator

*U.S. Geological Survey
345 Middlefield Road
Menlo Park, CA 94025
Attn: Reid Stone, Geothermal
Supervisor (Send only
geothermal related docu-
ments)

*Ed Haste, State Director
California State Office
Bureau of Land Management
2800 Cottage Way-Room 2841
Sacramento, CA 95825

*Union Oil Company of California
P.O. Box 7600
Los Angeles, CA 90051
Attn: Mrs. Ferbrache
(Minerals, Geothermal, Oil & Gas)

*** *****

AREAWIDE CLEARINGHOUSE
(Where Applicable)

*

NOTE: An asterisk indicates that
a copy of the environmental
document will be sent with
the notice

STATE LANDS COMMISSION

KENNETH CORY, Controller
WILLIAM F. NORTHROP, Lieutenant Governor
RICHARD T. SILDERMAN, Director of Finance



EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, California 95814

WILLIAM F. NORTHROP
Executive Officer

File Ref.: W 40161

S 18,119
A 36,37

INITIAL STUDY CHECKLISTI. BACKGROUND INFORMATION

- A. Applicant: Harold Ladd Pierce
1302 Rossmoor Tower
Laguna Hills, CA 92653
- B. Checklist Date: 6 / 1 / 80
- C. Contact Person: John T. Freckman
Telephone: (213) 590-5213 ATSS 635-5213
- D. Purpose: To explore for and, if a discovery is made, produce oil and gas
from land in which the surface is privately owned (by the above named
applicant) and the State retains 100% of the Mineral rights.
- E. Location: The N $\frac{1}{2}$ of S $\frac{1}{2}$ of Sec. 16, T. 4 N., R. 20 W., S.B.B. & M., Ventura
County containing 152.9 acres. This parcel is located approximately
4 miles NW of the town of Fillmore, CA (see Exhibit "A", Location Map).
- F. Description: Issuance of a competitive bid Oil and Gas Lease
on the above described parcel of land. This parcel is on the southern
slope of San Cayetano Mtn. and is presently zoned as A-E (Agricultural
Exclusive) by Ventura County. This zoning allows oil and gas
See F. Description (cont'd)

CALENDAR PAGE 181
MINUTE PAGE 438

Mailing List

Memos:

Air Resources Board
Attn.: Harmon Wong-Woo
P.O. Box 2815
Sacramento, CA 95812

Division of Oil and Gas
Attn.: M.G. Mefferd
1416 Ninth Street, Rm. 1316
Sacramento, CA 95814

Department of Fish and Game
Attn.: Don Lollock
1416 Ninth Street, 12th Floor
Sacramento, CA 95814

Department of Parks & Recreation
Attn.: James P. Tryner
1220 "K" Street
Sacramento, CA 95814

Regional Water Quality Control Board
Attn.: Kenneth R. Jones
1122A Laurel Lane
San Luis Obispo, CA 93401

~~STATE CLEARINGHOUSE~~
Office of Planning and Research
~~Attn.: Laurie Wright~~
1400 10th Street
Sacramento, CA 95814

Office of Historic Preservation
Attn.: Nick Del Cioppo
P.O. Box 2390
Sacramento, CA 95814

State Energy Commission
Attn.: Ted Rauh
1111 Howe Avenue
Sacramento, CA 95825

State Water Resources Control Board
Attn.: John Huddleson
P.O. Box 100
Sacramento, CA 95801

Solid Waste Management Board
Attn.: John Hagerty
1020 Ninth Street,
Sacramento, CA 95814

Department of Health
Attn.: Kenneth Buell
714 "P" Street, Rm. 430
Sacramento, CA 95814

The Reclamation Board
Attn.: Mel Schwartz
1416 Ninth St., Rm. 204-5
Sacramento, CA 95814

California State Lands Commission
Attn.: Ted Fukushima
1807 13th Street
Sacramento, CA 95814

California State Lands Commission
Attn.: Dwight Sanders
1807 13th Street
Sacramento, CA 95814

Resources Agency
Projects Coordinator
1416 Ninth Street, 13th Floor
Sacramento, CA 95814

Division of Oil and Gas
Attn.: Murray Dosch
P.O. Box 67
Santa Paula, CA 93060

Department of Fish and Game
Attn.: Bruce Eliason
Environmental Services Div.
350 Golden Shore
Long Beach, CA 90802

Mailing List

Letters:

* Harold Ladd Pierce
1302 Rossmoor Tower
A-4 Laguna Hill Business Park
Laguna Hills, CA 92653

