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Issue No. 7

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October 20, 1971

William to Burn

"I DO NOT KNOW WHAT I MAY APPEAR TO THE WORLD, BUT TO MYSELF I SEEM TO HAVE BEEN ONLY LIKE A BOY PLAYING ON THE SEA-SHORE, AND DIVERTING MYSELF IN NOW AND THEN FINDING A SMOOTHER PEBBLE OR A PRETTIER SHELL THAN ORDINARY, WHILST THE GREAT OCEAN OF TRUTH LAY ALL UNDISCOVERED BEFORE ME."

--- SIR ISAAC NEWTON

WASHINGTON, D. C.

Following is an October 8, 1971, news release from the Office of the Secretary of Interior:

INTERIOR DEPARTMENT SETS HEARINGS ON DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR THE GEOTHERMAL LEASING PROGRAM

The Interior Department has scheduled a series of public hearings November 9-12 to receive comments on the environmental effects that could result from the implementation of proposed regulations for the leasing and development of federally owned geothermal resources.

Secretary of the Interior Rogers C. B. Morton said the hearings, to be conducted in Reno, Nevada; Sacramento, California; and Portland, Oregon, have been planned to enable organizations, public officials and the general public to express their views fully in the spirit of the National Environmental Policy Act of 1969.

The hearings also will give interested parties an opportunity to comment on the proposed leasing and operating regulations to implement the Geothermal Steam Act of 1970, Secretary Morton said. The Interior Department published the proposed regulations in the Federal Register on July 23, 1971.

The Interior Department on October 6 made public its draft environmental impact statement for the geothermal leasing program in a major step toward carrying out provisions of President Nixon's Clean Energy Message of June 4, 1971. In that message the President called for the development of geothermal resources to help meet the Nation's growing needs for clean energy.

The statement to be considered at the hearings contains environmental evaluations for geothermal leasing in three areas, the Clear Lake-Geysers in northern California; Mono Lake-Long Valley in central California, and the Imperial Valley in southern California.

All hearings will begin at 9:30 a.m. on the following days and locations: November 9: Federal Building, Bankruptcy Court Room, Room 4040, 300 Booth St., Reno, Nevada; November 10 and 11: Caravan Inn, Solarium Room, 2300 Auburn Blvd., Sacramento, California; November 12: Bonneville Auditorium; 1002 Northeast Holladay, Portland, Oregon.

Persons wishing to appear at the hearings should contact the Director, Office of Hearings and Appeals, Department of the Interior, 4015 Wilson Blvd., Arlington, Virginia 22203, phone 703-557-1500, no later than November 6. Written comments from persons unable to attend, or from those wishing to supplement their oral presentations which will be limited to 10 minutes, will be included in the hearing record if they are received by the Director by November 22.

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The Department of Interior also announced that the on the proposed geothermal leasing and operating re-	gulations has been extended to November 12.
Copies of these documents are available for review a Division of Mines and Geology offices.	at all State Division of Vil and Gas and
a statistic of utues and sectory offices.	red wrong reactions in an in practice
The draft of the "Environmental Impact Statement for for inspection or purchase (price: \$2) at the follo	r Geothermal Leasing Program" is available
Public Inspection Locations	
Office of the Geothermal Coordinator	Ale Marine (1996) - the second se
Room 7000, Interior Building 19th and E Streets, N. W.	n na harrien and an the second se Benergy and a second
Washington, D. C.	\mathcal{L}_{μ} is the set of \mathcal{L}_{μ} . We set \mathcal{L}_{μ} is the set of \mathcal{L}_{μ}
Bureau of Land Management Public Rooms at the follow	ving locations:
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516 2nd Avenue	Federal Building and
<pre>// Fairbanks, Alaska </pre>	U. S. Court House
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Riverside, California	Santa Fe, New Mexico
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	State Office: Mark
Room 700, Colorado State Bank Bldg.	729 N. E. Oregon Street
1600 Broadway	Portland, Oregon Contraction and Contractions
Denver, Colorado	
	State Office
Outer Continental Shelf Office	Federal Building 125 South State
Room T-9003, Federal Office Bldg. 701 Loyola Avenue	Salt Lake City, Utah
New Orleans, Louisiana	
	Stara Office and the second second second
50 Eastern States Land Office	U. S. Post Office and SPARE BULL
7981 Eastern Avenue	Court House Building
Silver Spring, Maryland	2120 Capital Avenue 1651
	Cheyenne, Wyoming
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Sale Locations	

