

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 A. Gildon

Administrative Order TX-83

Gentlemen:

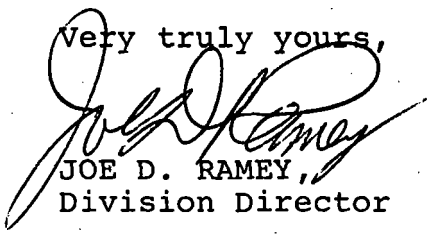
Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107(d)(3) for the below-named well.

Pursuant to the authority granted me by Rule 107(d)(4), you are hereby authorized to set tubing at 10,247 feet in the following well:

<u>LEASE NAME</u>	<u>WELL NO.</u>	<u>UNIT</u>	<u>S-T-R</u>
Smith 11 Com	1	C	11-24S-27E

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

JDR/DSN/dr

cc: Oil Conservation Division - Artesia
Oil & Gas Engineering Committee - Hobbs

PV2V2064433211



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

December 14, 1981

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

*TX-83
date 12-21*

Attn: Mr. Joe D. Ramey
Secretary Director

In Re: Smith 11 Com., Well No. 1, Unit Letter C, 1980' FWL &
990' FNL, Sec. 11, T24S, R27E, Eddy County, New Mexico

Dear Mr. Ramey:

Please find enclosed copy of a letter to Mr. Dan Nutter dated
12/14/81, 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,

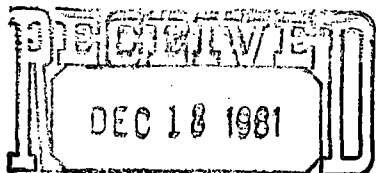
HNG OIL COMPANY

Betty A. Gildon

Betty A. Gildon
Regulatory Clerk

bg

enclosures



OIL CONSERVATION DIVISION
SANTA FE



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

December 14, 1981

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

Attn: Mr. Dan Nutter:

Re: Smith 11 Com., Well No. 1
Unit Letter C, 1980' FWL & 990' FNL,
Sec. 11, T24S, R27E, Eddy County, NM

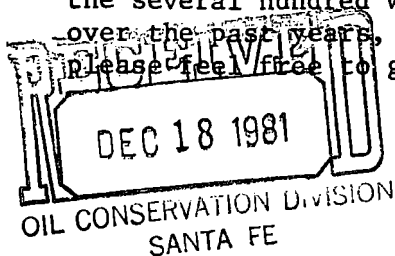
Dear Mr. Nutter:

There are several reasons why we feel that completions utilizing a TIW Polish Bore Receptacle 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 PRB, 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. It is for this reason that the tubing is sometimes set a considerable distance above the productive zone.

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
Completion Engineer

GMH/bg

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LAND OFFICE	
OPERATOR	

Form C-105
Revised 11-1-88

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL		7. Unit Agreement Name	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		Smith 11 Com.	
2. Name of Operator		9. Well No.	
HNG Oil Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
P. O. Box 2267, Midland, Texas 79702		Wildcat Atoka	

4. Location of Well		12. County	
UNIT LETTER <u>C</u> LOCATED <u>1980</u> FEET FROM THE <u>West</u> LINE AND <u>990</u> FEET FROM <u>North</u>		Eddy	
THE <u>North</u> LINE OF SEC. <u>11</u> TWP. <u>24S</u> RGE. <u>27E</u> NMPM			

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
8-27-81	11-3-81	11-20-81	3111.4' GR	3111.4'
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
12,700'	11,870'			X
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
11,802' - 11,861' (Atoka)				No
26. Type Electric and Other Logs Run				27. Was Well Cored
Dual Laterlog, Comp. Neutron Formation Density & BHC				No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	500'	17-1/2"	500 HLW & 542 C1 C	Circulated
9-5/8"	36#	2200'	12-1/4"	1300 HLW & 400 C1 C	Circulated
7"	23#	10368'	8-3/4"	850 TLW & 550 C1 H	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	10,246	12,697	350	-	2-3/8"	10,247'	10,247'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	11,802' - 11,861'	3500 gals 7.5% acid
	11,860' - 11,861' (.32" 4)	
	11,913' - 12,608'	CIBP at 11,900' + 25' cement, tested to 3000 psi.

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
11-20-81		Flowing				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
11-20-81	24	12/64"		0	1500	48	0
Flow Tubing Press.	Casing Pressure	Valve Line Pressure	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
2750							
34. Disposition of Gas (Bbl. used for fuel, vented, etc.)						Test Witnessed By	
Vented							

35. List of Attachments		
Logs, inclination report		
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.		
SIGNED	TITLE	DATE
Betty Gildon	Regulatory Analyst	12/14/81