R. Wesley Nichols
City Manager
P.O. Box 487
Fillmore, CA 93015

Karl Krause
Ventura County Air Pollution Control Dist.
800 S. Victoria Avenue
Ventura, CA 93009

* Victor Husbands
Ventura County Environmental
Resources Agency
800 S. Victoria Avenue
Ventura, CA 93009

John Wagner
U.S.G.S.
309 Federal Building
800 Truxtun Avenue
Bakersfield, CA 93301

District Ranger
U.S. Forest Service
1190 E. Ojai Avenue
Ojai, CA 93023

George C. Weddell
U.S. Army Corps of Engineers
650 Capital Mall
Sacramento, CA 95814

Martin Rosen
Institute of Archaeology
UCLA
Los Angeles, CA 90024

Nancy Peterson Walker
Society for California Archaeology
17048 Sunburst
Northridge, CA 91325

* Ventura County Planning Division
Attn.: Bruce Smith
800 S. Victoria Avenue
Ventura, CA 93009

G. Persons Contacted: See list of Persons or Agencies Contacted
(attached)

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

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
A. <u>Earth</u> . Will the proposal result in:			
1. Unstable earth conditions or in changes in geologic substructures?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Disruptions, displacements, compaction, or overcovering of the soil?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Change in topography or ground surface relief features?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. The destruction, covering, or modification of any unique geologic or physical features?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Any increase in wind or water erosion of soils, either on or off the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Exposure of people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B. <u>Air</u> . Will the proposal result in:			
8. Substantial air emissions or deterioration of ambient air quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

9. The creation of objectionable odors? ☐ ☐ ☒
10. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally? ☐ ☐ ☒

C. Water. Will the proposal result in:

11. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters? ☐ ☐ ☒
12. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff? ☐ ☒ ☐
13. Alterations to the course or flow of flood waters? ☐ ☐ ☒
14. Change in the amount of surface water in any water body? ☐ ☐ ☒
15. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity? ☐ ☐ ☒
16. Alteration of the direction or rate of flow of ground waters? ☐ ☐ ☒
17. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations? ☐ ☐ ☒
18. Substantial reduction in the amount of water otherwise available for public water supplies? ☐ ☐ ☒
19. Exposure of people or property to water related hazards such as flooding or tidal waves? ☐ ☐ ☒

D. Plant Life. Will the proposal result in:

20. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants)? ☐ ☒ ☐
21. Reduction of the numbers of any unique, rare or endangered species of plants? ☐ ☐ ☒
22. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species? ☐ ☐ ☒

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	<u>YES</u>	<u>MAYBE</u>	<u>NO</u>
23. Reduction in acreage of any agricultural crop?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
E. <u>Animal Life.</u> Will the proposal result in:			
24. 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)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25. Reduction of the numbers of any unique, rare or endangered species of animals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
26. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
27. Deterioration to existing fish or wildlife habitat?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F. <u>Noise.</u> Will the proposal result in:			
28. Increase in existing noise levels	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29. Exposure of people to severe noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
G. <u>Light and Glare.</u> Will the proposal result in:			
30. The production of new light or glare?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
H. <u>Land Use.</u> Will the proposal result in:			
31. A substantial alteration of the present or planned land use of an area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
I. <u>Natural Resources.</u> Will the proposal result in:			
32. Increase in the rate of use of any natural resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
33. Substantial depletion of any nonrenewable resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
J. <u>Risk of Upset.</u> Will the proposal result in:			
34. The involvement of 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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
K. <u>Population.</u> Will the proposal result in:			
35. The alteration, distribution, density, or or growth rate of the human population of the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- | | <u>Yes</u> | <u>Maybe</u> | <u>No</u> |
|--|--------------------------|-------------------------------------|-------------------------------------|
| L. <u>Housing</u> . Will the proposal result in: | | | |
| 36. Affecting existing housing, or create a demand for additional housing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| M. <u>Transportation/Circulation</u> . Will the proposal result in: | | | |
| 37. Generation of substantial additional vehicular movement? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 38. Affecting existing parking facilities, or create a demand for new parking? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 39. Substantial impact upon existing transportation systems? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 40. Alterations to present patterns of circulation or movement of people and/or goods? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 41. Alterations to waterborne, rail, or air traffic? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 42. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| N. <u>Public Services</u> . Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas: | | | |
| 43. Fire protection? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 44. Police protection? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 45. Schools? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 46. Parks and other recreational facilities? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 47. Maintenance of public facilities, including roads? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 48. Other governmental services? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| O. <u>Energy</u> . Will the proposal result in: | | | |
| 49. Use of substantial amounts of fuel or energy? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 50. Substantial increase in demand upon existing sources of energy, or requires the development of new sources of energy? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Yes Maybe No

