



1993 12 30

WELL Warren "ANW" Federal #1

LOCATION Sec. 9-19S-25E, Eddy County, New Mexico

OPERATOR Yates Petroleum Company
207 S. 4th Street
Artesia, New Mexico 88210

DRILLING CONTRACTOR Exeter Drilling Company

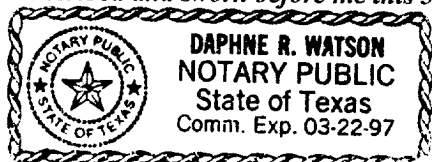
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
1/4	235	4 1/4	4,394	1/2	7,790
1/4	575	3 3/4	4,476	1	8,274
1	840	4 1/2	4,550		
3 1/2	1,075	4 1/2	4,581		
3 1/4	1,075	4 1/2	4,613		
3 1/4	1,209	4 1/2	4,680		
3	1,332	4 3/4	4,734		
3	1,482	4 3/4	4,766		
3	1,782	4 1/2	4,777		
3	2,215	4 1/4	4,840		
3 1/4	2,705	3 3/4	4,902		
3 1/2	2,898	3 3/4	4,985		
2 3/4	3,145	3 1/4	5,025		
3 1/2	3,330	2 3/4	5,122		
3 1/4	3,450	2 1/4	5,277		
3 1/4	3,612	1	5,713		
3 1/2	3,760	1/4	6,205		
3 1/2	4,037	1	6,710		
3 3/4	4,189	1 1/4	6,950		
4	4,300	1 3/4	7,446		

Drilling Contractor: **EXETER DRILLING COMPANY**

By: Bob Lange
Bob Lange
Drilling Manager
Southern Division

Subscribed and sworn before me this 30th day of December, 1993.



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