

30-025-31931

WELL NAME AND NUMBER: Ranger Well #20 - D 810/W + 660/W  
 LOCATION: Sec. 26, T12S, R34E, Lea County NM  
 OPERATOR: PHILLIPS PETROLEUM CO.  
 DRILLING CONTRACTOR: ZIADRIL, 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:

DEGREES AND DEPTH	DEGREES AND DEPTH	DEGREES AND DEPTH
.25 227'	1.50 8916'	1.00 12832'
.25 435'	.75 9408'	
.50 834'	.75 9900'	
.50 1235'	.50 10194'	
1.00 1735'	.25 10684'	
.75 2325'	.25 11185'	
.50 2637'	1.50 11380'	
.75 2951'	2.50 11468'	
1.00 3451'	3.25 11562'	
.25 3949'	3.00 11625'	
1.25 4200'	3.50 11718'	
1.00 4700'	2.50 11789'	
1.00 5176'	1.75 11883'	
.50 5674'	1.25 11978'	
.50 6169'	1.75 12196'	
1.75 6665'	1.50 12259'	
.75 7197'	1.00 12466'	
.75 7436'	1.75 12605'	
.75 8461'	1.50 12668'	

Drilling Contractor: ZIADRIL, Inc.

By Kenneth D. McPeters  
 Kenneth D. McPeters

Subscribed and sworn to before me this 23rd day of June 1993.

My commission Expires:

September 13, 1996

Virginia G. Perry  
 Notary Public  
 Lea County, New Mexico