P. Utilities. Will the proposal result in a need for new systems, or substantial alterations to the following utilities:

- | | | | |
|-------------------------------|--------------------------|--------------------------|-------------------------------------|
| 51. Power or natural gas? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 52. Communication systems? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 53. Water? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 54. Sewer or septic tanks? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 55. Storm water drainage? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 56. Solid waste and disposal? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Q. Human Health. Will the proposal result in:

- | | | | |
|---|--------------------------|--------------------------|-------------------------------------|
| 57. Creation of any health hazard or potential health hazard (excluding mental health)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 58. Exposure of people to potential health hazards? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

R. Aesthetics. Will the proposal result in:

- | | | | |
|---|--------------------------|--------------------------|-------------------------------------|
| 59. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|

S. Recreation. Will the proposal result in:

- | | | | |
|--|--------------------------|--------------------------|-------------------------------------|
| 60. An impact upon the quality or quantity of existing recreational opportunities? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|

T. Archeological/Historical. Will the proposal result in:

- | | | | |
|--|--------------------------|-------------------------------------|--------------------------|
| 61. An alteration of a significant archeological or historical site, structure, object, or building? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
|--|--------------------------|-------------------------------------|--------------------------|

U. Mandatory Findings of Significance.

- | | | | |
|--|--------------------------|--------------------------|-------------------------------------|
| 62. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|

- | | <u>Yes</u> | <u>Maybe</u> | <u>No</u> |
|--|--------------------------|--------------------------|-------------------------------------|
| 63. Do the project have the potential to sacrifice short-term, to the disadvantage of long-term, environmental goals? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 64. Does the project have impacts which are individually limited, but cumulatively considerable? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 65. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

II. DISCUSSION OF ENVIRONMENTAL EVALUATION

See attachment of same title

IV. 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: 6/2/80

John J. Freckman

Energy and Mineral
Resources Engineer

For The State Lands Commission

EXHIBIT

LOCATION MAP

W. O. 4016

STATE LANDS COMMISSION

PROPOSED OIL & GAS LEASE

Ventura County

0 1/2 miles

MARCH 1980

PROPOSED LEASE AREA

491
448

developed. The applicant complies with all rules and regulations and acquires the necessary permits from the Ventura County A.R.C.D. and other permitting agencies.

The applicant, if the successful bidder, proposes to drill one and possibly two wells within the parcel. Well sites would be on the order of 300' by 300' with the necessary access roads to each site. Obviously, the total acreage involved would depend on the length of the access roads to be constructed.

Drilling and completion operations, assuming commercial production is encountered, will be conducted in accordance with the rules and regulations of the State Lands Commission and the Division of Oil and Gas. Surface casing will be set as prescribed by regulations to provide anchorage and to protect ground water. Approved B.O.P.E. will be used during drilling operations. Toxic materials, if used during drilling operations, will be disposed of temporarily in a sump lined with impervious material. The spent mud will be disposed of eventually at a site approved by the Regional Water Control Board and the Solid Waste Management Board.

If commercial production is encountered, depending on the potential, oil and gas treating facilities will be installed. These will include a minimum of three tanks (i.e., a stock tank, wash tank, and test tank) and two separators per drilling/production site. Assuming production is achieved, all drilling equipment will be removed, sumps cleaned, and the area replanted to as near natural as practical. If production is not encountered the well will be plugged and abandoned in accordance with the regulations of the Division of Oil and Gas and subsequently the site will be restored to as near normal as possible. Restoration will also include the access roads unless the surface owner states otherwise.

G. Persons or Agencies Contacted:

Memos:

Air Resources Board, Bill Lewis
Dept. of Conservation, Division of Oil & Gas, M.G. Mefferd
Dept. of Fish and Game, Don Lollock
Dept. of Parks and Recreation, James P. Trynee
Regional Water Quality Control Board, Kenneth R. Jones
Office of Planning and Research, Laurie Wright
Office of Historic Preservation, Nick Del Cioppo
State Energy Commission, Ted Rauh
Solid Waste Management Board, Albert A. Marino
CA Dept. of Health, Kenneth Buell
The Reclamation Board, Mel Schwartz
State Lands Commission, Ted Fukushima, Dwight Sanders

Letters:

Harold Iadd Pierce
Ventura County Air Pollution Control District, Karl Krause
Ventura County Environmental Resources Agency, M.L. Koester
U.S. Geological Survey, John Wagner
U.S. Army Corps of Engineers
U.S. Forest Service, District Ranger
Institute of Archaeology - UCLA, Martin Rosen
Society for California Archaeology, Nancy Peterson Walter

