



GL02859-2025

UNITED STATES
DEPARTMENT OF THE INTERIOR

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

OCT 19 1977

Memorandum

To: INTERESTED PARTIES

From: ^{Acting} Area Geothermal Supervisor

Subject: Plan of Operation, Occidental Geothermal, Inc., Federal Leases
N-8496 and N-8497, Allen Springs Area, Churchill County, NV

Occidental Geothermal, Inc., has submitted a Plan of Operation in accordance with 30 CFR 270.78(b)(5) to drill eleven geophysical observation holes up to 3000 feet deep on the above Federal leases in the Allen Springs area. A copy of the Plan of Operation is attached for your review and files.

An environmental analysis (EA#98) will be prepared by the Office of the Area Geothermal Supervisor for the proposed action. You are invited to participate in a lease inspection scheduled for November 1, 1977. Participants are asked to meet at 9:00 a.m. at the Office of the District Manager, Bureau of Land Management, 801 N. Plaza Street, Carson City, Nevada. Mr. Bernie Moroz, District Geothermal Supervisor, U.S. Geological Survey, Reno, Nevada, will coordinate the inspection (Tel: 8-470-5676, (702) 784-5676).

All comments concerning the proposed action must be received not later than November 8, 1977, by:

Area Geothermal Supervisor
Conservation Division
U.S. Geological Survey
345 Middlefield Road MS 92
Menlo Park, CA 94025
Tel: (415) 323-8111, Ext. 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 even though you may not be able to participate in the inspection. All comments will be given serious consideration in the preparation of the environmental analysis and any subsequent conditions of approval thereafter.

The Area Geothermal Supervisor's Office does not send draft Environmental Analyses (EA's) to interested parties for review for work proposed by lessees pursuant to 30 CFR 270.78. 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 State Director's Office, Bureau of Land Management; and the appropriate District Office, Bureau of Land Management.

Barry A Boudreau

INTERESTED PARTIES EA#98
OCCIDENTAL GEOTHERMAL, INC.
Plan of Operation: 11 - 3000'± wells
Federal Leases N-8496, N-8497
Allen Springs Area
Churchill County, Nevada

USGS-Conservation Division
District Geothermal Supervisor
Attn: Bernie Moroz
63 Keystone Ave., Suite 102
Reno, NV
Comm.: (702) 784-5676
FTS: 470-5676

USGS-Conservation Division
Office of Conservation Manager
Western Region
Attn: Environmental Staff
345 Middlefield Road, MS 80
Menlo Park, CA 94025
Comm.: (415) 323-8111, Ext. 2093
FTS: 467-2093

USGS-Conservation Division
Area Geologist, Pacific Area
Attn: Henry Cullins
345 Middlefield Road, MS 80
Menlo Park, CA 94025
Comm.: (415) 323-8111, Ext. 2053
FTS: 467-2053

Geothermal Environmental Adv. Panel
Attn: Max Crittenden
U.S. Geological Survey
345 Middlefield Road, MS 75
Menlo Park, CA 94025
Comm.: (415) 323-8111, Ext. 2317
FTS: 467-2317

U.S. Bureau of Land Management
Office of the Nevada State Director
Federal Building, Room 3008
300 Booth Street
Reno, NV 89502
Comm.: (702) 784-5451
FTS: 470-5451

U.S. Bureau of Land Management
Attn: Theodore W. Holland
Geothermal Specialist
Building 50, D-310
Denver Federal Center
Denver, CO 80225
Comm.: (303) 234-5098
FTS: 234-5098

U.S. Bureau of Land Management
Carson City District Office
Attn: Paul Applegate
801 N. Plaza Street
Carson City, NV 89701
Comm.: (702) 882-1631
FTS: 470-5911, ask for 882-1631

U.S. Fish & Wildlife Service
Office of Biological Services
Attn: L.A. Mehrhoff
4620 Overland Road, Rm. 210
Boise, ID 83705
Comm.: (208) 834-1931
FTS: 554-1931

U.S. Fish & Wildlife Service
Attn: Felix Smith
2800 Cottage Way, Rm. E-2727
Sacramento, CA 95825
Comm.: (916) 484-4657
FTS: 468-4657

U.S. Department of Energy
Nevada Operations Office
Attn: John O. Cummings
P.O. Box 14100
Las Vegas, NV 89114
Comm.: (702) 734-3591
FTS: 470-3591

U.S. Department of Energy
Div. of Geothermal Energy, 3rd Floor
Attn: Bert Barnes
20 Massachusetts Ave., NW
Washington, D.C. 20545
Comm.: (202) 376-4902
FTS: 376-4902

U.S. Environmental Protection Agency
Environmental Monitoring & Support
Attn: Michael O'Connell
P.O. Box 15027
Las Vegas, NV 89114
Comm.: (702) 736-2969
FTS: 595-2969

Gulf Mineral Resources Co.
Attn: E.W. Westrick
Exploration Department
1720 S. Bellaire St.
Denver, CO 80222
(303) 758-1700

