

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

June 29, 1981

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

Attention: Betty A. Gildon

Administrative Order TX- 74

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 13054 feet in the following well:

<u>LEASE NAME</u>	<u>WELL NO.</u>	<u>UNIT</u>	<u>S-T-R</u>
Bell Lake 2 State	1	H	2-25S-33E

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

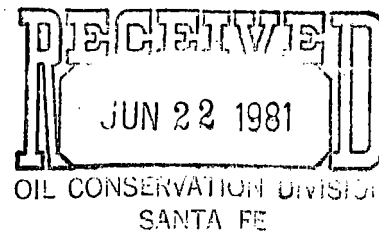
cc: Oil Conservation Division - Hobbs
Oil & Gas Engineering Committee - Hobbs

P VZV2004431744



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

June 12, 1981



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

Attn: Mr. Dan Nutter

Re: Bell Lake 2 State, Well No. 1
Vaca Draw Morrow
Sec. 2, T25S, R33E
Lea County, NM

Dear Mr. Nutter:

Tubing for the above-named well has been set at 13,054 feet, and casing perforated from 15,157 to 15,458 feet.

This office requests administrative exception to Rule 107d.

Very truly yours,

HNG OIL COMPANY

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

Betty A. 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 11-1-88

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-5114	

1a. TYPE OF WELL	
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" 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 <input type="checkbox"/>

7. Unit Agreement Name
8. Farm or Lease Name
BELL LAKE 2 STATE
9. Well No.
1
10. Field and Pool, or Wildcat
VACA DRAW 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 <u>H</u>	LOCATED <u>660</u>	FEET FROM THE <u>EAST</u>	LINE AND <u>1980</u>	FEET FROM
THE <u>NORTH</u> LINE OF SEC. <u>2</u> TWP. <u>25S</u> RGE. <u>33E</u> NMPM				

12. County
LEA

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
12-14-80	3-29-81	4-14-81	3465' GR	3465'
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
15,810	15,162'			X

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
15,157-15,458' (MORROW)	NO

26. Type Electric and Other Logs Run	27. Was Well Cored
SONIC, NEUTRON DENSITY, DUAL LATERLOG	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#	576'	17-1/2"	300 PACESETTER + 250 CLC	CIRC.
9-5/8"	36#	5061'	12-1/4"	2900 PACESETTER + 500 CLC	CIRC.
7"	26#	13280'	8-1/2"	500 PACESETTER + 550 CLH	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	13017'	15809'	500	-	2-7/8"	13,054	13,054 PBR

31. Perforation Record (Interval, size and number)		32. * ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
15,380'-15,458'	(.25" 16) MORROW	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
15,157'-15,198'	(.25" 16) MORROW	15,380-15,458'	3000GALS MORFLO BC ACID
		15,157-15,198'	11,000GALS MORFLO BC ACID

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
5-23-81		FLOWING				SI	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-23-81	24	12/64"		0	1100	3	0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
1450	SEALED						

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

35. List of Attachments
FORM C-104, INCLINATION REPORT, 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 <u>Betty A. Gibson</u>	TITLE <u>REGULATORY CLERK</u>	DATE <u>6-15-81</u>

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

CHERRY

Northwestern New Mexico

T. Anhy <u>1183</u>	T. Canyon <u>5255</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1183</u>	T. Strawn <u>14042</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka <u>14172</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 Qtzite _____
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. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand <u>5195</u>	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>12312</u>	T. <u>MORROW</u> <u>14597</u>	T. Chinle _____	T. _____
T. Penn. _____	T. <u>MORROW CLASTIC</u> <u>14812</u>	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>15157</u> to <u>15198</u>	No. 4, from _____ to _____
No. 2, from <u>15380</u> to <u>15458</u>	No. 5, from _____ to _____
No. 3, from _____ to _____	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	1183	1183	RED BEDS				
1183	5195	4012	ANHY & SALT				
5195	5255	60	DELAWARE				
5255	12123	6868	CHERRY CANYON				
12123	14042	1919	WOLFCAMP				
14042	14172	130	STRAWN				
14172	14597	425	ATOKA				
14597	14812	215	MORROW				
14812	TD	-	MORROW CLASTICS				