

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

July 10, 1981

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

Attention: Betty Gildeon

Administrative Order TX- 75

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 10,308 feet in the following well:

<u>LEASE NAME</u>	<u>WELL NO.</u>	<u>UNIT</u>	<u>S-T-R</u>
Loving State	1	B	1-24S-27E

The Division reserves the right to rescind this authority in the event that waste appears to be resulting therefrom, particularly in view of the water production reported for this well.

Very truly yours,


JOE D. RAMEY,
Division Director

JDR/DSN/dr

cc: Oil Conservation Division - Artesia

PV2V2004431817



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



June 17, 1981

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

Attn: Mr. Joe D. Ramey
Secretary Director

Re: Loving 1 State, Well No. 1
Loving North Morrow
Sec. 1, T24S, R27E
Eddy County, NM

Dear Mr. Ramey:


Please find enclosed copy of a letter to Mr. Dan Nutter dated June 17, 1981, 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

bg

enclosure



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

June 17, 1981

*File
TX 75*

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

Attn: Mr. Dan Nutter

Re: Loving 1 State, Well No. 1
Loving North Morrow
Sec. 1, T24S, R27E
Eddy County, NM

Dear Mr. Nutter:

Tubing for the above-named well has been set at 10,308 feet,
and casing perforated from 12,213' to 12,649 feet.

This office requests administrative exception to Rule 107d.

Very truly yours,

HNG OIL COMPANY

Betty Gildon

Betty Gildon
Regulatory Clerk

bg

enclosure

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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

Form C-105
Revised 11-1-78

10. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____				5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>	
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 _____				5. State Oil & Gas Lease No. LG 23	
2. Name of Operator HNG Oil Company				7. Unit Agreement Name	
3. Address of Operator P. O. Box 2267, Midland, Texas 79702				8. Farm or Lease Name Loving 1 State	
4. Location of Well UNIT LETTER B LOCATED 990 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 1 TWP. 24S RGE. 27E NMPM				9. Well No. 1	
				10. Field and Pool, or Wildcat Loving North Morrow	
				12. County Eddy	
15. Date Spudded 4-17-81	16. Date T.D. Reached 5-29-81	17. Date Compl. (Ready to Prod.) 6-5-81	18. Elevations (DF, RKB, RT, GR, etc.) 3114.3' GR	19. Elev. Casinghead 3114.3'	
20. Total Depth 12,900'	21. Plug Back T.D. 12,799'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>		
24. Producing Interval(s), of this completion - Top, Bottom, Name 12,213' - 12,649' (Morrow)				25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Compensated Neutron-Formation Density and Dual Laterolog				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#	535'	17-1/2"	525 HLW & 200 C1 C	Circ.
9-5/8"	36#	2440'	12-1/4"	1400 TLW & 400 C1 C	Circ.
7"	23#	10517'	8-1/2"	850 TLW & 750 C1 H	-
29. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
4-1/2"	10,318'	12,900'	350	-	
30. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2-3/8"	10,308'	10,308'			
31. Perforation Record (Interval, size and number) 12,213' - 12,649' (.42" 20)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
			12213-12649	5000 gals. 10% Morflo BC	
33. PRODUCTION					
Date First Production 6-5-81		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) SI
Date of Test 6-6-81	Hours Tested 24	Choke Size 7/64"	Prod'n. For Test Period 0	Oil - Bbl. 1271	Gas - MCF 48
Flow Tubing Press. 1250	Casing Pressure Packer	Calculated 24-Hour Rate -	Oil - Bbl. -	Gas - MCF -	Water - Bbl. -
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented					Test Witnessed By
35. List of Attachments Logs, Form C-104 and 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 Betty Gildon			TITLE Regulatory Clerk		DATE 6-17-81

INSTRUCTIONS

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 except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>800</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>800</u>	T. Strawn <u>11163</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>11407</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand <u>2350</u>	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs <u>5949</u>	T. Wingate _____	T. _____
T. Wolfcamp <u>9230</u>	T. <u>Morrow Lime 11910</u>	T. Chinle _____	T. _____
T. Penn. _____	T. <u>Morrow Clastics 12113</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>12213</u> to <u>12219</u>	No. 4, from <u>12643</u> to <u>12649</u>
No. 2, from <u>12321</u> to <u>12377</u>	No. 5, from _____ to _____
No. 3, from <u>12469</u> to <u>12499</u>	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>None</u> to _____ feet
No. 2, from _____ to _____ feet
No. 3, from _____ to _____ feet
No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	800	800	Redbeds, Gravel				
800	2350	1550	Anhy & Salt				
2350	5949	3599	Delaware				
5949	9230	3281	Bone Springs				
9230	11163	1933	Wolfcamp				
11163	11407	244	Strawn				
11407	11910	503	Atoka				
11910	12113	203	Morrow Lime				
12113	TD	-	Morrow Clastics				