Hydro-Search, Inc.
Attn: Virgil Wilhite
333 Flint St.
Reno, NV 89501
(702) 322-4172

ICF, Inc.
Attn: Doug Fried
1990 M St., NW
Washington, D.C. 20036
(202) 785-3440

Phillips Petroleum Company
Attn: R.L. Wright
P.O. Box 752
Del Mar, CA 92014
(714) 755-0131

Phillips Petroleum Company
Energy Minerals Division
Attn: R.T. Forest
P.O. Box 10556
Reno, NV 89510
(702) 786-2273

Republic Geothermal, Inc.
Attn: Dwight Carey
P.O. Box 3388
Santa Fe Springs, CA 90670
(213) 945-3661

Republic Geothermal, Inc.
Attn: Jim Sheidenberger
2544 Cleveland Ave.
Santa Rosa, CA 95401
(707) 527-7755

Sunoco Energy Development Co.
Attn: C.T. Clark, Jr.
12700 Park Central Pl., Suite 1500
Dallas, TX 75251
(214) 233-2600, Ext. 515

Mr. Clyde E. Kuhn
2207 Carroll St., Apt. 3
Oakland, CA 94606
(415) 451-3714

University of Utah Research Institute
Earth Science Laboratory
Attn: Phillip M. Wright
Research Park, 391 Chipeta Way
Salt Lake City, UT 84108
(801) 581-5226

Mr. Jack McNamera
Law Center, Rm. 422
University of Southern California
Los Angeles, CA 90007
(213) 741-7569

U.S. Bureau of Reclamation
Attn: Lloyd Osbourne
P.O. Box 640
Carson City, NV 89701
(702) 882-3436

Amax Exploration, Inc.
Attn: Larry Hall
4704 Harlan St.
Denver, CO 80212
(303) 433-6151

Occidental Geothermal, Inc.
Attn: B.J. Wyant
5000 Stockdale Highway
Bakersfield, CA 93309
(805) 327-7351

Dresser Industries
Attn: Jim Fox
475 17th St., Suite 1600
Denver, CO 80202
(303) 893-2780

Thermal Power Co.
Attn: K.R. Davis
601 California St.
San Francisco, CA 94108
(415) 981-5700, Ext. 164

Union Oil Company of California
Geothermal Division
Attn: Neil J. Stefanides
Union Oil Center, Box 7600
Los Angeles, CA 90051
(213) 486-7740

State of Nevada
 Department of Human Resources
 Capitol Complex
 1209 Johnson Street
 Carson City, NV 89710
 (702) 885-4730

State of Nevada
 Division of State Lands
 201 S. Fall St., Rm. 338
 Capitol Complex
 Carson City, NV 89710
 (702) 885-4363

State of Nevada
 Division of State Parks
 Attn: John Meder
 Historic Preservation Officer
 201 S. Fall St., Rm. 221, Nye Bldg.
 Carson City, NV 89701
 (702) 885-4384

State of Nevada
 Division of Water Resources
 Attn: Roland Westergard
 201 S. Fall St., Capitol Complex
 Carson City, NV 89710
 (702) 885-4380

State of Nevada
 Environmental Protective Services
 Attn: Wendell McCurry/Vern Ross
 201 S. Fall St., Capitol Complex
 Carson City, NV 89710
 (702) 885-4670

State of Nevada
 Nevada Department of Fish & Game
 P.O. Box 10678
 Reno, NV 89510
 (702) 784-6214

State of Nevada
 Nevada Department of Fish & Game
 Attn: Ray Corlett, Regional Mgr.
 380 West B Street
 Fallon, NV 89406
 (702) 423-3171

State of Nevada
 Department of Energy
 1050 E. William, Suite 405
 Carson City, NV 89701
 (702) 885-5157

State of Nevada
 Nevada State Museum
 Attn: Mary Rusco, Archaeologist
 600 N. Carson Street
 Carson City, NV 89701
 (702) 885-4810

Churchill County Commission
 Attn: John Hanifan, Chairman
 10 West Williams St.
 Fallon, NV 89406
 (702) 423-5136

California Energy Co., Inc.
 Attn: Paul Storm
 P.O. Box 3909
 Santa Rosa, CA 95402
 (707) 526-1000

Chevron USA, Inc.
 Attn: J.G. Turner/Pat Smith
 P.O. Box 3722
 San Francisco, CA 94119
 (415) 894-2726/(415) 894-2301

Exploration Geologists of Nevada
 Attn: Ralph D. Mulhollen
 P.O. Box 3043
 Reno, NV 89505
 (702) 972-6791

Geothermal Power Corporation
 Attn: Frank G. Metcalfe
 P.O. Box 1186
 Novato, CA 94947
 (415) 897-7833

GeothermEx
 Attn: James B. Koenig
 901 Mendocino Ave.
 Berkeley, CA 94707
 (415) 524-9242

Getty Oil Company
 Attn: J.W. Woffington
 P.O. Box 5237
 Bakersfield, CA 93308
 (805) 399-2961