

RECEIVED

WELL Princess "D" #1

Feb 13 10 37 AM '90

LOCATION Sec. 31-19S-32E Lea County, New Mexico 1654 N & W  
(Give Unit, Section, Township, And Range)

OPERATOR Hopper Barnett Inv. 2807 W. Marland Hobbs, NM 88240

DRILLING CONTRACTOR Exeter 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:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/2° 243'	3 1/2° 4,300'	
3/4° 490'	3 1/4° 4,394'	
1° 685'	2 3/4° 4,487'	
1 1/4° 1,159'	2 3/4° 4,579'	
1 1/2° 1,527'	1 3/4° 4,670'	
1 1/2° 1,933'	1° 5,135'	
1 1/2° 2,213'	1 1/2° 5,628'	
1 1/2° 2,400'	1° 6,116'	
3° 2,647'	1 1/4° 6,611'	
3° 2,741'	3/4° 7,150'	
3 1/2° 2,832'		
3 1/4° 2,862'		
3° 2,893'		
2 3/4° 2,987'		
1 3/4° 3,110'		
2 1/4° 3,801'		

Drilling Contractor Exeter Drilling Company

By Bruce D. Houtchens  
Bruce D. Houtchens, Vice President-Southern

Subscribed and sworn to before me this 25th day of January Division, 1990

Sherri K. Brannon  
Notary Public Sherri K. Brannon

My Commission Expires: 3-10-90 Midland County Texas