

ENRON

Oil & Gas Company

HNG OIL COMPANY
P. O. Box 2267 Midland, Texas 79702 (915) 686-3600

February 2, 1987

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

Attn: Mr. R. L. Stamets
Division Director

In Re: Madera 32 State, Well No. 3
1650' FSL & 2310' FWL of Sec. 32, T24S, R34E
LG-359 - Lea County, New Mexico

Dear Mr. Stamets:

Tubing for the above-named well has been set at 13,023 feet,
and casing perforated from 13,905 to 13,910 feet.

This office requests administrative exception to Rule 107d.

Very truly yours,

HNG OIL COMPANY



Betty Gildon
Regulatory Analyst

BG

enclosures

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Attn: Mr. R. L. Stamets
Division Director

Re: Madera 32 State #3 (LG-359)
Sec. 32, T24S, R34E - Lea County, NM

Dear Mr. Stamets

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

1. 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.
2. 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.
3. 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. Hover
George M. Hover
Petroleum Engineer III

GMH/bg

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