



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
1000 RIO BRAZOS RD. - AZTEC

87410

July 15, 1975

I. R. TRUJILLO
CHAIRMAN

LAND COMMISSIONER
PHIL R. LUCERO
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

Mr. Gordon H. Gray
North American Exploration Corporation
First State Bank Bldg.
Abilene, Texas 79604

Dear Mr. Gray:

You have requested a plugging procedure for your #1 Crosswise well located in Unit M-S31-T23N-R2W, Sandoval County. As you are aware this well is located on federal land and must have approval of the United States Geological Survey. With this in mind I have called Mr. Ed Schmidt at the USGS Office in Durango and he informed me that he had given a tentative plugging procedure for this well to Mr. Larry Bedford some time back. The plan given, with which we concur is as follows:

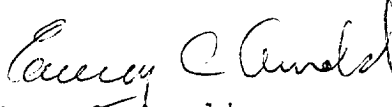
- Plug 1 - 6960-7100, across Dakota perforations
- Plug 2 - 5000-5100, across top of Mancos
- Plug 3 - 4270-4370, across top of Mesaverde
- Plug 4 - 2710-2810, across Pictured Cliff
- Plug 5 - 2400-2500, across base of Ojo Alamo
- Plug 6 - 190-240, across shoe of surface pipe
- Plug 7 - 0-30 to cement marker

If the $4\frac{1}{2}$ casing is not pulled from a depth deeper than the base of the Pictured Cliffs (2810), it will be necessary to perforate the $4\frac{1}{2}$ casing and place cement inside and outside the casing across the Pictured Cliffs zone and also across the base of the Ojo Alamo sandstone. If no $4\frac{1}{2}$ casing is pulled the surface casing, production casing annulus should be squeezed with sufficient cement to reach below the surface casing shoe at 240 feet.

Your intent to plug should be filed with the USGS office in Durango. They will mail us copies.

If you have further questions please contact us.

Yours very truly,


Emery C. Arnold
Supervisor, District #3

ECA/me

cc - USGS, Durango, Colorado
OCC, Santa Fe
Mr. Larry Bedford, Farmington, N. M.