



TONEY ANAYA
GOVERNOR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

August 9, 1985

50 YEARS



1935 - 1985

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-154

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 11,862 feet in the following well:

Well Name and Number: Hay Hollow 25 State Well No. 1

Location: 1980' FNL and 2310' FEL of Sec. 25, T-25-S,
R-27-E, NMPM, Eddy County, New Mexico

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,
Division Director

RLS/MES/h

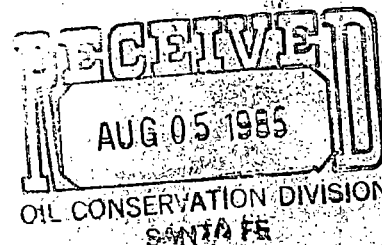
cc: Oil Conservation Division - Artesia

PVZV2005131529



P. O. BOX 2267, MIDLAND, TEXAS 79702 (915) 686-3600
P. O. BOX 2267 MIDLAND TEXAS 79702 (915) 686-3600

July 18, 1985
July 18, 1985



Oil Conservation Division
P. O. Box 2088
State Land Office Bldg.
Santa Fe, New Mexico 87501
Oil Conservation Division
P. O. Box 2088
Attn: Mr. Joe D. Ramey
State Land Office Bldg.
Santa Fe, NM 87501

In: May 1985 State #1

Dear Mr. Ramey:
Attn: Mr. Joe D. Ramey
Division Director

There are several reasons why we feel that completion utilizing a TIW Polish Bore Receptacle or Insert Seal Assembly is the most advantageous method to complete a well.
In Re: Hay Hollow 25 State, Well No. 1
Lease # LG 2397

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.

Dear Mr. Ramey:

Tubing for the above-named well has been set at 11,862 feet, and casing perforated from 12,237 to 12,432 feet. This allows us to run bridge plugs, retainers, or bits into the liner if necessary. This office request administrative exception to Rule 107d.

2. The seal assembly - FSR 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.
3. In most of the wells drilled in this area there are several zones of interest. By having the seal assembly stung into the FSR, 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.

Very truly yours,

Betty Gildon

Betty Gildon
Regulatory Analyst

bg

enclosures

The Polish Bore Receptacle or Insert Seal Assembly is located at the top of the liner. The Insert Seal Assembly is located at the top of the liner.

We feel that this FSR system offers a considerable amount of time and money, but also a reliable packer system available. Of the several hundred wells in which our 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 us a call.

Very truly yours,

George M. Boyer

George M. Boyer
Production Engineer III

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 10 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	2947	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	11408	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Atoka	11710	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. Morrow Lime	12172	T. Mancos	T. McCracken
T. San Andres	T. Morrow Clastics	12390	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. B/Lower Morrow Shale		T. Base Greenhorn	T. Granite
T. Paddock	T. Ellensburg	12854	T. Dakota	
T. Blinberry	T. Gr. Wash		T. Morrison	
T. Ford Shale	T. Granite		T. Todilto	
T. Drinkard Leonard	T. Delaware Sand	2246	T. Entrada	
T. Abo	T. Bone Springs Lime	5932	T. Wingate	
T. Wolfcamp Lime	T. 1st B.S. Sand	6838	T. Chinle	
T. Brushy Canyon	T. 2nd B.S. Sand	7638	T. Permian	
T. Cisco (Bough C)	T. "T" Marker	7939	T. Penn. "A"	
Cherry Canyon Marker	T. 3rd B.S. Sand	8634		

No. 1, from	Morrow	12510	to	12708	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	635	635	Surf rock and red beds				
635	1768	1133	Anhy.				
1768	2857	1089	Anhy, Salt				
2857	5987	3130	Sand & Shale				
5987	9260	3273	Lime, Sd, Sh				
9260	11190	1930	Lm, Sh				
11190	11493	303	100% Shale				
11493	11627	134	lm, sh				
11627	11708	81	lm, sd				
11708	12275	567	sh, lm				
12275	12551	276	lm, sd, Chert, sh				
12551	12960	409	sh, sd, lm				