U. S. Geological Survey Map Information Office Room 1028, General Services Building 18th and F Streets, N. W. Washington, D. C. 20242

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(Immediate over-the-counter and mail order sales) U. S. Geological Survey Public Inquiries offices at the following locations for <u>over the</u> <u>counter sales only</u> beginning October 11, 1971:

508 Second Avenue Anchorage, Alaska

7638 Federal Building 300 N. Los Angeles Street Los Angeles, California

504 Custom House 555 Battery Street San Francisco, California

1012 Federal Building 1961 Stout Street Denver, Colorado Room 1C-45 1100 Commerce Street Dallas, Texas 8102 Federal Building

125 South State Street Salt Lake City, Utah

678 U. S. Court House West 920 Riverside Avenue Spokane, Washington

SACRAMENTO, CALIFORNIA

AB 2162, Seeley: This bill, which will change several sections of the Public Resources Code dealing with the regulation of geothermal operations, has passed the Assembly 71-0, the Senate 35-0, and is now awaiting the Governor's signature.

SB 834, Alquist: This bill, to appropriate \$100,000 to finance a study of geothermal power production, has apparently died in the Assembly Ways and Means Committee.

EL MONTE, CALIFORNIA

The Envirogenics Company has announced the receipt of a \$145,000 contract from the Department of the Interior's Office of Saline Water to design, build, and operate a pilot desalination unit that will run on geothermal fluids. Tests will be made on simulated brines at the O.S.W. facility at Wrights Beach, North Carolina. Field tests will subsequently be conducted on an actual geothermal well in the Imperial Valley of California.

WOODLAND, CALIFORNIA

The Northern California Chapter of the American Petroleum Institute has announced the fourth printing of "The Geysers Geothermal Field Guidebook." This publication was printed as a reference book for a field trip held in June, 1970. The guidebook contains articles on the history, geology, infra-red studies, geochemistry, drilling, reservoir engineering, and power plant construction at The Geysers and in other areas.

It is the first time that a comprehensive selection of articles on The Geysers has been published under a single cover. A revised map of the area is also included. The price of the guidebook, including postage, is \$3.50. To obtain a copy write: Northern California Chapter of the American Petroleum Institute, Box 541, Woodland, California 95695.

THE GEYSERS GEOTHERMAL FIELD

Magma Power Company, Thermal Power Company, and Union Oil Company of California have completed the world's largest known geothermal steam well at The Geysers' Geothermal field, 80 miles north of San Francisco. The well, which reached a total depth of 4,400 feet, can pro-

the 386,000 pounds of superheated steam per hour, equivalent to 18,000 kilowatts of electrical energy.

CHINA LAKE, CALIFORNIA

Carl F. Austin has announced the availability of a new geothermal publication entitled: eothermal Science and Technology, a National Program." The documents outlines a national program studying the various types of geothermal systems. Included are aerial photos, aerial mosaics, maps, cross sections, and block diagrams of the various geothermal cells. To obtain a free copy, write: Naval Weapons Center, China Lake, California 93555. A REAL MARKEN STREAM ete de la s

BOULDER CITY, NEVADA

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Robert T. Littleton, Regional Geologist, Region 3, U. S. Bureau of Reclamation, will present a co-authored paper at the national meeting of the Association of Engineering Geologists in Portland, Oregon, on October 21, 1971. The paper is entitled: "Hydrogeology and Heat Flow in the East Mesa Area of the Imperial Valley, California," by Dr. James Combs and R. T. WMAGE MADE 1 Littleton. t gitte b

MONO LAKE THE STATE OF THE STAT Geothermal Resources International, Inc., spudded their exploratory well, "State PRC 4397.1" 1, Section 17, T. 1 N., R. 27 E., M.D.B. & M., on September 13. A total depth of 4,110 feet was reached on September 25, and a comprehensive set of logs was run. Temperatures and gradient recorded were disappointing, and the well was plugged and abandoned. G.R.I. made a commendable contribution to science by donating 5 hours of rig time to the U.S.G.S. for the running of an additional temperature survey. 0.610 the starting of the start of the

The construction of the state o Getty 011 Company still plans to spud an exploratory well, "State PRC 4572.1" 23-1, Section 23, T. 2 N., R. 26 E., M.D.B. & M., on the north shore of the lake near the southeast side of Black Point. The company has received the approval of all the concerned agencies, inluding the Mono County Planning Commission, and is proceeding with the grading of the location and access roads.

