STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

October 24, 1984

TONEY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

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

Attention: Betty Gildon

Administrative Order TX-145

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 11,128 feet in the following well:

Well Name and Number: Craft 25 Com Well No. 1

Location: 660' FNL and 2310' FEL, Sec. 25, T-24-S, R-28-E, NMPM, Eddy County, New Mexico

Remarks: Perfs: 12,003 to 12,037 in 4 1/2" liner

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

Very truly yours,

R. L. STAMETS,
Acting Director

JDR/MES/h

cc: Oil Conservation Division - Artesia

pVEV2005037860

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

September 25, 1984

Oil Conservation Division
P. O. Box 2088
State Land Office Bldg.
Santa Fe, NM 87501

Attn: Mr. Joe D. Ramey
Division Director

Re: Craft 25 Com., Well No. 1
660' FNL & 2310' FEL, Sec. 25, T24S, R28E
Eddy County, New Mexico

Dear Mr. Ramey:

Tubing for the above-named well has been set at 11,128 feet and casing perforated from 12,003 to 12,037 feet.

This office requests administrative exception to Rule 107d.

Very truly yours,

HNG OIL COMPANY

Betty Gildon

Betty Gildon
Regulatory Analyst

bg

enclosures

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

September 25, 1984

Oil Conservation Division
P. O. Box 2088
State Land Office Bldg.
Santa Fe, New Mexico 87501

Re: Craft 25 Com., Well No. 1
Eddy County, NM

Attn: Mr. Joe D. Ramey
Division Director

Dear Mr. Ramey:

There are several reasons why we feel that completions utilizing a TIW Polish Bore Receptable or Insert Seal Assembly 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 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. Hover

George M. Hover
Petroleum Engineer III

GMH/bg

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OPERATOR		

Form C-105
Revised 11-1-58

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.:

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

7. Unit Agreement Name:
8. Farm or Lease Name: Craft 25 Com.
9. Well No.: 1
10. Field and Pool, or Wildcat: Wildcat Atoka

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 2310 FEET FROM THE east LINE OF SEC. 25 TWP. 24S RGE. 28E NMPM
12. County: Eddy

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
7-18-84	8-25-84	9-5-84	2916.5' GR	2916.5'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
12,119'	12,083'		→	X	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 12,003' - 12,037' (Atoka)
25. Was Directional Survey Made: No
26. Type Electric and Other Logs Run: BHC Sonic, Dual Laterolog & Dual Ind., Comp. Dens, Nuet & Nuetron Litho Dens.
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"	54.5#	553'	17-1/2"	335 HLC & 200 Cl C	Circulated
9-5/8"	36#	2527'	12-1/4"	875 HLW & 400 Cl C	Circulated
7"	23#	11448'	8-1/2"	750 HLC & 200 Cl H	-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2"	11081'	12116'	200 Cl H	-

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	11,128'	MWL ISA 11,128'

31. Perforation Record (Interval, size and number): 12,003' - 12,037' (20 .25")

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12003-12037	5000 gals 7-1/2% HCL

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
9-5-84	Flowing	Shut in

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
9-6-84	24	9/64"		6	1450	6	242,000

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
2200	1400					48.2

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented
Test Witnessed By:
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 Betty Gildon Betty Gildon TITLE Regulatory Analyst DATE 915/686-3714

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	T. Cherry Canyon 3290	T. Ojo Alamo	T. Penn. "D"
T. Salt	T. Strawn Lime 11736	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka Shale 11910	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Atoka Lime 12058	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen Lake Pay 12058	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. Blinebry	T. Gr. Wash Brushy Canyon 4791	T. Morrison	T.
T. Tubb	T. Granite Leonard 6234	T. Todilto	T.
T. Drinkard	T. Delaware Sand 2613	T. Entrada	T.
T. Abo	T. Bone Springs Lime 6390	T. Wingate	T.
T. Wolfcamp Lime 9566	T. 1st B.S. SD. 7308	T. Chinle	T.
Base Lime Mrkr 10874	T. 2nd B.S. Sd. 8094	T. Permian	T.
T. Penn. Cherry Canyon Mrkr 3640	T. 3rd B.S. Sd. 9206	T. Penn. "A"	T.
T. Cisco (Bough C)			

OIL OR GAS SANDS OR ZONES

No. 1, from Atoka 12003 to 12037 — No. 4, from ..... to .....

No. 2, from ..... to ..... — 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 None 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	1001	1001	Anhy, Lime	11818	11874	56	Lime, Chert
1001	1151	150	Salt	11874	12002	128	Shale, Lime
1151	1282	131	Shale, Anhy	12002	12058	56	SHale, Lime, Chert
1282	2089	807	Anhy	12058	12119	61	Shale, Lime
2089	2515	426	Salt				100% Lime at TD
2515	2750	235	Anhy				
2750	4880	2130	Sand				
4880	5595	715	Shale, Sand				
5595	6650	1055	Sand				
6650	8450	1800	Lime, Shale				
8450	8680	230	Shale, Sand				
8680	10798	2118	Lime, Shale				
10798	11400	602	Lime, Shale, Sand				
11400	11818	418	Shale, Lime				