

Well No. J. W. Cooper # 4

Location 660' FS & WL, Section 12-T24S-R36E

Operator Getty Oil Company

Drilling Contractor Marc Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

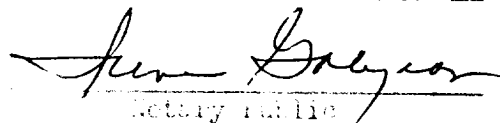
<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/2</u> <u>510</u>				
<u>1/2</u> <u>1233</u>				
<u>3/4</u> <u>1893</u>				
<u>1</u> <u>2490</u>				
<u>2 1/2</u> <u>3277</u>				
<u>2 1/2</u> <u>3800</u>				

Marc Drilling, Inc.

 Pres.

Subscribed and sworn to before me this 2nd day of August 19 82

My comm. expires December 20, 1984


Notary Public