



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

March 6, 1985

TONY ANAYA
GOVERNOR

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-148

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 9375 feet in the following well:

Well Name and Number: Fate 34 Well No. 1

Location: Unit N, Sec. 34, T-23-S, R-28-E, NMPM,
Eddy County, New Mexico

Remarks: Recompletion in Atoka Formation, new perforations at 11,628 to 11,635 feet and a PBSD to 11,670 feet.

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 / MS

R. L. STAMETS,
Division Director

RLS/MES/dr

cc: Oil Conservation Division - Artesia

PVZ/2005038058



P. O. BOX 2267, MIDLAND, TEXAS 79702 (915) 683-4871

February 4, 1985

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

Attn: Mr. Joe D. Ramey
Division Director

In Re: Fate 34, Well No. 1
Unit N, 910' FSL & 1980' FWL,
Sec. 34, T23S, R28E,
Eddy County, New Mexico

Dear Mr. Ramey:

Tubing for the above-named well has been set at 9375 feet,
and casing perforated from 11,628 to 11,635 feet.

This office requests administrative exception to Rule 107d.

Very truly yours,

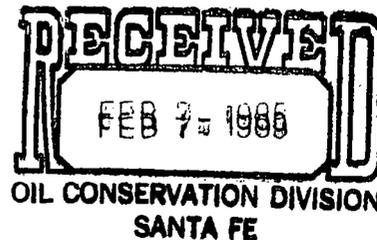
HNG OIL COMPANY

A handwritten signature in cursive script that reads "Betty Gildon".

Betty Gildon
Regulatory Analyst

bg.

enclosures





P. O. BOX 2267, MIDLAND, TEXAS 79702 (915) 683-4871

February 4, 1985

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

Re: Fate 34, Well No. 1
Eddy County, NM

Attn: Mr. Joe D. Ramey
Division Director

Dear Mr. Ramey:

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

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103 - Revised 10-1-

| | |
|------------------------|--|
| NO. OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.O.S. | |
| LAND OFFICE | |
| OPERATOR | |

3a. Indicate Type of Lease
 State Fee
 5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

| | |
|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | 7. Unit Agreement Name |
| 2. Name of Operator HNG OIL COMPANY | 8. Farm or Lease Name Fate 34 |
| 3. Address of Operator P. O. Box 2267, Midland, Texas 79702 | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER <u>N</u> <u>910</u> FEET FROM THE <u>south</u> LINE AND <u>1980</u> FEET FROM THE <u>west</u> LINE, SECTION <u>34</u> TOWNSHIP <u>23S</u> RANGE <u>28E</u> NMPM. | 10. Field and Pool, or Wildcat South-Culebra Bluff Atoka |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3057.9' RDB | 12. County Eddy |

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

| | | | |
|--|---|---|---|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> | CASING TEST AND CEMENT JOB <input type="checkbox"/> | OTHER <u>PB same zone</u> <input checked="" type="checkbox"/> |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1-22-85 - Set SV Easy Drill cement retainer at 11,670'. Squeezed perms 11,683 to 11,768 feet with 50 sacks Class H w/.3% HR-7, .8% Halad 9, mixed at 15.8 ppg. .

1-23-85 - Perforated Atoka 11,628 to 11,635 feet (8 holes, .30")

1-25-85 - Acidized w/3500 gals 7-1/2% Morrow flo BC acid.

1-30-85 - Opened to sales line, FTP 300, CP 1800, Flow rate of 190 Mcf/day, 0 cond., 0 water. PBTD 11,670'. 2-7/8" tubing with PBR at 9375 feet.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Betty Sildan TITLE Regulatory Analyst DATE 2/4/85

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: