

P-27-26-5

Mr. A. G. Sullivan

Sidney, Nebraska

Annulus Pressure on Jicarilla Apache #8

February 23, 1967

*Lester Brown*  
McFadden, Wyoming

Bill Walford and Eric Nelson went to the U.S.G.S. office to discuss and obtain an opinion on what to do about the pressure on the annulus on Jicarilla Apache well #8. This is a Pictured Cliff well which was deepened to the Dakota.

Mr. McGrath and his staff of engineers discussed the matter at length with them, and stated that they could not see where we had any real problem, as long as the 7" casing (3000') was cemented to surface and had cement for a distance up into the  $4\frac{1}{2}$ " pipe. We, therefore, would not contaminate any of the surrounding area or shallower formation.

They then went to the New Mexico Oil and Gas Commission and discussed the same matter with Mr. Arnold of the Commission. He was of the same opinion as Mr. McGrath and his staff, in that we had no problem, as long as the pressure was confined to the 7" casing and that we had none on the casing head (10  $3/4$ "). He also suggested that we might tie the 7" casing into the  $4\frac{1}{2}$ " casing or flow line.

Sully, we have checked the casing head and there is no pressure between the 7" and 10  $3/4$ ".

We blew the pressure off of the annulus between the  $4\frac{1}{2}$ " casing and 7" casing and replaced the 2" valve that was leaking. I don't think we should blow this pressure off, maybe the small leak will seal off. It did not have any volume, just a small amount of gas.

LB/cle

cc: W. C. Sylvester

