

WILLBROS DRILLING, INC.

INCLINATION REPORT

OPERATOR:

Santa Fe Energy Operating Partners, LP
500 W. Illinois, Suite 500
Midland, Texas 79702

LOCATION:

Kachina 8 Fed. #1
Sec. 8, T18S, R33E
Lea Co., NM

660/N + 1830/W

DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES
354	3/4	8,083	3	10,988	1
867	1/2	8,175	2-3/4		
1,368	1	8,300	2-3/4		
1,865	2-1/2	8,423	2-1/2		
2,309	2	8,543	2-1/2		
2,518	2	8,763	2-3/4		
2,901	1-1/2	8,918	2-1/4		
3,389	1	9,072	2-1/4		
3,916	1	9,255	2		
4,443	1-1/4	9,300	2		
4,942	1	9,531	2-3/4		
5,428	1-1/2	9,656	2-1/2		
5,856	1-1/2	9,810	2-1/4		
6,353	1-1/4	9,993	2-1/2		
6,849	1-3/4	10,177	2-1/2		
7,372	1	10,316	2-1/4		
7,712	1-3/4	10,483	2		
7,983	2-1/2	10,761	1-1/2		

COUNTY OF MIDLAND
STATE OF TEXAS

The undersigned states that he has knowledge of the facts and matter herein set forth and that the same are true and correct.

Jack Hunnicutt - Vice Pres. &
Gen. Mgr.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 6th day of November 1990

Notary Public

My commission expires: 1/30/93