

State of New Mexico  
**ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT**  
Santa Fe, New Mexico 87505



**OIL CONSERVATION DIVISION**

February 20, 1995



Enron Oil & Gas Company  
P. O. Box 2267  
Midland, Texas 79702

Attention: Betty Gildon

Administrative Order TX-216

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 make a tubingless completion in the following well:

Well Name and Number: Half 6 Federal Well No. 2

Location: Section 6, Township 25 South, Range 34 East, NMPM,  
Lea County, New Mexico

Remarks: Production tubing will be required when subject well ceases to flow.

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

Sincerely,

A handwritten signature in black ink, appearing to read "William J. LeMay". The signature is written over a vertical line that extends down the page.

William J. LeMay  
Director

WJL/RJ/kv

cc: Oil Conservation Division - Hobbs

**VILLAGRA BUILDING - 408 Galisteo**  
Forestry and Resources Conservation Division  
P.O. Box 1948 87504-1948  
827-5830  
Park and Recreation Division  
P.O. Box 1147 87504-1147  
827-7465

**2040 South Pacheco**  
Office of the Secretary  
827-5950  
Administrative Services  
827-5925  
Energy Conservation & Management  
827-5900  
Mining and Minerals  
827-5970  
Oil Conservation  
827-7131

PV2V2005536069

Tx

# ENRON

## Oil & Gas Company

P. O. Box 2267 Midland, Texas 79702 (915) 686-3600

January 17, 1995

Mr. Jerry Sexton  
New Mexico Oil Conservation Commission  
P.O. Box 2088  
Sante Fe, New Mexico 87501

Re: Half 6 Federal No. 2  
Sec 6, T25S, R34E  
Red Hills Filed  
Lea County, New Mexico

Dear Mr. Sexton :

Enron Oil & Gas respectfully requests your approval to complete and produce the above-referenced well from the Bone Spring formation ( perforations 12270 to 12390) without the use of production tubing . The referenced well contains the following tubulars:

<u>CASING</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>TOP OF CEMENT</u>
11-3/4"	H-40	654	Circulated
8-5/8"	S-80 & K-55	5075	Circulated
5-1/2"	P-110	12600	5250

The well was fracture treated via the 5-1/2" production casing and has been allowed to flowback through that casing to achieve faster cleanup and to minimize the risk of formation damage. Our plans are to install 2-7/8" production tubing when the well ceases to flow, which should occur within the first year or two of production.

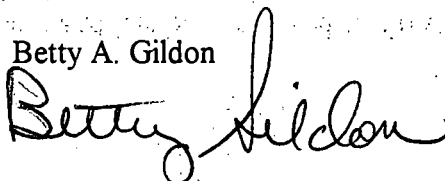
We believe this "tubingless" completion technique is completely safe and effective for the following reasons:

- The well is in a known producing field
- No corrosive or pressure problems are know to exist
- The well is a single completion
- The 5-1/2" production string has been cemented into the base of the 8-5/8" casing
- The 5-1/2" is very high strength casing
- The stabilized after-frac flowing tubing pressures are low (less than 1,000 psig)
- The technique lowers the cost of the completion, thereby improving the economics of the project

Thank you for your consideration of this request. If you need additional information, please contact me.

Sincerely,

Betty A. Gildon



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