



WELL Sotal "A" Federal No. 3

LOCATION Sec. 12-24S-31E, Eddy County, New Mexico

OPERATOR Sonat Exploration Company
110 W. Louisiana, Suite 500
Midland, Texas 79701

DRILLING CONTRACTOR Exeter Drilling Company

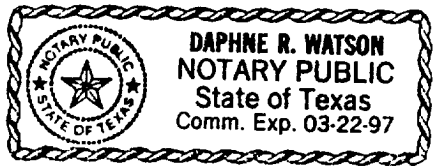
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
3/4	145	2	4,630		
1	317	1 1/2	5,130		
3/4	492	3/4	5,633		
1 1/2	1,301	1/2	6,105		
1 1/4	1,522	1/2	6,576		
1	1,774	1/4	7,047		
1	2,275	1	7,547		
3/4	2,742	1 1/4	8,049		
1 1/4	2,963	1 1/2	8,200		
1 3/4	3,215	MR	8,625		
1 1/4	3,403				
1/2	3,595				
1 1/4	3,785				
2 1/2	3,941				
3 1/4	4,067				
3	4,130				
3	4,192				
3	4,254				
2 1/2	4,317				
3	4,450				

Drilling Contractor: EXETER DRILLING COMPANY

By: Bob Lange
Bob Lange
Drilling Manager
Southern Division

Subscribed and sworn before me this 5th day of December, 1995.



Daphne R. Watson
Daphne R. Watson
Notary Public
Commission Expires: March 22, 1997