III. SUMMARY OF ENVIRONMENTAL EVALUATION

The U.S. Geological Survey recently completed an Environmental Analysis* (E.A.) for a proposed exploratory oil well, to be drilled by the Tiger Oil Company, at a location approximately one (1) mile NE of the parcel of interest. This E.A. completed on June 4, 1979, for a proposed well in Section 10 T. 4 N., R. 20 W., SBBM, Ventura County. It determined that the proposed action would not significantly affect the quality of the human environment in the sense of the National Environmental Policy Act, Section 102(2)(c). This Initial Study utilizes some of the information present in this USGS Environmental Analysis because of proximity of the parcels involved and the similarities of terrain and biota.

*ENVIRONMENTAL ANALYSIS

Tiger Oil Company
Proposal to Drill Exploratory Well U.S.A. No. 1
Lease LA 0077925

Section 10, T. 4 N., R. 20 W., SBBM
Los Padres National Forest
Ventura County, California

Date: June 4, 1979

Prepared By: U.S.G.S. Conservation Division
309 Federal Bldg.
800 Truxtun Ave.
Bakersfield, CA 93301

- No. 2 Construction of a drill-pad and the associated access road will disturb vegetation and soil. The area disturbed will depend on site location which will effect the length of the access road. Also the amount of cut and fill required to establish a stable drill-pad will vary. Pad size is estimated to be a maximum of two (2) acres for any one drillsite. Before any drilling and associated construction occurs, the specific site must be approved by the staff of the State Lands Commission.

At present there is an existing road into the parcel of interest. This road extends part way up Boulder Creek and has been washed out in several places as a result of this past winter's storms. This road would shorten any access

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rest to well sites in the western part of the site. Access to the eastern half would be somewhat more difficult due to steepness of terrain, and more lengthy because of the lack of established roads or trails nearby.

- No. 3 Changes in topography will be localized around the well-sites and will depend on location and amount of cut and fill required.
- No. 5 Construction of the drill-pad will increase the erosional possibilities. To minimize these possibilities the slopes of the cut and fill areas will be revegetated.
- No. 6 With the possibility of increased erosion comes the potential to increase deposition of sediments into the local intermittent streams which cut the South face of San Cayetano Mtn. As mentioned in No. 5, above, revegetation of the cut and fill slopes will help to minimize the possibility.
- No. 7 Depending on the location of well(s) of the successful bidder, the hazards due to landslides or land slips could be increased. This most likely would occur in the canyon areas due to undercutting of the canyon walls during site preparation. The appropriate cut and fill procedures coupled with approval of the site, by the Staff of the State Lands Commission, prior to construction will mitigate the potential hazard.
- No. 8 A minor amount of temporary air pollution will be emitted during operation of the diesel engines supplying power to the drilling activity. Exhibit "B" (attached) presents emission data on drilling rigs similar to that which would be used on the proposed lease area. Pollution should be approximately equivalent to that contributed by several diesel-powered trucks. Duration would vary depending on depth of completion.
- No. 12 Drainage is seasonal and would only be affected to a minor degree by the drill-pad construction. The amount is also variable with the well-site location.
- No. 20 During the construction phase, approximately two (2) acres of brush and/or tree cover will be removed for the drilling pad. As per No. 5 (above) the cut and fill slopes would be revegetated. If the proposed project is found to be uneconomical then the drill site will be restored to as near normal as practical.

- No. 24 The U.S.G.S. Environmental Analysis, referred to as an indicator that species sensitive to noise and human activity could be expected to frequent the area less frequently during this kind of activity. However, the combined pad and fill-slope, depending on location, would increase the edge effect on the floral and subsequently could actually increase the variety of wildlife found in the area.
- No. 27 Deterioration would be limited to the drillsite, associated cut and fill, and the access road. (see No. 24 above).
- No. 28 There will be an increase in noise level in the immediate area of the drillsite due to the construction equipment and drilling machinery. Mufflers will be installed on the drilling rig diesel engines to help mitigate the noise. This will be a short-term impact because the construction drilling and testing phases will most likely last approximately 3 to 4 weeks at maximum.
- No. 30 Assuming around-the-clock activity during the drilling operation, the rig will be highly visible at night due to the outdoor lighting required. This will be a short-term effect as described in No. 28 above.
- No. 32 The rate of removal of oil and possibly natural gas will increase, provided commercial production of gas is obtained through the exploratory phase of the project.
- No. 33 Oil and possibly natural gas, if a commercially producible amounts are found, are the only nonrenewable resources that will be removed.
- No. 34 Certain operations performed in drilling and production work are considered critical with respect to well control, fire, explosion, oil spills and other discharges or emissions. The critical operations may occur during drilling, well completion, well maintenance and construction. All applicable standards and regulations will be followed in the design and construction of the surface and/or subsurface facilities. Routine inspection of the exploration activities will be conducted to insure safety. If commercial product is encountered the production facility (i.e., gathering tanks, etc.) will be routinely inspected for potential hazards, which will be promptly corrected.

