STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES
SUITE 380 LOGAN TOWER BUILDING
1580 LOGAN STREET
DENVER, COLORADO 80203

(303) 866-3531

WILLIAM R. SMITH
Director

FRANK J. PIRO
Deputy Director

RICHARD D. LAMM
Governor

September 20, 1985

Mr. Thomas G. Smith
Petroleum, Inc.
P.O. Box 60
Casper, WY 82602-0060

Re: Saltwater Disposal Application
Buczkowskyj #3-X, Sleeper Field
NW SE Sec. 22-12N-56W
Weld County, Colorado

Dear Sir;

It has been brought to our attention by the Colorado Division of Water Resources that the surface casing (set at approximately 280') in the proposed Buczkowskyj #3-X disposal well is set 355 feet above known and potential water yielding zones of the White River and Fox Hills Formations. In order to obtain final approval of your disposal application it is required that you cement squeeze the interval 635 feet to the base of the surface casing (approximately 280 feet) in the subject well. Upon completion, submit details of the work performed on our Form 4 (Sundry Notice).

If you have any questions or require clarification of our position, please feel free to contact me or Larry Robbins.

Very truly yours,

Ed DiMatteo

Ed DiMatteo
Supervising Petroleum Engineer

ED/lr/ck

RICHARD D. LAMM
Governor

JERIS A. DANIELSON
State Engineer

OFFICE OF THE STATE ENGINEER
DIVISION OF WATER RESOURCES

1313 Sherman Street-Room 818
Denver, Colorado 80203
(303) 866-3581

September 19, 1985

Mr. Ed DiMatteo
Colorado Oil and Gas Conservation Commission
Logan Tower Building, Room 388
1580 Logan Street
Denver, Colorado 80203

Dear Ed:

With respect to an application to convert #3-X Buczkowskyj No. 3-X well in the NW1/4, SE1/4, Section 22, Township 12 North, Range 56 West, Weld County, Colorado, to an injection well, we have the following comments:

Known aquifers in the area are all surficial deposits, the White River Group, and Laramie and Fox Hills sandstones. A potential aquifer is a 50 to 60 foot bed of sandstone siltstone in lower Fox Hills strata or uppermost Pierre Shale.

Surficial aquifers in the area occur only slong the bases of "sizeable" canyons or draws where thickness of such material might reach 10 to 20 feet. Strata of the White River Group underlie all of this region's flat topped to knobby mesas and most shallow valleys. In the subject well White River strata extends to a depth of 420 feet. In T12N, R56W all water wells in the 200 to 350 foot range probably tap White River strata. Laramie and Fox Hills sandstones occur to a depth of 530 feet in the subject well, and a potentially good water yielder in lower Fox Hills or upper Pierre Strata occurs between the interval 635 - 720 feet. Compare with #1 Haberman log . . . copy enclosed.

The accompanying map shows the approximate location of water wells in the area. Surface drainage northeast. There are no surface water rights in the vicinity.

Mr. Ed DiMatteo
September 19, 1985

The log of #3-X Buczkowskyj reveals cemented surface casing extends to a depth of about 280 feet. This is 90 feet above the base of the White River group, about 110 feet above Laramie and Fox Hills sandstones, and 355 feet above the lower Fox Hills - upper Pierre body.

Under these circumstances, I suggest you deny the application.

If you have any questions please contact me.

Your very truly,

John Romero
Supervising Water Resources Engineer

JR:pt/5717H

Enclosures