

**WELL** Big Eddy Federal Unit #114

**LOCATION** Sec. 21-21S-29E Eddy County, New Mexico

(Olive Unit, Section, Township, And Range)

**OPERATOR** Bettis, Boyle & Stoval P. O. Box 1240 Graham, Texas 76046

**DRILLING CONTRACTOR** Exeter Drilling Company

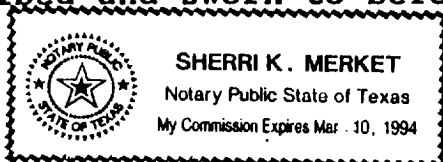
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
3/4° 198'	3/4° 3,922'	1 3/4° 11,234'
3/4° 399'	3/4° 4,520'	2 1/2° 11,493'
3/4° 405'	1/4° 4,920'	2° 11,650'
1 3/4° 1,019'	3/4° 5,314'	2° 11,730'
3° 1,577'	3/4° 5,723'	1 3/4° 11,916'
2 3/4° 1,660'	1/4° 6,210'	1° 12,481'
2 3/4° 1,782'	3/4° 6,558'	
1 3/4° 1,917'	1/4° 7,050'	
1 3/4° 2,072'	1° 7,480'	
2° 2,288'	1/2° 7,974'	
2° 2,471'	1° 8,453'	
2 1/4° 2,627'	1° 8,856'	
1 3/4° 2,782'	1° 9,355'	
3/4° 3,000'	1° 9,800'	
1/4° 3,225'	3/4° 10,171'	
1/2° 3,562'	1 1/4° 10,715'	

**Drilling Contractor** Exeter Drilling Company

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

Subscribed and sworn to before me this 26th day of March, 1990



Sherri K. Merket  
**Notary Public** Sherri K. Merket

My Commission Expires: 3-10-94 Midland County Texas