

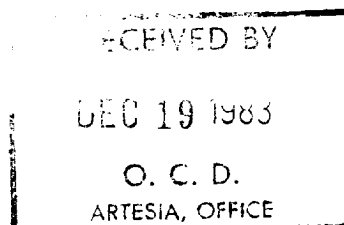
10000 Old Katy Road  
Suite 100  
Houston, Texas 77055  
Telephone (713) 932-4700  
Cable: BELPETEX

## Belco Development Corporation

# Belco

November 17, 1983

Energy and Mineral Department  
Oil Conservation Division  
P.O. Box 2088  
State Land Office Building  
Sante Fe, New Mexico 87501



Attn: Mr. Joe D. Ramey

RE: Union Mead Com. #3  
J-Sec. 5, T-22-S, R-27-E  
South Carlsbad (Morrow) Field  
Eddy Co., New Mexico

Dear Sir:

It is requested that a "Hardship" classification be granted for above referenced well. During September 1983, this well produced at an average rate of 783 Mcf/D with average water production being 101 barrels per day.

A brief history of this well is as follows: Well was completed March 22, 1973 with sales being initiated September 15, 1973. Additional intervals were perforated June 20, 1974. After cleaning up wellbore, records do not show any water production from this well until July 1976, at which time reported water production was 1 BPD. No increase in water production was observed until April 1979, at which time reported water production was 12 BPD. In May 1980, well started loading up due to increased water; however, flow could be maintained by unloading. On July 31, 1980 a bottom hole pressure was taken at 11,500' (-8,323') which was 1977 Psig. Other information obtained showed the top of fluid to be located at 7340' with water at 8200'. During the next two months, attempts to unload and maintain flow were not successful. To obtain better flow characteristics, 2 7/8" OD tubing was replaced with 2 3/8" tubing on October 20, 1980. To establish flow, it was necessary to swab well twelve days; and alternately flow to sales and unload for the next eight days. On January 26, 1982, compression was installed as flow could not be maintained because of excessive water production. During the latter part of March 1982, well loaded up and died. To re-establish flow, it was necessary to swab well ten days before it "kicked off" and started unloading. Before sales could be started, an additional 5 days of cleaning to pit were required. Since this date, flow has been maintained by close observation and immediately unloading if any mechanical problems are found to exist.

Any remedial operations to shut-off water encroachment in this wellbore would possibly result in loss of well due to the sensitivity of the Morrow sand. This state-