ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION P. O. BOX 2088 Santa Fe, New Mexico 87501

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

Attention: Betty Gildon

Regulatory Analyst

Administrative Order TX-108

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 12,723 feet in the following well:

Well Name and Number: Pitchfork 34 Federal Com Well No. 1

Location: NW/4 SW/4, Sec. 34, T-24-S, R-34-E, NMPM Lea County

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

Wery truly yours,

JOE D. RAMEY,

Division Director

JDR/RLS/h

cc: Oil Conservation Division - Hobbs

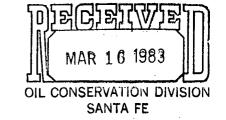
Well File

Minerals Management Service - Roswell



P. O. BOX 2267, MIDLAND, TEXAS 79702

(915) 683-4871



March 14, 1983

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

Attn: Mr. Dan Nutter

In RE: Pitchfork 34 Federal Com., Well No. 1

Sec. 34, T24S, R34E, Lea County, NM

Dear Mr. Nutter:

Tubing for the above-named well has been set at 12,723 feet, and casing perforated from 15,031 to 15,038 feet.

This office requests administrative exception to Rule 107d.

Very truly yours,

HNG OIL COMPANY

Betty Gildon

Regulatory Analyst

bg

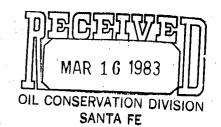
enclosures



P. O. BOX 2267, MIDLAND, TEXAS 79702

(915) 683-4871

March 14, 1983



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

Attn: Mr. Dan Nutter:

Re: Pitchfork 34 Federal Com., Well No. 1

Sec. 34, T24S, R34E, Lea County, NM

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.
- 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. Hour George M. Hover

Completion Engineer

SUBMIT IN DUPLICATE. UNITED STATES DEPARTMENT OF THE INTERIOR

Form approved. Budget Bureau No. 42-R355.5.

(See other instructions on reverse side)

Budget Bureau No. 42-R355.5.

Budget Bureau No. 42-R355.5.

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INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency. or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions,

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments

should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State

or Federal office for specific instructions.

CHMMARY OF BOROUG TONES.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified. for each additional interval to be separately produced, showing the additional data pertinent to such interval,

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

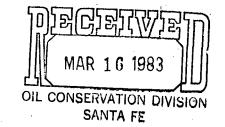
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		тор	
Delaware Mtn. Grp.	0 2850 4055 4392 5090	2850 4055 4392 5090 5670 6685	Surf, Anhy, Lime Anhy, Salt 100% Anhy Anhy, Lime 100% Anhy 100% Sand	Delaware Mtn. Cherry Canyon Cherry Canyon Ma Leonard Bond Springs Lin	Grp. 5322 6288 arker 6510 9085 ne 9233	TRUE VERT. DEPTE
eonard & Bone Springs Olfcamp enn., Strawn &Atok	6685 9735 10415	9735 10415 12385 14090 14147 15435	Lime, Shale, Sand Lime, Chert Lime, Shale, Sand, CHert Lime, Shale Lime, Shale Lime, Sand, Shale	lst Bone Spgs. S Wolfcamp Penn. Strawn Atoka Morrow Lime Morrow Clastics	Sand 10218 12132 13542 13572 13718 14224 14424	
			1001 (1001 - 1000)			



P. O. BOX 2267, MIDLAND, TEXAS 79702

(915) 683-4871

March 14, 1983



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

Attn: Mr. Joe D. Ramey

Secretary Director

In Re: Pitchfork 34 Federal Com., Well No. 1

Sec. 34, T24S, R34E, Lea County, NM

Dear Mr. Ramey:

Please find enclosed copy of a letter to Mr. Dan Nutter dated 3/14/83, requesting an exception to the tubing-setting requirements contained in Division Rule 107(d).

To avoid delay in placing this well on stream, temporary approval of the above-named exception is requested.

Your early attention is appreciated.

Very truly yours,

HNG OIL COMPANY

Betty A. Gildon Regulatory Clerk

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