

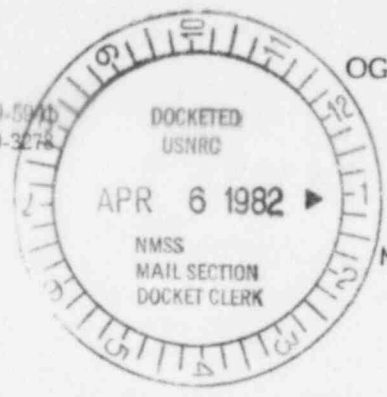
40-8745

PDR

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OGLE PETROLEUM INC.



March 21, 1982



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

Return to
396SS

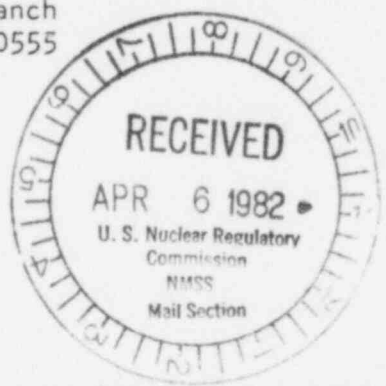
U.S. Nuclear Regulatory Commission
Region IV
Office of Inspection and Enforcement
611 Ryan Plaza Drive Suite 1000
Arlington, Texas 76011

-AND-

U.S. Nuclear Regulatory Commission
Uranium Recovery Branch
Washington, D.C. 20555



RE: Semi-Annual Alara Audit
As Required By License
SUA-1396, Condition 17,
For Period Covering
July 1, 1981 to
December 31, 1981



Gentlemen:

Ogle Petroleum Inc. (OPI) herewith presents the information required in the Semi-Annual ALARA Audit as specified in the referenced License.

EXPOSURE RECORDS (External and Time-Weighted Calculations)

TLD Dosimetry furnished by Eberline does not indicate any trends for identifiable categories in as much as the highest whole body dose for an employee was 27 mRem. Five other employees recorded doses from 13 mRem to 23 mRem. The diversity of job categories of those mentioned (mine manager, two lead operators, two operators, and one mechanic) and the relatively low exposure of these employees makes it difficult to identify any trends.

The time weighted calculations for Radon Gas (Rn 222) do not indicate any trends in personnel exposures for identifiable categories of workers in as much as the Rn 222 concentration is generally below 25% MPC. However, high concentrations were detected whenever the sump pits carried an excessive amount of calcite and radium (49.5% MPC) and whenever a 45 minute filter backwash procedure was implemented (98% MPC). The operators are now cleaning the sump pits more frequently to prevent a build-up of calcite and radium. Plans to install a valve to isolate the filters during the backwash are currently being evaluated.

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TUCSON

Info Only

BIOASSAY RESULTS

Urine Analysis by Technology Laboratories Inc. (Casper, Wyoming) are generally less than 5 mg/l Uranium (natural); however, five samples ranged from 5 to 14 mg/l uranium (natural). These low analyses occurred on different employees throughout the sampling period (July through December 1981) indicating no trend in identifiable exposures.

LOG ENTRIES AND SUMMARY REPORTS OF ALL INSPECTIONS

BY THE RADIATION SAFETY STAFF

Daily walk-through inspections mandated by Condition 16 of the License are being conducted. Discrepancies noted have been corrected. No potentially hazardous situations have been observed.

Weekly and monthly inspection of all work and storage areas are also being completed. The area around the filter area has been a potential contributor to airborne particulate exposure. The preventive measures in effect include training in operation of the filter press, use of protective equipment (rubber gloves, rubber suit, respirator), and a continuous washdown procedure have kept the airborne particulate concentration below 0.10 MPC.

TRAINING PROGRAM ACTIVITIES

All new employees, including supervisors have received the training mandated by Condition 18 of the License. Bi-monthly training has included clean-up of yellowcake and production water spills, general mine hazards, and operating the shriver filter press.

SAFETY MEETING MINUTES AND ATTENDANCE RECORDS

Monthly safety meetings are conducted on two or three days a month to ensure all personnel on all shifts have been instructed in the safety topic of the month.

IN-PLANT RADIOLOGICAL SURVEY AND SAMPLING DATA

Data indicates monthly surveys were conducted in accordance with License Condition 22 with the exception of air particulate sampling for September and October 1981. A problem with the sampling equipment occurred but was quickly corrected. Documentation for operationally checking the MS-3/SAC R-5 with a source before use was not always provided prior to October 1981. As of November 1981, all aspects of License Condition 28 are being complied with.

ENVIRONMENTAL RADIOLOGICAL EFFLUENT AND MONITORING DATA

Monthly radiological effluent samples for Radon Gas (Ra 222) are all below 25% MPC. Due to the low levels, no trends have been revealed.

REPORTS ON OVER EXPOSURE SUBMITTED TO NRC, MSHA, OR THE STATE

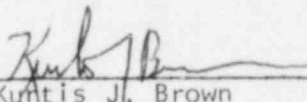
No over exposures have occurred at the mine site.

REVIEWS OF OPERATING AND MONITORING PROCEDURES
COMPLETED DURING THIS PERIOD

There have been no reviews during this period.

REVIEW OF SPECIAL WORK PERMITS (SWPs) WHICH REQUIRED
THAT ADDITIONAL RADIOLOGICAL MONITORING AND SAMPLING BE PERFORMED

One SWP was initiated in October 1981. All required special sampling necessary was completed with indicated no exposure in excess of normal work conditions occurred.



Kurtis J. Brown
Radiation Safety Officer

KJB:me