

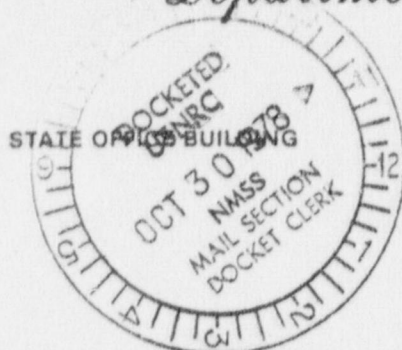


## Department of Environmental Quality

## LAND QUALITY DIVISION

TELEPHONE 307-777-7756

CHEYENNE, WYOMING 82002



October 23, 1978



Dr. R. Cooperstein  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Dr. Cooperstein:

In response to your phone inquiry regarding stage of progress with the Ogle Petroleum Inc., Bison Basin project, I enclosed the following materials:

1. Approval letter, September 6, 1978, authorizing Ogle to proceed ~~with a step-by-step sampling procedure~~ leading to ultimate injection and restoration.
2. Herlihy memo of October 10, 1978 indicating approval of item 3 below.
3. Abbreviated sampling species list contained in a Catchpole to LQD letter of October 3, 1978.

According to the approved plan, Ogle will provide the LQD with the restoration values (tentative); excursion indicator values (tentative); and a determination of value for "significant increases" in excursion indicators before injection commences. These values may be modified if the analyses for the sampling rounds to be collected per the approved abbreviated list, (item 3) warrant any changes.

Sincerely,

*Ed Francis*

Ed Francis  
Environmental Specialist  
District III

EF/db

cc: Glenn Cathpole  
Dan Herlihy

11103

7811130434

*Department of Environmental Quality*

## LAND QUALITY DIVISION

STATE OFFICE BUILDING

TELEPHONE 307-777-7756

CHEYENNE, WYOMING 82002

September 6, 1978

Mr. Glenn Catchpole  
Project Manager  
Ogle Petroleum, Inc.  
150 North Nichols  
Casper, WY 82601

RE: License to Explore No. 38, Bison Basin Project

Dear Glenn:

This letter notifies you that your Bison Basin Project proposal has been approved with the following stipulations:

1. Before injection, Ogle Petroleum will furnish LQD a tentative table of restoration values, and a tentative excursion indicator table, said tables subject to modification after further sampling results are received. Ogle <sup>you designate</sup> as to what values determines a "significant increase" for excursion parameters. Final table values will be inserted into the application as soon as possible.
2. This modification approval will have a life of one year, to September 6, 1979.
3. Reference to item 16, July 27, 1978 Response. Well completion information shall accompany data on water quality baseline sample wells.
4. Reference to memo of July 31, 1978 regarding roads.

Stipulation is now avoided concerning the different nitrogen values and cumulative N value because Ogle broadly agrees, on page 5D revised, to LQD evaluation and determination as to acceptability of the restoration program.

Stipulation is also avoided on disposal of radioactive residue because Ogle agrees to burial at a site "location approved by the LQD". Thus failure to approve a burial site could, if necessary, require tailings pond disposal.

Sincerely,

*Ed Francis*

Ed Francis  
District III Engineer

MEMORANDUM

TO FILE: Ogle Petroleum, Bison Basin Project, License to Explore No. 38  
FROM: Dan Herlihy, Hydrogeologist /DH  
DATE: October 10, 1978  
SUBJECT: Abbreviated Parameter List for Baseline Water Quality

The abbreviated water quality parameter list to be used for the remainder of the baseline sampling program for the Bison Basin uranium solution pilot test is acceptable. Ogle Petroleum has been informed of this determination.

DH:sh  
cc: Ed Francis



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

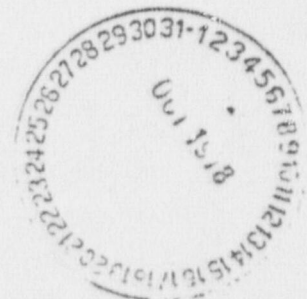
Please Direct Reply to:  
Ogle Petroleum Inc.  
150 North Nichols Avenue  
Casper, WY 82601

Mr. Edward Francis  
Environmental Specialist, District III  
Division of Land Quality  
Department of Environmental Quality  
Hathaway Building  
Cheyenne, WY 82002

Dear Ed.

Based upon the enclosed data, OPI proposes that the abbreviated list consist of the following:

Magnesium  
Potassium  
Sodium  
Sulfate  
Iron  
Lead  
Selenium  
Zinc  
Total Dissolved Solids  
Uranium  
Radium 226



Mr. Edward Francis  
Re: License to Explore No. 38

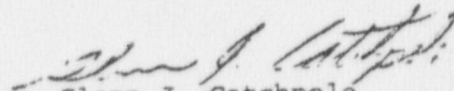
Page 2  
October 3, 1978

If this abbreviated list is acceptable to the Land Quality Division, OPI will so notify the commercial laboratory performing the water quality analyses.

Please get in contact with me at our Casper office if you have any questions concerning the enclosed data.

Sincerely,

OGLE PETROLEUM INC.

  
Glenn J. Catchpole  
Project Manager

GJC/sg

cc: W. R. Merrill, Santa Barbara  
H. P. Miller, Tucson

Encls.