



## PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762  
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP  
Permian Basin Region

January 27, 1988

Request for Approval to P&A  
Lea Leases Well Nos. 18, 20 & 32  
(State Lease B-4118)  
Vacuum (Grayburg/San Andres) Pool  
Lea County, New Mexico

Department of Energy and Minerals  
Oil Conservation Division  
P. O. Box 1980  
Hobbs, New Mexico 88240

Attn: Mr. J. T. Sexton  
District Supervisor

Gentlemen:

Phillips Petroleum Company respectfully requests approval of the attached Plug & Abandonment procedures.

The three subject wells, located in Section 30, T-17-S, R-34-E, are in the western part of Vacuum Field. All three wells were originally completed in the Grayburg/San Andres and have developed numerous casing leaks up hole over the past four years. The wells can not be produced and the casing is too severely corroded to be economically repaired.

Two of the wells, No. 18 and 32, have been used as water flow monitor wells for the past two years. While the major water flow problem in Vacuum Field has been from the Salado Formation in the central part of the field, water flows encountered in both of these wells occurred in the Queen Formation. Neither well has any water flow now; the most likely source of the Queen water flow, the North EK Queen Waterflood Unit, was plugged and abandoned during the last half of 1987.

With the cessation of the Queen water flow, the two monitor wells no longer serve any purpose. To prevent any water or hydrocarbon migration between formations in the subject well bores, Phillips proposes to properly plug and abandon the three wells. Forms C-103 and proposed plugging procedures are attached for each well.

Your early consideration and approval is appreciated. Please direct any questions to me or to Mr. John Currie at (915) 367-1342.

Very truly yours,

L. M. Sanders, Supervisor  
Regulation and Proration  
(915) 367-1488

LMS/JCC/sdb  
REG/PRO8/lea wells

Attachments