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**Oil Conservation Commission**



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SECRETARY - DIRECTOR

1000 RIO BRAZOS ROAD  
AZTEC  
March 27, 1968

Mr. Marvin Murray  
Kingwood Oil Company  
100 Park Avenue Building  
Oklahoma City, Oklahoma 73102

Dear Mr. Murray:

We have your letter of March 25, 1968, concerning repair of casing leak on your Knauff B #1 well located in the northwest quarter of Section 31, Township 28 North, Range 10 West, San Juan County, New Mexico.

The Oil Conservation Commission did not receive a copy of the notice of intention to repair which you filed with the United States Geological Survey office in Farmington until March 25, 1968, and therefore we were unable to advise you of Commission requirements prior to the time that you conducted the original repair work. Casing corrosion has been a continuing problem in this area and the Commission has attempted to define minimum remedial requirements in the case of casing failure. In cases where failure occurs opposite other producing formations up the hole we require that the hole be squeeze cemented. In cases such as yours, where the only other producing sand up the hole was cemented on the original completion, we have allowed the use of Ken-Pak or other similar products in the casing-tubing annulus in conjunction with a packer above the pay zone. We do however require that the Ken-Pak material be pumped down the tubing and circulated into the annulus from the depth at which the packer is to be set as pumping down the casing-tubing annulus will obviously only place the material to the depth of the hole in the casing, which in the case of your well is unknown. Most previous failures on Dakota wells in that area have been opposite the Menefee formation which in your well is at about 3500 feet.

In view of the above, the Commission will require that the Ken-Pak or similar material be placed in such a manner as to assure that the material is present in the Casing-tubing annulus from the packer to a point above the point of casing failure. This will require that the material be pumped down the tubing and back up the casing-tubing annulus.

We will be glad to discuss proposed methods of accomplishing this with you at any time prior to commencing remedial action.

Yours very truly,

Emery C. Arnold  
Supervisor, District #3

ECA:mc  
cc: USGS, Farmington, New Mexico  
NMOCC, Santa Fe, New Mexico

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