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Eureka Magma Explorers spudded their first wildcat well, "Eureka-Magma" 1, Section 28, T. 13 N., R. 8 W., M.D.B. & M., on October 2 and are now drilling ahead below 3,500 feet. an egg

Dr. Hamilton Hess, Professor of Theology at the University of San Francisco and a part-time resident of Cobb Valley, has accepted the appointment of the Sierra Club to the Geothermal Resources Council. Dr. Hess has been an active member of the Lake County Geothermal Control Council, and his membership should be a real asset to the G.R.C.

IMPERIAL VALLEY

The Imperial Valley Subsidence Detection Program will be officially under way with the commencement of surveying on first- and second-order nets about November 1, 1971. Robert Estes of the County of Imperial--phone (714) 352-2851--is the field coordinator. Follwing is a list of participants and the nets they are responsible for:

1.	National Geodetic Survey*	130 miles	aig:	first order
2.	County of Imperial	70 + miles	#70	second order
3.	Imperial Irrigation District	70+ miles	ens.	second order
4.	Bureau of Reclamation	$70\pm$ miles	829	second order

Cooperatively funded by the County of Imperial, California Department of Water Resources, California Division of Mines and Geology, and California Division of Highways.

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EAST MESA KNOWN GEOTHERMAL RESOURCES AREA (K.G.R.A.)

The U.S.G.S. has delineated the East Mesa K.G.R.A., which is located in the Imperial Valley f California. Sections, townships, and ranges of this area were published in the "Federal Register" on October 5, 1971. An addendum page for the "Special K.G.R.A. Issue" of the "Hot Line" is included with this issue.

MEXICALI, MEXICO

It has been reported that the Mexican government is planning to hold a geothermal symposium in Mexicali sometime after the first of the year. The symposium will probably include the presentation of papers and a field trip to the Mexican geothermal field at Cerro Prieto.

GEOTHERMAL RESOURCES COUNCIL

The Steering Committee of the Geothermal Resources Council met for the second time on September 24, 1971, in Olympia, Washington. Richard Bowen of the Oregon Department of Geology and Mineral Industry was elected as the first G.R.C. General Chairman. The Steering Committee was converted into the Executive Committee with all officers retaining their positions.

The council will hold its first general meeting in El Centro, California, on February 16, 17 and 18, 1972. The meeting will be held at the Imperial Valley College which is located just east of town. On the first day, a general meeting will be held which will include speakers from government and private groups. Papers of a more technical nature will be presented on the second day. Either a field trip or the Mexican symposium, if it takes place (see MEXICALI, MEXICO - this issue), is on the agenda for the third day.

The Chairman for the February meeting is: Robert Bates, State of Washington, Department of Matural Resources, P. O. Box 168, Olympia, Washington 98504, phone (206) 753-5330.

Preregistration is being handled by: Sam Dermengian, Citrus College, Business Education Department, Azusa, California 91702, phone (213) 335-0521. The registration fee is \$10.

1.12.56 Watch the "Hot Line" for additional information concerning the Geothermal Resources Council and the El Centro meeting.

HELICAL SCREW EXPANDER

The Hydrothermal Power Company of Pasadena, California, has announced a new system for the utilization of geothermal fluids to generate power. This system includes the use of a helical screw expander which functions as a turbine but operates on fluids that are not dry steam.

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The noted advantages of a helical screw expander are as follows:

1. Operates on any fluid under pressure.

. Accepts large amounts of particulate matter and dissolved solids. 이 말하고, 전문 것이 가지 않는다.

- 3. Holds mineral deposition to a minimum because the meshing screws are self cleaning.
 - 4. Operates at a low speed, thus reducing high radial load and balance problems.
 - 5. Operates efficiently over a wide range of power loads at a constant speed.
- 6. May be applied to a wide range of geothermal fluid inlet conditions.
 - 7. Produces typical efficiencies with a range of 70 percent.

This system has reportedly been tested for 24 hours at the Cerro Prieto steam field in Mexico. An extended test is being planned for the near future.

