

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-82

Gentlemen:

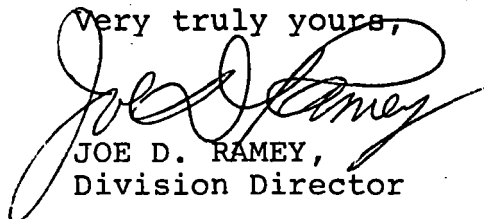
Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107(d)(3) for the below-named well.

Pursuant to the authority granted me by Rule 107(d)(4), you are hereby authorized to set tubing at 12,003 feet in the following well:

<u>LEASE NAME</u>	<u>WELL NO.</u>	<u>UNIT</u>	<u>S-T-R</u>
Sims 35 State	1	B	35-20S-35E

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

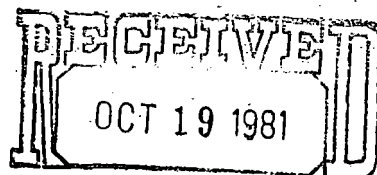
JDR/DSN/dr

cc: Oil Conservation Division - Hobbs  
Oil & Gas Engineering Committee - Hobbs  
Oil & Gas Division - State Land Office - Santa Fe

PV2V2004433140



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



OIL CONSERVATION DIVISION  
SANTA FE

October 15, 1981

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: Sims 35 State, Well No. 1  
660' FNL & 1980' FEL, Sec. 35, T20S, R35E  
Lea County, New Mexico

Dear Mr. Ramey:

Please find enclosed copy of a letter to Mr. Dan Nutter dated  
10/15/81, 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

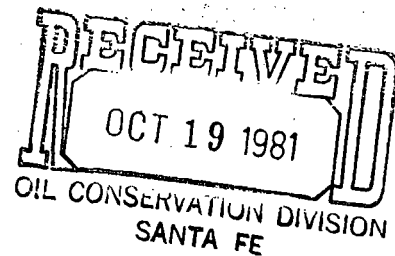
enclosures

*Called Geo Hoover 10/23  
out of town -  
will call back  
the 26th*

*Hoover called - discussed this  
whole matter of the exceptions &  
GORs w/ him. He said this GOR must  
be wrong. He will file some new data.*



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



October 15, 1981

Oil Conservation Division  
State Land Office Bldg.  
Santa Fe, New Mexico 87501  
Attn: Mr. Dan Nutter

Request for Rule 107(d) Exception  
Re: Sims 35 State, Well No. 1  
660' FNL & 1980' FEL, Sec. 35, T20S, R35E  
Lea County, New Mexico

Dear Mr. Nutter:

2-7/8" Tubing set at 12,003' with perforations  
from 12,963' - 13,192'.

There are several reasons why we feel that completions utilizing a TIW Polish Bore Receptacle is the most advantages 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. 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 save 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. Hoyer*  
George M. Hoyer  
Completion Engineer

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OPERATOR	

**RECEIVED**  
OCT 19 1981  
Form C-122  
Revised 10-80

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

5a. Indicate Type of Lease  
ON DIVISION Fee ☐  
State Oil & Gas Lease No.  
V-279

1a. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐  
b. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name  
8. Farm or Lease Name  
Sims 35 State  
9. Well No.  
1  
10. Field and Pool, or Wildcat  
Wildcat Morrow

2. Name of Operator  
HNG OIL COMPANY  
3. Address of Operator  
P. O. Box 2267, Midland, Texas 79702  
4. Location of Well

UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM  
THE East LINE OF SEC. 35 TWP. 20S RGE. 35E NMPM

12. County  
Lea

15. Date Spudded 6-15-81	16. Date T.D. Reached 8-24-81	17. Date Compl. (Ready to Prod.) 8-30-81	18. Elevations (DF, RKB, RT, GR, etc.) 3679.9' GR	19. Elev. Casinghead 3679.9'
20. Total Depth 14,744'	21. Plug Back T.D. 14,640'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools	

