

WELL NAME AND NUMBER 3-#4 Uncle Sam 13 Fed #1LOCATION Section 13, T18S, R32E, Lea County, New Mexico 99°/N + 198°/E
(Give Unit, Section, Township and Range)OPERATOR Santa Fe Energy Operating Partners, L.P.DRILLING CONTRACTOR McVay Drilling Company

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 @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2 212</u>	<u>1 3,731</u>	<u>1/2 7,912</u>
<u>3/4 418</u>	<u>3/4 4,076</u>	<u>1 8,211</u>
<u>1 913</u>	<u>3/4 4,449</u>	<u>1 8,400</u>
<u>1/2 1,162</u>	<u>1/4 4,606</u>	<u>3/4 8,816</u>
<u>1 1,446</u>	<u>1/4 5,010</u>	
<u>1 1,676</u>	<u>1/4 5,206</u>	
<u>1 1,950</u>	<u>1/4 5,300</u>	
<u>1 2,260</u>	<u>1 5,705</u>	
<u>1-1/2 2,510</u>	<u>3/4 6,019</u>	
<u>1-1/2 2,642</u>	<u>1/4 6,298</u>	
<u>2 2,733</u>	<u>1/4 6,580</u>	
<u>2-3/4 2,826</u>	<u>1/4 6,924</u>	
<u>1-3/4 2,982</u>	<u>3/4 7,300</u>	
<u>1-3/4 3,137</u>	<u>1/4 7,454</u>	
<u>3/4 3,451</u>	<u>1-1/2 7,769</u>	

Drilling Contractor McVay Drilling CompanyBy: Joe Hagan Jr.Subscribed and sworn to before me this 21st day of December, 19 89
Phyllis Jean Courtwright
 Notary Public
My Commission Expires: 12/27/91Lea County New Mexico