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for additional information, contact: Roger S. Sprankle, Hydrothermal Power Company, Ltd., 2051 Woodlyn Road, Pasadena, California 91104. Margaret Strapes

GEOTHERMAL RESOURCES BOARD - SACRAMENTO

The State Geothermal Resources Board met on September 17, 1971, in Sacramento. The board was briefed on the present status of geothermal activity in California by representatives of several agencies. The board also requested that a Technical Advisory Committee be formed.

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The Technical Advisory Committee met for the first time on October 13, 1971. Jim Koenig, Division of Mines and Geology, was elected Chairman; Larry James, Department of Water Resources, Vice Chairman; and David Anderson, Division of Oil and Gas, Secretary. The boundaries of the first state Geothermal Resources Area, Honey Lake, were discussed at length. It was decided that the Division of 011 and Gas, the State Lands Division, the Department of Water Resources, and the Division of Mines and Geology would study the matter further and report at the next meeting.

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WASHINGTON, D. C.

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Senate Bill 564, introduced by Senator Packwood of Oregon (et al), is now in the Senate Senate Bille 504, introduced by benator racendos of the Sole of the "Hot Line" for a description of the bill). price of the

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net bronn and NON-COMPETITIVE GEOTHERMAL OFFERS "REJECTED" IN MASS BY B.L.M. 100

The Director, B.L.M. has instructed the various land offices to return All non-competitive geothermal offers to the respective applicants together with an explanation to these applie the cants that their offers may be refiled during the simultaneous filing period that will be provided for when the final version of the proposed regulations re-published. This order does NOT affect those preference rights applications filed pursuant to the grandfathers clause in the Act itself (Cullen's Oil Lease Information Service),

Direct all correspondence to:

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地理話記録 で 地位 日子 アイト encog v la chana Geothermal Hot Line

Division of Oil and Gas 1416 - 9th Street, Room 1316 Sacramento, CA 95814

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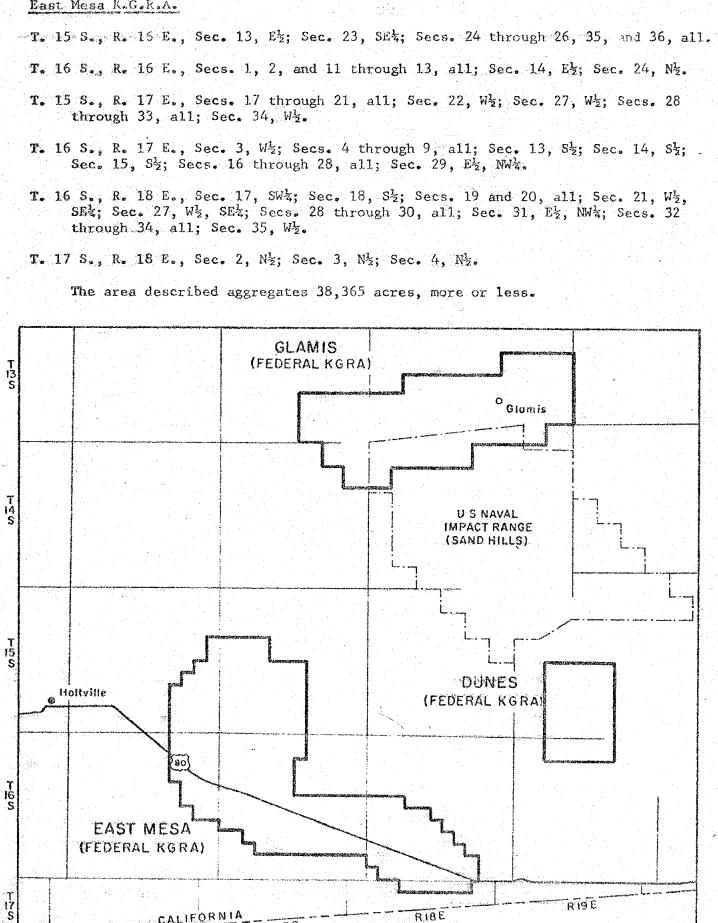
If you wish to submit a newsworthy item, please make it as concise and complete as possible and include your name, address, and phone number. Ś. ż. ad an in the t

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East Mesa K.G.R.A.



CALIFORNIA _____ RIGE

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GEOTHERMAL COURSE

The Division of Oil and Gas is organizing a short course entitled, "Introduction to the Study of Geothermal Resources," to be held in the Sacramento area. The course is tenta-tively scheduled for the week of December 6, 1971.

