

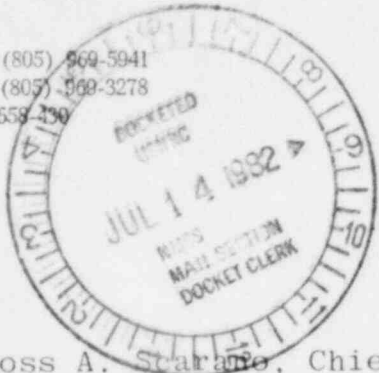
OGLE PETROLEUM INC.

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SANTA BARBARA, CALIFORNIA 93108

June 25, 1982

PLEASE DIRECT REPLY TO:
150 N. Nichols Ave.
Casper, Wyoming 82601



Ross A. Scarano, Chief
Uranium Recovery Licensing Branch
Division of Waste Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

RE: Source Material
License No. SUA-1396,
Docket No. 40-8745

Subject: Mining Unit No. 2
Aquifer Pump Test

Dear Mr. Scarano:

In accordance with the requirements of License Condition No. 61, Ogle Petroleum Inc. (OPI) herewith forwards five (5) copies of a report entitled "Ore-Sand Aquifer Test in Ogle Petroleum Inc. Bison Basin Mining Unit No. 2". This report fulfills requirement "E" of License Condition No. 61. The fee for this submittal was included with the Mining Unit No. 2 baseline data, and other information that fulfilled parts A, B, C, and D of the same License Condition No. 61 (refer to OPI's submittal dated June 8, 1982). License Condition No. 61 is restated below in its entirety for your convenience:

Except for Mine Unit 1, the licensee shall not conduct mining operations in any mine unit prior to NRC review and approval, by license amendment, of the following information for each such mine unit:

- A. *Potentiometric maps indicating premining water level elevations in the upper "B" sand aquifer and the ore zone aquifer;*
- B. *Baseline water quality and water level data for all excursion monitor wells and restoration sampling wells, with proposed UCLs and restoration criteria, respectively, and the basis thereof;*
- C. *Detailed lithologic and spontaneous potential and resistivity geophysical logs for all excursion monitor wells, and representative injection and production wells, including all restoration sampling wells;*



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- D. A detailed map(s) showing the proposed and/or actual locations of all wells associated with the mine units, indicating the type, identification number and completion depth of each well, and also indicating the location, completion depth, and seal and plugging status of all exploration drill holes; and
- E. Results of sufficient aquifer pumping tests, to be conducted as described in the FES Section 4.2, to reliably determine the adequacy of the geohydrologic confinement of the ore zone aquifer from upper and lower water-bearing strata, especially with respect to any fault-related vertical interconnections(s).

The timely review of the enclosed aquifer test report by the NRC staff is vital to OPI's Bison Basin operation. Project economics and production commitments make receipt of authorization to commence mining operations in Unit No. 2 by August 1, 1982 of extreme importance.

If you or your staff have any questions pertaining to the information presented in the aquifer test report or pertaining to the baseline data, please get in touch with me at our Casper office. The importance of receiving authorization to commence mining in Unit No. 2 is of such magnitude that the OPI staff and hydrologic consultant are agreeable to come to your offices to discuss the report and answer any questions.

Sincerely,
OGLE PETROLEUM INC.


Bruce A. Lawson
Environmental Engineer

BAL:me
Enclosure

cc: Document Management Branch, J/Enc.
Mr. Ed Francis - DEQ, W/O Enc.

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