

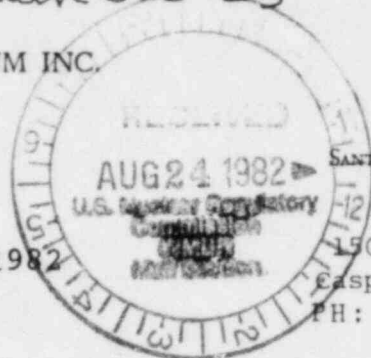
PDR-Return 396-55

40-8745

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OGLE PETROLEUM INC.

TELEPHONE (805) 969-5941  
TELECOPIER (805) 969-3278  
TELEX No. 658-430



P.O. Box 5549  
559 SAN YSIDRO ROAD  
SANTA BARBARA, CALIFORNIA 93108

August 12, 1982

PLEASE DIRECT REPLY TO:  
150 N. Nichols Avenue  
Casper, Wyoming 82601  
PH: (307) 266-6456

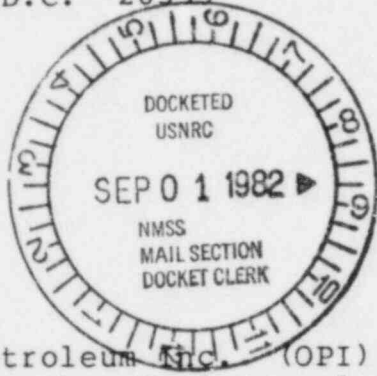
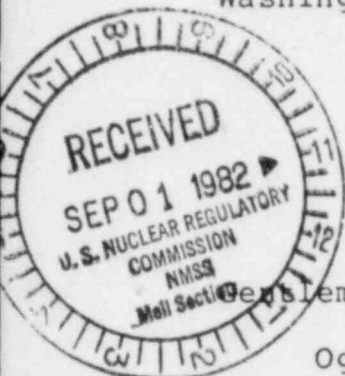
U.S. Nuclear Regulatory Commission  
Region IV  
Office of Inspection and Enforcement  
611 Ryan Plaza Drive Suite 1000  
Arlington, Texas 76011

RE: Docket No. 40-8745  
License No. SUA-1396

-AND-

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

RE: Semi-Annual ALARA Audit  
as Required by License  
No. SUA-1396, Condition  
No. 17, for Period Cover-  
ing January 1, 1982  
through June 30, 1982



Perlemen:

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 provided by Eberline does not indicate any  
trends for identifiable categories of workers in as much as only  
three incidents of exposure were recorded during this reporting  
period. These exposures were as follows: Office person, 14  
mRem; Operator, 19 mRem; and Lead Operator, 61 mRem.

The time weighted calculations for Radon Gas (Rn 222) do not  
indicate any trends in personnel exposure for identifiable  
categories of workers. The Radon Gas concentration has been below  
25% MPC during this reporting period.

Bio-assay Results

Urine analysis by Technology Laboratories Inc. (Casper,  
Wyoming) indicate concentrations of less than 5 ug/l except for  
the following incidents:

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- 1) On February 11, 1982, Technology Laboratories Inc. reported three employees with analyses of uranium (natural) in excess of 15 ug/l. Resampling to confirm the analyses was initiated on February 12, 1982 for two employees and February 13, 1982 for the other employee. The resample results were as follows: 9 ug/l each for the employees with the 54 ug/l and 16 ug/l samples, and less than 5 ug/l for the employee with the 160 ug/l sample (an additional sample for albuminuria tested negative by the Lander Medical Clinic). The initial samples were collected by the Safety and Radiation Protection Engineer during working hours instead of prior to start of shift. This action resulted in the probable contamination of the sample cups. All successive samples have been collected prior to start of shift.
- 2) Five samples in excess of 5 ug/l ranged from a low of 7 ug/l to a high of 13 ug/l during this reporting period. These samples were collected during various months from different employees. Due to the small number of samples, no trends can be determined at this time; however, the employee who had the 54 ug/l analysis (see incident one) also had two (8 ug/l and 13 ug/l) of the above analyses. Since this person is no longer employed by OPI, monitoring to determine whether a trend is developing cannot be accomplished.

Log Entries and Summary Reports Of All Inspections  
By The Radiation Safety Staff

Daily walk-through inspections mandated by License Condition 16 are being conducted. Discrepancies noted have been corrected.

Weekly and monthly inspection of all work and storage areas are also being performed.

Training Program Activities

All employees have successfully completed the MSHA annual refresher training and annual retraining mandated by License Condition 18. Bi-Monthly training includes: Alpha monitoring, basic health physics, and importance of urine analysis.

Safety Meetings And Attendance Records

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

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In-Plant Radiological Survey And Sampling Data

All monthly surveys were conducted in accordance with License Condition No. 22. Frequent washdown procedures and good housekeeping have kept the radioactive airborne particulate concentration below 0.10 MPC.

Environmental Radiological Effluent And Monitoring Data

Monthly radiological effluent samples for Radon Gas are all below 25% MPC. No trend has been identified.

Reports On Overexposure Submitted to NRC, MSHA, Or State

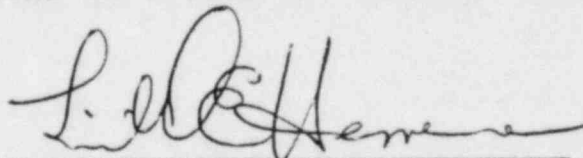
No overexposures have occurred at the Bison Basin Mine Site.

Review Of Operating And Monitoring Procedures  
Completed During This Period

There have been no reviews during this period.

Review Of Special Work Permits (SWP's) Which Require  
That Additional Radiological Monitoring And Sampling Be Performed

Three SWP's were issued during this reporting period. All sampling indicated no concentrations in excess of normal work conditions.



Trinidad E. Herrera  
Safety and Radiation  
Protection Engineer



Kurtis J. Brown  
Radiation Safety Officer

KJB:me

cc: Document Management Branch ✓

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