

UNION TEXAS PETROLEUM DIVISION

Corporation

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Mr. A. L. Porter, Jr.
Secretary-Director
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501



Re: Johnston-Federal #4
SE NE Section 33-T31N-R9W
Blanco Mesaverde Field
San Juan County, New Mexico

Dear Sir:

Permission is hereby requested for an exception to sub-paragraph (2), paragraph (d) of Rule 107, Casing and Tubing Requirements for the above captioned well.


Total depth of this well is 5513 feet in the Mancos with plug back total depth of 5370 feet at the base of the Mesaverde. The well is producing through perforations of the 5" liner. The 4-1/2" casing is cemented to the surface inside the 7" casing to alleviate any corrosion problems (see attached diagram).

A recent check of the well for stray current effect was made and none was found.

It is our belief that there will not be any waste caused by this exception but that ultimate recovery will be greater due to the elimination of excessive loss of pressure due to the friction caused by the high withdrawal rate.

At the present time we are producing this well with compressors. Average producing rate with 2-3/8" tubing in the well was 8600 MCFPD with corresponding tubing surface pressure of 324 psig. The tubing was pulled on March 22, 1968, and the well is presently producing 10,500 MCFPD with corresponding surface pressure of 435 psig. These pressures indicate excessive friction pressure with the tubing in the hole which can be eliminated by a tubingless completion.

Yours very truly,


TROY C. SIMPSON
District Production Manager

cc: Mr. E. C. Arnold, Supervisor District III