24. Producing Interval(s), of this completion - Top, Bottom, Name  
12,963' - 13,192' (Morrow)  
25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
CNL Density, Dual Laterlog Micro-SFL  
27. Was Well Cored  
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#	860'	17-1/2"	400 Pacesetter Lite & 300	C1 C Circ.
9-5/8"	40# & 36#	5655'	12-1/4"	2950 HLW & 500 C1 C	Circ.
7"	26#	12320'	8-3/4"	425 HLW & 325 C1 H 50-50 Poz.	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	12002'	14723'	350	-	2-7/8"	12,003	12,003'

31. Perforation Record (Interval, size and number)  
12,963' - 13,192' (.32" 26)  
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL  
12963-13192  
AMOUNT AND KIND MATERIAL USED  
breakdown at 5500 -3 PBM  
6000-3-1/2 BPM, ISIP 4600  
15 min 4400.

33. PRODUCTION  
Date First Production  
8-30-81  
Production Method (Flowing, gas lift, pumping - Size and type pump)  
Flowing  
Well Status (Prod. or Shut-in)  
Shut-in  
Date of Test  
8-31-81  
Hours Tested  
24  
Choke Size  
11/64"  
Prod'n. For Test Period  
Oil - Bbl.  
1  
Gas - MCF  
48  
Water - Bbl.  
5,105  
Gas - Oil Ratio  
48,000  
Flow Tubing Press.  
4500  
Casing Pressure  
-  
Calculated 24-Hour Rate  
Oil - Bbl.  
Gas - MCF  
Water - Bbl.  
Oil Gravity - API (Corr.)  
39.0

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Vented  
Test Witnessed By

35. List of Attachments  
Form C-122, Inclination Survey & Logs  
gas liquid ratio 48000 - 8000

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 Betty Gildon TITLE Regulatory Analyst DATE 9/23/81  
Betty Gildon

Don Potter

TO CORRECT GAS VOLUME AND GOR

Form C-105  
Revised 11-1-74

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OPERATOR	

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

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.

7. Unit Agreement Name

V-279

8. Farm or Lease Name

Sims 35 State

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat Morrow

12. County

Lea

1a. TYPE OF WELL

b. TYPE OF COMPLETION

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER ☐

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

2. Name of Operator

HNG OIL COMPANY

3. Address of Operator

P. O. Box 2267, Midland, Texas 79702

4. Location of Well

UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM

THE East LINE OF SEC. 35 TWP. 20S RGE. 35E NMPM

15. Date Spudded

6-15-81

16. Date T.D. Reached

8-24-81

17. Date Compl. (Ready to Prod.)

8-30-81

18. Elevations (DF, RKB, RT, GR, etc.)

3679.9' GR

19. Elev. Casinghead

3679.9'

20. Total Depth

14,744'

21. Plug Back T.D.

14,640'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

X

24. Producing Interval(s), of this completion - Top, Bottom, Name

12,963' - 13,192' (Morrow)

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CNL Density, Dual Laterlog Micro-SFL

27. Was Well Cored

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#	860'	17-1/2"	400 Pacesetter Lite & 300	C1 C Circ.
9-5/8"	40 & 36#	5655'	12-1/4"	2950 HLW & 500 C1 C	Circ.
7"	26#	12320'	8-3/4"	425 HLW & 325 C1 H 50-50 Poz.	-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2"	120002'	14723'	350	

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	12,003'	12,003'

31. Perforation Record (Interval, size and number)

12,963' - 13,192' (.32" 26)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12963' - 13192'	breakdown at 5500 - 3 PBM
	6000 3-1/2 BPM, ISIP 4600
	15 min 4400.

33. PRODUCTION

Date First Production 8-30-81	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Shut-in
Date of Test 8-31-81	Hours Tested 24	Choke Size 11/64"
Flow Tubing Press. 4500	Casing Pressure -	Calculated 24-Hour Rate -
Prod'n. For Test Period 1	Oil - Bbl. 4800	Gas - MCF 5
Water - Bbl. 4,800,000	Gas - MCF 39.0	Water - Bbl. -
Oil Gravity - API (Corr.) 39.0		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By

35. List of Attachments

Form C-122, Inclination Survey & Logs

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

Betty Gildon

TITLE

Regulatory Analyst

DATE

9/23/81