

WELL NAME AND NUMBER Shinnery 14 Fed. #3-9 30-025-30570

LOCATION 1980' FSL & 1980' FEL, Section 14, T-18S, R-32E, Lea County, New Mexico  
(New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and TWP)

OPERATOR Santa Fe Energy Operating Partners, L. P.

DRILLING CONTRACTOR MORANCO 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>3/4</u> 444	<u>1</u> 5223	<u>1/2</u> 7930	
<u>1/4</u> 850	<u>1 1/2</u> 5460	<u>1 1/2</u> 8096	
<u>1/2</u> 1245	<u>1 1/2</u> 5687	<u>3/4</u> 8376	
<u>1</u> 1647	<u>1 3/4</u> 5932	<u>1/2</u> 8451	
<u>1</u> 2454	<u>2</u> 6053	<u>1 3/4</u> 8824	
<u>1/2</u> 2628	<u>1 1/4</u> 6429	<u>1 1/2</u> 9100	
<u>1</u> 2727	<u>1 1/2</u> 6677	<u>1</u> 9500	
<u>1/4</u> 3220	<u>1</u> 6875		
<u>1/2</u> 3706	<u>1</u> 7171		
<u>1</u> 4231	<u>1</u> 7418		
<u>1</u> 4634	<u>1/2</u> 7580		
<u>1 3/4</u> 5090	<u>3/4</u> 7757		

Drilling Contractor MORANCO Drilling, Inc.

By Wiley Gilmore  
Wiley Gilmore, Marketing Manager

Subscribed and sworn to before me this 28th day of April 1989

My Commission expires:

September 13, 1992

Virginia G. Perry  
Notary Public  
Lea County, New Mexico

**RECEIVED**

**JUL 3 1989**

**OCD  
HOBBS OFFICE**