

Deviation surveys taken on Beach Exploration Inc.'s Arco "A" Federal #1 well in Lea County, New Mexico:

<u>Depth</u>	<u>Degree</u>
371	.50
1371	.75
2131	1.00
3130	1.00
4130	.75
4512	1.00
5014	1.00

I hereby certify that I have personal knowledge of the date and facts placed on this sheet and that such information given above is true and complete.

S. Howard Norton  
Norton Drilling Company

Before me, the undersigned authority, on this day personally appeared S. Howard Norton, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is the drilling contractor of the well identified in this instrument and that such well was not intentionally deviated from the vertical whatsoever.

S. Howard Norton  
S. Howard Norton

SWORN AND SUBSCRIBED TO before me this 17th day of October 1984.

Rex Farrell  
Notary Public in and for  
Lubbock County, Texas.