

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

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

June 25, 1984

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

Attention: Betty Gildon

Administrative Order TX-136

Dear Ms. Gildon:

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 14,033 feet in the following well:

Well Name and Number: Madera 32 State Well No. 2

Location: Unit J, Sec. 32, T-24S, R-34E, Lea County, NM

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

Very truly yours, JOE D. RAMEY, / Division Director

pVZV2005037015

JDR/MES/dp

cc: Oil Conservation Division - Hobbs



P. O. BOX 2267, MIDLAND, TEXAS 79702

(915) 683-4871

February 22, 1984



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Oil Conservation Commission State of New Mexico P. O. Box 2088 Santa Fe, NM 87501

Attn: Mr. Dan Nutter

In Re: Madera 32 State, Well No. 2 Sec. 32, T24S, R34E Lea County, NM LG-359

Dear Mr. Nutter:

Tubing for the above-named well has been set at 14,033 feet, and casing perforated from 15,020 to 15,026 feet.

This office requests administrative exception to Rule 107d.

Very truly yours,

HNG OIL COMPANY

Sillon Betty

Betty Gildon Regulatory Analyst

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enclosures



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

(915) 683-4871



February 22, 1984

Oil Conservation Division State Land Office Bldg. Santa Fe. New Mexico 87501

In Re: Madera 32 State, Well No. 2 Sec. 32, T24S, R34E Lea County, NM LG-359

Attn: Mr. Dan Nutter:

Dear Mr. Nutter:

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.

- The inside diameter of the seal ssembly 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,

Scorge M. Hou

George M. Hover Completion Engineer

Note of constructive Porm C-105 Operation NEW MEXICO OIL CONSERVATION COMMISSION FILE WELL COMPLETION OR RECOMPLETION REPORT AND LOG U.S.G.S. U.S.G.S. LAND OFFICE U.S.G.S. OPERATOR OIL OFFICE OIL WELL GAS WELL Mathematical NEW WELL Day FEB 27 1984 S. Form or Lease Name NEW WORK DEEPEN PLUG DIFF.	ie Fee
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HNG OIL COMPANY OIL CONSERVATION DIVISION 2	
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P. U. BOX 2267, Midland, lexas 79702	MOTTOM
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INSTRUCTIONS

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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 also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate exception state land, where six copies are required. See Rule 1105.

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