No. 43 The appropriate fire protection authorities will be notified prior to the start of activities on this project. U.S. Forest Service Station Oak Flat (805) 524-1519 or Ventura County Fire Department (805) 524-2113 ext. 211.

No. 61 An archaeological records search, by the Institute of Archaeology at U.C.L.A. (see attached letter dated June 17 1980), indicates that there is a potential for aboriginal habitation sites in the project area. However, no specific site has been located.

Construction of a drillsite and the associated access road could possibly disturb some archaeological site or object. However, due to the competitive bid nature of this lease, the actual drillsite location(s) will not be known until the lease is awarded to the successful bidder. Because of this situation, an archaeological reconnaissance survey will be conducted on the drillsite(s) and associated access road(s) selected by the successful bidder. The survey(s) will be conducted prior to any construction on the site(s) or access road(s) and if there are archaeological significant findings, suitable alternate drillsites and access roads will be selected. The archaeological survey will be conducted by the staff of the Institute of Archaeology at the University of California, Los Angeles.

BRIDGLEY, DONALD L. - ANGLETON, CALIFORNIA - SAN DIEGO - SAN FRANCISCO

THE INSTITUTE OF ARCHAEOLOGY
LOS ANGELES, CALIFORNIA 90024

DATE JUN 18 1960
DJE
CFE
ADW
RCP
1. JTF JTF
2 RAK RAK
Enc 2
FILE: 1/1401151

Dear Mr. Freckman,

Same as Exhibit A
of this
Initial Study →

Only one archaeological site is recorded within a two kilometer radius of the subject property. No sites are recorded within the limits of the subject property. The one site, CA-Ven-563, is located 1.5 kilometers to the southeast in Boulder Creek Canyon. This site, recorded in Feb. 1978, was found by Alex Kirkish. He described the site as a light to moderate flake and tool scatter, covering an area 40 x 70 meters. Flaked material included fused shale, andesite and quartzite. One pestle, one core and many utilized flakes were observed. One deer tibia fragment was found.

Most sites today are found during the course of archaeological field surveys conducted for E.I.R. purposes. Almost no field work has been done in this region of Ventura County.

In attempt to assess the likelihood of historical resources occurring in the area, we conducted a search of historic editions of U.S.G.S. topographic maps; specifically, the Piru 15' edition of 1921, surveyed in 1900). No structures occur on this map within or near to the project area. A final search was made of Federal, State and Local historical resources inventories. Again, nothing was found for the specific subject property.

Since the region would have been a favorable environment for aboriginal habitation, we would recommend that a complete systematic survey of the subject property be implemented. We cannot assess the impact on cultural resources in the area without this first-hand field information.

Should you have any questions or comments regarding the above records search, please feel free to contact me at the Survey.

Sincerely,
Martin D. Rosen
Survey Archaeologist

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EXHIBIT "E"

DIESEL POWERED INDUSTRIAL ENGINE

EMISSION FACTORS AND RATES

	750 H.P. ¹		at 75% ³		
	g/hp. hr. ²		load factor	g/sec.	tons/mo.
Carbon Monoxide (CO)	3.030		2.27	0.47	1.37
Exhaust Hydrocarbons (HC)	1.120		0.84	0.17	.51
Evaporative Hydrocarbons	None		--	--	--
Crankcase Hydrocarbons	None		--	--	--
Nitrogen Oxides (NO _x)	14.000		10.50	2.18	6.32
Aldehydes	0.210		0.16	0.03	.12
Sulfur Oxides (SO _x)	9.931		0.70	0.15	.42
Particulate (Part)	1.000		0.75	0.16	.45

1. Total H.P. - two engines of approximately 350 hp. and 400 hp. will be used.
2. Data obtained from EPA, AP-42 Supplement 5; December 1975, p. 3.3.3-1.
3. Hoisting operations will require 675 hp. for approximately 6 hours/day and drilling operation will require 525 hp. 18 hours/day.

$$\text{load factor 1} = 675/750 = 90\%$$

$$\text{load factor 2} = 525/750 = 70\%$$

$$\text{Average load factor} = \frac{(0.90)(6) + (0.70)(18)}{24} = 75\%$$