

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

December 8, 1988

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE NEW MEXICO 87501
(505) 827-5800

James K. Anderson, Inc.
Stone Tower, Suite 325
13760 Noel Road
Dallas, Texas 75240

Attention: Mr. Mark Rainer

Re: Wishbone Well No. 1
Sec. 1, T-4-S, R-3-E, Socorro County, N.M.
State/Industry Hydrocarbon Source Rock
Geochemistry Program

Dear Mark:

As per our telephone conversation today, I am writing to you to confirm our proposed geochemical program on the above-referenced well. We anticipate on taking 20 canned samples on approximately 100 foot intervals with the following analyses:

- 1) C₁ through C₇; Hydrocarbon Quality Headspace
gas and cuttings gas analyses
- 2) Lithology
- 3) Total Organic Content
- 4) Kerogen Typing
- 5) Pyrolysis: Tmax and Thermal Alteration Index
of Kerogen.

Once this analytical work is completed, this information will be placed into the New Mexico Bureau of Mines Open File system and will be made available to the public. This office will supply you with a copy of this report as soon as it is made available.

Because this well is located on a federal lease, this office and the N.M.B.M.'s staff who are privileged to electric logs, mud logs, DST information, etc. will honor the BLM confidentiality requirements of up to two years if you so desire.

Again, I would like to express our gratitude to you and James K. Anderson, Inc. for your cooperation in assisting with our research endeavors.

I hope to be meeting with you soon in Socorro County on your location.

Sincerely,

A handwritten signature in dark ink, appearing to read "Roy E. Johnson", with a long horizontal flourish extending to the right.

ROY E. JOHNSON,
Sr. Petroleum Geologist

REJ/dr

cc: N.W. Committee Members
Ron Broadhead
Sam Thompson, III