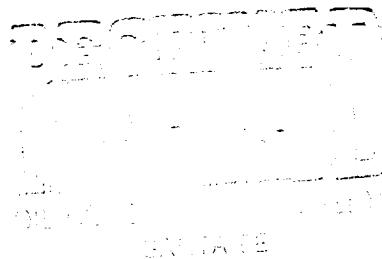


ARCO Oil and Gas Company  
Permian District  
Post Office Box 1610  
Midland, Texas 79702  
Telephone 915 684 0149

Joe R. Hastings  
District Engineer — West



October 2, 1984

Mr. Richard L. Stamets  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Dear Mr. Stamets:

Application for Downhole Commingling of the  
Tubb and Wantz Abo Pools  
S. J. Sarkeys Well No. 5  
Unit 0, Section 23, T21S, R37E  
Lea County, New Mexico

ARCO Oil and Gas Company respectfully requests administrative approval under the provisions of Rule 303-C to downhole commingle the Tubb and Wantz Abo pools in the S. J. Sarkeys Well No. 5. This well is located in Section 23, T-21-S, R-37E, of Lea County, New Mexico.

The S. J. Sarkeys No. 5 was initially completed in the Wantz Abo in July, 1965, with an initial potential of 216 BOPD. The well was dually completed in the Tubb/Wantz Abo in August, 1965. Initial Tubb production was 860 MCFGD and 2 BOPD. The Sarkeys No. 5 is currently producing 2 BOPD, 28 MCFGD and no water from the Abo and 1 BOPD, 239 MCFGD and no water from the Tubb. ARCO Oil and Gas Company would like to downhole commingle the Wantz Abo with the Tubb to permit efficient, economical production from both zones.

No crossflow between zones is expected. Ownership of the zones to be commingled is common, including working interest and royalty. We believe that this request to commingle the Tubb and Wantz Abo pools is justified in the interest of conservation and to protect correlative rights.

Attached is the information requested by Rule 303-C for downhole commingling applications. Thank you for your consideration.

Yours very truly,

J. R. Hastings

JRH:JTL:sc  
Atts.