During the program, both known and probable geothermal resource distribution throughout the world will be examined. Geological, geochemical, and geophysical methods in mapping out probable geothermal areas will be considered. Case histories of various exploratory techniques illustrating procedures necessary for evaluating, developing, and using geothermal resources will also be studied.

The course instructor, Dr. Jim Combs, is an Assistant Research Geophysicist at the University of California, Riverside. He received his Ph.D. in geophysics from the Massachusetts Institute of Technology in 1970 and is co-author of two works on terrestrial heat flow.

Course meetings are tentatively scheduled for 9:30 - 11:30 a.m. and 1:30 - 4:30 p.m. on December 7, 8, 9, and 10. Exact location will be announced at a later date.

Cost will depend on the number of participants but will probably not exceed \$60 per person.

The total number of attendees may be limited and reservations will be accepted on a firstcome, first-serve basis. Reservations <u>must</u> be received by the Division <u>no later</u> than November 19, 1971.

not send any money now; course fees will be announced on or about November 26 and will we collected at the first meeting.

Send your requests for reservations to:

Geothermal Operations Division of Oil and Gas 1416 - 9th Street, Room 1316 Sacramento, California 95814

or call: Dave Anderson or Larry Axtell at (916) 445-4738.

GEOTHERMAL RESOURCES COUNCIL EL CENTRO MEETING FEBRUARY 16, 17, & 18. 1972

LIST OF MEETING DIRECTORS

LODGING, FOOD FACILITIES, AND AUDIO VISUAL

Mike O'Donnell Geothermal = Kinetics 301 W. Indian School Road Phoenix, Arizona 85013 (602) 248-0202

MEMBERSHIP

Bob Greider Standard Oil Co. of California 225 Bush Street San Francisco, California 94104 (415) 434-7700

PUBLIC RELATIONS

Bob Bates Washington Department of Natural Resources P. O. Box 168 Olympia, Washington 98504 (206) 753-5330

FIELD TRIP TO MEXICO David N. Anderson Division of Oil and Gas 1416 - 9th Street acramento, California 95814 (916) 445-9686

REGISTRATION AND EXHIBITS Sam Dermengian Business Education Department Citrus College Azusa, California 91702

(213) 335-0521

GROUND TRANSPORT - EL CENTRO John Kilkenny Union Oil Co. of California P. O. Box 7600, Terminal Annex

