

GLO2859-4 of 5

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Memo 4
NV



Churchill Co.
11/1/77

UNITED STATES
DEPARTMENT OF THE INTERIOR

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

NOV 1 1977

Memorandum

To: Interested Parties

From: ^{Noting} Area Geothermal Supervisor

Subject: Addendum No. 3, Plan of Operation, Occidental Geothermal, Inc.,
Federal Leases N-8496 and N-8497, Allen Springs Area, Churchill
County, NV (Ref: EA #98)

Enclosed please find Addendum No. 3 to Occidental Geothermal, Inc.'s proposed Plan of Operation to drill eleven (11) geophysical observation holes on the above Federal leases, in the Allen Springs area, Churchill County, Nevada.

Barry A. Boudreau

Enclosure

11/1/77
EARTH SCIENCE LAB.



UNIVERSITY OF NEVADA, RENO

NEVADA ARCHEOLOGICAL SURVEY
RENO, NEVADA 89557

October 21, 1977

Dr. Bob Crewdson
Occidental Geothermal, Inc.
5000 Stockdale Highway
Bakerfield, CA 93309

Dear Dr. Crewdson,

On October 19, a thorough, cultural resource reconnaissance was conducted on your eleven proposed drilling sites in the vicinity of Allen Hot Springs. The survey was conducted by myself and a trained volunteer. Drill sites A through K were examined by walking north/south transects within the marked areas together with a brief look at the surrounding ground.

We were pleased to find that all drilling sites except one were devoid of significant cultural remains. This one exception was labeled as drilling site "D" and was found by and on the tufa mound. We noticed many petroglyphs on the major outcrops and an abundance of miscellaneous lithic manufacturing debris such as flakes and cores. A brief archive search revealed that site "D" was recorded by G. L. Grosscup on October 11, 1954 and has Nevada site number 26CH57. The site, of course, should be left undisturbed, and we recommend that you find another drilling site.

The other 10 drilling sites exhibited no surface indications of significant cultural resources, and there is no reason why drilling operations can't take place on them. If however, cultural materials warranting further examination are uncovered, please contact us.

I'd like to personally thank you for providing us with excellent maps and marked points. They allowed us to spend a minimal amount of time locating the points and were really helpful.

Sincerely,

Cameron Covington
Nevada Archeological Survey
University of Nevada, Reno

Occidental Geothermal, Inc.
Allen Springs Prospect
Churchill County, Nevada
Plan of Operations
Addendum #3

RECEIVED

OCT 27 1977

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DEPARTMENT