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GL03134-343

APR 30 1979

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Area Geothermal Supervisor's Office  
Conservation Division, MS 92  
345 Middlefield Road  
Menlo Park, CA 94025

APR 27 1979

Memorandum

To: Interested Parties  
From: ~~Area~~ <sup>Action</sup> Area Geothermal Supervisor  
Subject: Plans of Operation, Union Oil Company, Federal Leases  
CA-959, CA-5639, CA-5640 and Aminoil USA, Inc., Federal  
Lease CA-958, Geysers-Calistoga KGRA, Lake & Sonoma  
Counties, CA

UNIVERSITY OF UTAH  
RESEARCH INSTITUTE  
EARTH SCIENCE LAB.

*2721316*  
*PI*

Union Oil Company has submitted a Plan of Operation in accordance with CFR 270.34 to construct ten multiple well drilling sites and to drill and test exploratory wells on each site, on Federal Leases CA-959, CA-5639 and CA-5640, Geysers-Calistoga KGRA, Sonoma County, CA. A copy of the Plan of Operation is attached for your review and files.

An Environmental Analysis (EA #127-9) will be prepared by the Office of the Area Geothermal Supervisor for the proposed action.

Aminoil USA, Inc. has submitted a Plan of Operation in accordance with CFR 270.34 to construct one access road and one multiple drill pad site and to drill one or more exploratory wells on Federal Lease CA-958, Geysers - Calistoga KGRA, Lake County, CA. A copy of the Plan of Operation is attached for your review and files.

An Environmental Analysis (EA #128-9) will be prepared by the Office of the Area Geothermal Supervisor for the proposed action.

You are invited to participate in a joint field inspection for both lease areas, being led by Ted Hudson, Santa Rosa District Geothermal Supervisor, USGS, on May 15, 1979. If all the sites cannot be viewed in one day, the field inspection will be continued on May 16, 1979. Participants are asked to meet at the Tip Top Cafe at Dry Creek Rd. and Healdsburg Ave. in Healdsburg, California, at 9:00 am, May 15, 1979.

All comments concerning the proposed actions should be received no later than May 25, 1979, by:

Area Geothermal Supervisor  
U.S. Geological Survey - Conservation Div.  
345 Middlefield Road - MS 92  
Menlo Park, CA 94025

Tel: (415) 323-8111, Ext. 2848 (FTS: 467-2848)

We urge you to send written commentary and will appreciate hearing from you even if you are of the opinion that the existing regulations, lease terms, and operational orders provide adequate environmental protection.

Further, we solicit your comments and suggestions on the proposed action. All comments will be given serious consideration in the preparation of the Environmental Analysis and any subsequent conditions of approval.

The Area Geothermal Supervisor's Office will not send a draft Environmental Analysis to interested parties for review for the proposed action. Certain parties, however, such as the surface managing agency, the lessee, GEAP and USFWS will receive a copy of the completed EA. Other interested parties will not receive a copy of the final EA unless such parties comment on the proposed action in writing or request a copy of the particular EA pursuant to the Freedom of Information Act. Copies of Environmental Analyses are available for inspection during normal business hours at the Area Geothermal Supervisor's Office, the Santa Rosa District Geothermal Supervisor's Office, and the Ukiah BLM District Manager's Offices.

*Rich Conzill*

Attachment

INTERESTED PARTIES EA #127-9 / 128-9

Union Oil Co / Aminoil USA, Inc  
Plans of Exploration

CA-959, CA-5639, CA-5640 / CA-958  
Geysers-Calistoga KGRA

\* \* \* \* \*

District Geothermal Supervisor  
USGS, Conservation Division  
Post Office Box 3539  
Santa Rosa, California 95042  
\*FTS 450-4326 Comm: 707-525-4326

Conservation Manager, Western Region  
ATTN: Environmental Staff  
USGS, Conservation Division  
345 Middlefield Rd., MS 80  
Menlo Park, California 94025  
\*FTS: 467-2108 Comm: 415-323-8111

Mr. Henry Cullins  
Area Geologist, Pacific Area  
USGS-Conservation Division  
345 Middlefield Road, MS 80  
Menlo Park, California 94025  
\*FTS: 467-2053 Comm: 415-323-8111

USGS-Subsidence Research  
ATTN: Bruce L. Massey  
Federal Building, Rm. W2528  
2800 Cottage Way  
Sacramento, California 95825  
\*FTS 468-4258

Dr. G. D. Robinson, Chairman  
Geothermal Environmental Advisory  
Panel  
345 Middlefield Road, MS 19  
Menlo Park, California 94025  
\*FTS 467-2871 415-323-8111 X2871

U.S. Bureau of Land Management  
Geothermal Specialist  
ATTN: Theodore W. Holland  
Denver Fed. Center, R. 50 (D-310)  
Denver, Colorado 80225  
\*FTS: 234-5098 Comm: 303-234-5098

California State Director  
Bureau of Land Management  
Federal Building, Room E-2841  
2800 Cottage Way  
Sacramento, California 95825  
\*FTS: 468-4676 Com (916) 484-4676

Ukiah District Manager  
Bureau of Land Management  
555 Leslie Street  
Ukiah, California 95428  
\*Comm: 707-462-3873