Los Angeles, California 90054 (213) 482-7600

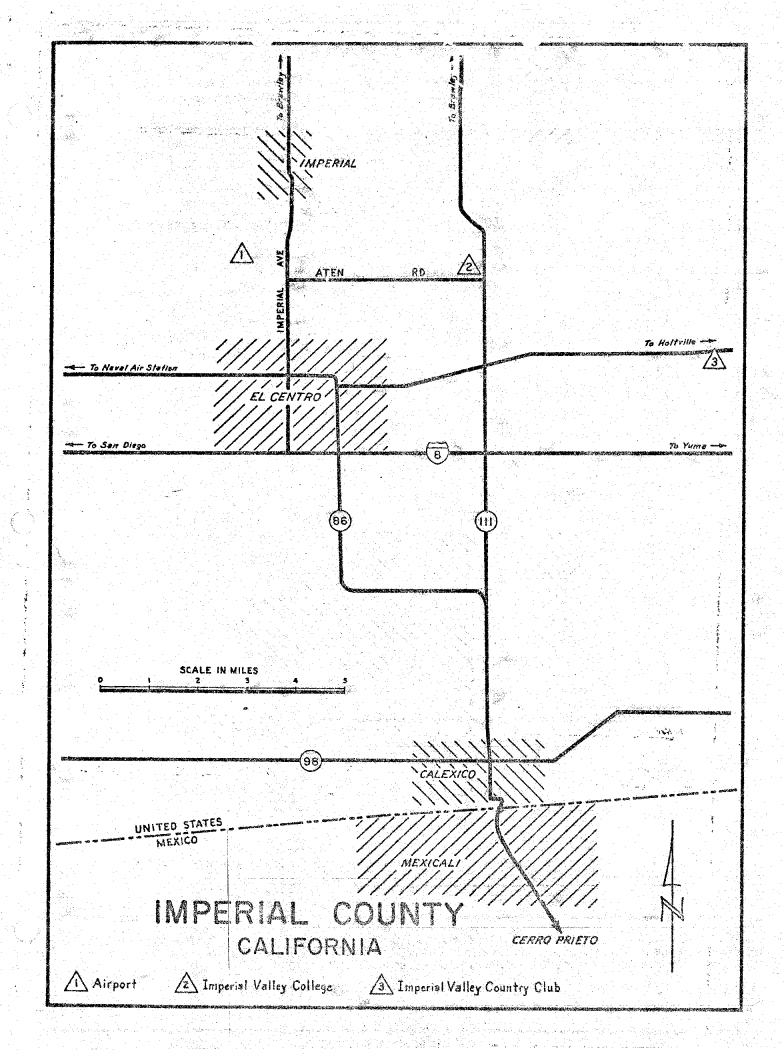
GENERAL PROGRAM

Dick Bowen Oregon Department of Geology and Mineral Industries 1069 State Office Building Portland, Oregon 97201 (503) 229-5580

\$4.00

	EL	CENTRO	AREA MOTELS			
				Suite	ality te	
	Single Single	Double 1 bed	Double 2 beds		Hospitality Suite	
Airporter Inn (714) 355-2411	\$8.00	\$11.00	\$11.00		Yes	Room Deposit - \$8.32 required
Astro Motel (714) 352-0321	\$9.00	\$11.00	\$13.00		\$11.00	Room Deposit - \$9.45 required
Fabulous Inns of America (714) 352-6431	\$9.00	\$11.00	\$13 . 00			Room Deposit - \$9.45 required
Holiday Inn of El Centro (714) 352-5152	\$11.00	\$14.00	\$16.00	\$20 . 00	\$30.00	Room Deposit - \$10.00 required. Queen size bed, \$2.00 extra
Imperial Valley Country Club and Motel (714) 356-2806	\$14.00	\$16.00	\$18.00		Yes	Room Deposit - \$10.00 required. Nonresident green fees,

EL CENTRO AREA MOTELS



PROGRAM OF EVENTS GEOTHERMAL RESOURCES COUNCIL EL CENTRO CONFERENCE FEBRUARY 16, 17, AND 18, 1972

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TUESDAY, FEBRUARY 15

3:00 p.m.	Registration, Room 202, Holiday Inn, El Centro		
8:00	Geothermal Resources Council, Executive Committee Meeting speakers invited. Imperial Irrigation District, Board of Directors Building, El Centro - Robert Bates presiding		
	WEDNESDAY, FEBRUARY 16		
	Morning Session		
7:00 a.m.	Registration in the foyer, Imperial Valley Country Club		
	General Session		
	Richard Bowen Presiding Imperial Valley Country Club, Assembly Room		
8:00 - 9:15	Opening Statement and Welcoming Addresses		
	Richard Bowen, Chairman, Geothermal Resources Council Economic Geologist, Oregon Department of Geology and Mineral Industries		
	James G. Stearns Director of the Department of Conservation, State of California		
	Bert L. Cole Commissioner of Public Lands, State of Washington		
9:20 - 10:05	Worldwide Review of Geothermal Exploration and Development		
	James Koenig Executive Officer, Division of Mines and Geology, State of California		
10:05 - 10:25	Complimentary coffee in the lounge		
10:25 - 11:05	Federal Geothermal Leasing and Operating Regulations and Environmental Impact Statements		
	Reid Stone Geothermal Coordinator, Department of the Interior		
11:10 - 11:55	U.S.G.S. Research in Geothermal Resources		
	Dr. Patrick Muffler Coordinator U.S.G.S. Geothermal Resources Program		
12:00 - 12:30 p.m.	Preparation for lunch		
12:30 - 2:00	Lunch		

	Luncheon Speaker
	Environmental Priorities, Human Needs, and Geothermal Power
	Dr. Hamilton Hess Sierra Club Representative
2:00 - 2:15	Travel to Imperial Valley College
	Afternoon Session
2:20 - 2:30	<u>Welcome to Imperial Valley College</u>
	Buck Paoli Dean of Instruction, Imperial Valley College
2:35 - 3:15	Review and Discussion of Geothermal Exploration Techniques
	Dr. Jim Combs University of California, Riverside
3:20 - 4:00	Flashed Steam Power Plants
	Jorge Guiza L. Jefe del Departamento de Recursos Geothermicos, Comision Federal de Electricidad, Mexico
4:05 - 4:45	Dry Steam Power Plants
	John Finney Pacific Gas and Electric Company
5:00 -	Exhibits
	Evening Activities
7:30 p.m.	Icebreaker cocktail party, no host
8:30 - 9:45	Banquet at the Holiday Inn
	Banquet Speaker
	Review of Some of the Legal Problems in Geothermal Development
	Joseph Aidlin

Aidlin, Martin, and Mamakos

THURSDAY, FEBRUARY 17

Morning Session

Imperial Valley Country Club

7:00 a.m.

