

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION October 23, 1985



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

HNG Oil Co. P. O. Box 2267 Midland, Texas 79702

Attention: Betty Gildon

Administrative Order TX-158

## Gentlemen:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107(d)(3) for the below-named well.

Pursuant to the authority granted me by Rule 107(d)(4), you are hereby authorized to set tubing at 10,331 feet in the following well:

Well Name and Number: Fort 18 Com., Well No. 1

Unit E, Sec. 18, T-24-S, R-29-E, NMPM, Location: Eddy County, New Mexico

The Division reserves the right to rescind this authority in the event that waste appears to be resulting therefrom.

Very truly yours,

R. L. STAMETS, Division Director

RLS/MES/h

cc: Oil Conservation Division - Artesia



P. O. BOX 2267, MIDLAND, TEXAS 79702 (915) 686

OCT 17 1995

October 14 1985 CONSERVATION DIVISION SANTA FE

Oil Conservation Division P. O. Box 2088 State Land Office Bldg. Santa Fe, NM 87501

Attn: Mr. Joe D. Ramey

Division Director

In Re: Fort 18 Com., Well No. 1

1980' FNL & 895' FWL Sec. 18, T24S, R29E Eddy County, New Mexico

Dear Mr. Ramey:

Tubing for the above-named well has been set at 10,331 feet, and casing perforated from 12,027 to 12,038 feet.

This office request administrative exception to Rule 107d.

Very truly yours,

HNG OIL COMPANY

Betty Gildon

Regulatory Analyst

bg

enclosures



## P. O. BOX 2267, MIDLAND, TEXAS 79702 (915) 686-3600

October 14, 1985

Oil Conservation Division P. O. Box 2088 State Land Office Bldg. Santa Fe, New Mexico 87501

Attn: Mr. Joe D. Ramey

Division Director

Fort 18 Com., Well No. 1 In Re:

Sec. 18, T24S, R29E Eddy County, NM

Dear Mr. Ramey:

There are several reasons why we feel that completions utilizing a TIW Polish Bore Receptable or Insert Seal Assembly is the most advantageous method to complete a well.

- The inside diameter of the seal assembly is the same as the diameter of the tubing. Therefore, there is no restriction that would reduce the size of wireline tools that could be run in the hole.
- The Polish Bore Receptacle has a full bore opening to the liner below it. This allows us to run bridge plugs, retainers, or bits into the liner if necessary.
- The seal assembly PBR hook-up allows for tubing movement while treating the well. It will withstand higher treating pressures during stimulation than would be possible with most other production packers.
- 4. In most of the wells drilled in this area there are several zones of interest. By having the seal assembly stung into the PBR, the lowest zone can be tested and if non-productive, squeezed. The next zone of interest can then be perforated, acidized and tested. All this can be accomplished without pulling the tubing. This can save a considerable amount of time and money.

The Polish Bore Receptacle is run on the top of the liner. The Insert Seal Assembly sets in the tie back sleeve at the top of the liner.

We feel that this Packer system not only saves us a considerable amount of time and money, but also is the most reliable Packer system available. Of the several hundred wells in which HNG Oil Company has utilized this system over the past years, we have had very few failures. If you have any questions, please feel free to give me a call,

Very truly yours,

George M. Louer leg George M. Hover

Petroleum Engineer III

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This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depths shall ducted, including and seem that a plant reported for each zone. The form is to be filed in quintuplicate except on

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