U.S. Fish and Wildlife Service  
ATTN: Field Superv Ecological Serv  
2800 Cottage Way  
Sacramento, California 95825  
\*FTS: 468-4516 Comm: 916-484-4516

U. S. Fish and Wildlife Service  
ATTN: Gail Kobeditich  
Endangered Species Office  
2800 Cottage Way, Room E-2720  
Sacramento, California 95825  
\*FTS: 468-4516 Comm: 916-484-4516

Department of Energy, Geothermal  
ATTN: Bennie DiBona  
20 Massachusetts Avenue, NW  
Washington, D.C. 20545  
\*FTS 376-1690 Comm: 202-376-1690

Mr. Jack Miller  
California Division of Oil & Gas  
240-D Coddintown Center  
Santa Rosa, California 95401  
\*Comm: 707-525-0479

California Department of Fish & Game  
ATTN: Don Lollock  
1416 Ninth Street  
Sacramento, California 95814  
\*FTS 465-1383 Comm: 916-455-1383

State of California  
Department of Parks & Recreation  
ATTN: Knox Mellon, SHPO  
P.O. Box 2390  
Sacramento, California 95811

Regional Water Quality Control Board  
ATTN: David Snetsinger  
1000 Coddintown Center  
Santa Rosa, California 95401  
\*Tel: 707-545-2620

Governor's Office of Planning and  
Research - State Clearing House  
ATTN: Bill Kirkham and Susan Brown  
1400 Tenth Street  
Sacramento, California 95814

INTERESTED PARTIES for EA #127-9 / 128-9

State of California  
Water Resources Control Board  
ATTN: Alvin Franks  
P.O. Box 100  
Sacramento, California 95801  
\*Comm: 916-445-2774

John Emio  
California Department of Fish and  
Game  
P.O. Box 47  
Yountville, California 94599

Native American Heritage Committee  
ATTN: Stephen Rios  
1400 10th Street  
Sacramento, CA 95814  
\*916-322-7791

State of California  
Public Utilities Commission  
ATTN: Mr. William N. Foley  
350 McAllister Street, Room 5069  
San Francisco, California 94102

Mr. Tom Cordill  
Sonoma County Planning Director  
County Admin. Building, Rm. 105A  
2555 Mendocino Avenue  
Santa Rosa, California 95401  
\*Tel: 707-527-2412

Don Johnson  
Lake County Planning Director  
255 N. Forbes Street  
Lakeport, California 95453  
\*Comm: 707-263-5471, ext. 248

Sonoma State Collège  
ATTN: Dr. David A. Fredrickson  
Anthropology Laboratory  
1801 East Cotati Avenue  
Rohnert Park, California 94928  
\*Comm: 707-664-2381

Earth Science Laboratory  
Univ of Utah Research Institute  
ATTN: Phillip M. Wright  
420 Chipeta Way, Suite 120  
Salt Lake City, Utah 84108  
\*Tel (801) 581-5283

Geothermal Resources Council  
Attn: Mr. David Anderson  
P.O. Box 98  
Davis, CA 95616  
\*Comm: 916-758-2360

Mr. Mike Eaton  
Sierra Club  
1107 9th Street, Room 419  
Sacramento, CA 95814  
\*916-444-9132

Mr. John Kramer  
for the Sierra Club  
998 Pine Street  
Ukiah, California 95482  
\*707-462-6348

Aminoil USA, Incorporated  
ATTN: Mr. J.W. Kunau  
Post Office Box 11279  
Santa Rosa, California 95406  
\*FIS One: 623-1011 707-527-5333/2

Occidental Geothermal, Inc.  
ATTN: R.J. Wvant  
5000 Stockdale Highway  
Bakersfield, California 93309  
\*Tel: (805) 327-7351

Republic Geothermal, Incorporated  
Northern California Office  
ATTN: J. L. Schneidenberger  
2544 Cleaveland Avenue  
Santa Rosa, California 95401  
\*Comm: 707-527-7755

SAYWRIGHT Corporation  
ATTN: Mr. Wayne L. Sayer  
Post Office Box 229  
Fairfield, California 94533

Snell Oil Company  
ATTN: Mr. F.W. Nantker  
Post Office Box 92047  
Worldway Center  
Los Angeles, California 90009  
\*Tel: (805) 648-2751

INTERESTED PARTIES for EA #127-9 / 128-9

Union Oil Company of California  
Geothermal Division  
ATTN: Neil Stefanides  
Union Oil Center, Box 7600  
Los Angeles, California 90051  
\*213-486-7740

Union Oil Company of California  
ATTN: Mr. Joseph L. Wilson  
Post Office Box 7600  
Los Angeles, California 90051  
\*DIRECT 8-213-486-6092

Union Oil Company  
ATTN: Don Ash  
Post Office Box 6854  
Santa Rosa, California 95406

Environmental Science Associates, Inc  
ATTN: Paul Zigman  
1291 E. Hillside Blvd.  
Foster City, CA 94404  
\*415-573-8500

New Albion Resources Company  
ATTN: J. M. Nugent  
Post Office Box 168  
San Diego, California 92112

Mr. Jack McNamara  
10850 Wilshire Blvd, Suite 790  
Los Angeles, California 90024  
\*Tel: (213) 475-4933

Mr. Warren M. Woodward  
125 Drew Drive  
Reno, Nevada 89502  
\*FTS 470-5911 702-825-3079