Late registration

OVERVIEWS OF THE WESTERN UNITED STATES IN RESPECT TO GEOTHERMAL EXPLORATION AND DEVELOPMENT

7:30 - 7:50 California

Lawrence Axtell State Division of Oil and Gas

7:55 - 8:15 Bureau of Reclamation - Imperial Valley Project

R. T. Littleton Regional Geologist, et al.

8:20 - 8:40 Arizona

Dr. John Harshbarger University of Arizona

8:45 - 9:05 Oregon

Richard Bowen Oregon Department of Geology and Mineral Industries

9:10 = 9:30 <u>Washington</u>

Vaughn Livingston Washington Division of Mines and Geology

- 9:30 9:50 Coffee in the lounge, compliments of the Geothermal Resources Council
- 9:50 10:10 New Mexico

Kelly Summers New Mexico Bureau of Mines and Mineral Resources

10:15 - 10:35 Wyoming

Dr. Edward Decker University of Wyoming

10:40 - 11:00 Idaho

Dr. Mont Warner Boise State College

11:00 - 11:25 Utah

William Hewitt Utah Geological and Mineral Survey

11:30 - 12:00 Preparation for lunch

12:00 - 1:20 p.m. Lunch

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	Afternoon Session
1:20 - 1:45	Travel to Imperial Valley College
2:30 - 2:50	<u>Nevada</u>
	Larry Garside Nevada Bureau of Minessand Geology
2:55 - 3:15	Montana
	Cliff Balster Montana Bureau of Mines
3:20 - 3:40	<u>Colorado</u>
	Richard Pearl Colorado Geological Survey
3:45 - 4:00	Summary of state overviews
4:00 - 4:15	Break
4:15 - 5:15	Subcommittee meetings
	Evening Activities
):00 p.m.	Geothermal Resources Council, Executive Committee Meeting Speakers invited. Room 202, Holiday Inn.

FRIDAY, FEBRUARY 18

Field Trip to Cerro Prieto, Mexico

7:30 a.m. Assemble and travel to Gerro Prieto steam field. The means of transportation to the border will be announced at the conference. Transportation from the border to the geothermal field will be provided. Our host, the Comision Federal de Electricidad, Division Baja California, will be providing tour guides and lunch.

> Arrival back to the border should be between 3:30 and 4:00 p.m. Approximate arrival time in El Centro will be about 4:45 p.m.

MAY WE REMIND YOU:

Checkout time at most motels is 1:00 p.m. Baggage storage will be provided at the motels for those who wish to check out before the trip. All luggage must be tagged. Wear good, sturdy shoes on the field trip as the ground at Cerro Prieto is soft and uneven. CEOTHERMAL RESOURCES COUNCIL EL CENTRO CONFERENCE FEBRUARY 16, 17, AND 18, 1972

REGISTRATION FORM

Please print or type:	에는 그렇는 것, 같은 것은 것을 가지 않는 것을 하는 것을 가지 않는 것을 가지 않는 것을 가지 않는다. 이 같은 것은
Name	Firm or School
Address	City
Title	Phone Number
 Registration fee (\$10.00) Make check payable to "Geothermal Res 	sources Council."
 Banquet featuring prime rib at the Ho February 16, 1972. (\$7.00 per person Yes No 	oliday Inn in El Centro, a - limit 250 persons)
3. Cerro Prieto field trip (\$5.00 per per la will attend: Yes No The trip includes transportation to a Lunch will be provided by the Mexican	and from the field and a guidebook.
4. We have reserved blocks of rooms at until the 10th of January. You must with the motels prior to this date of	make your reservations directly
5. Please indicate if you plan to arriv Number in party	e: by plane by car
NOTE: We expect between 250 to 300 attended atte	ndees at this conference. Do not
If you have already preregistered, pleas the banquet and field trip and mail this order. You may attend one or all of the	form together with a check or money
Send your registration form and remittan	ce to:
Cit	i Dermengian rus College isa, CA 91702