

RECEIVED

WELL NAME & NUMBER Hallwood Federal #1 OCT 21 1992
 LOCATION Sec. 3, T23S, R28E Eddy Co., NM O.C.D.
 (Give Unit, Section, Township and Range) ARTSIA WELLS
 OPERATOR Bird Creek Resouces 810 S. Cincinnati, Set. 100 Tulsa, OK 74119
 DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, TX 79768

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	DEGREES @ DEPTH
.75 314	1.00 2541		
.50 510	.50 2726		
1.75 744	.50 3222		
1.50 885	.75 3712		
1.50 1068	1.00 4236		
1.00 1251	1.00 4723		
1.25 1437	1.00 5214		
.75 1684	1.00 5714		
2.00 1835	1.00 6164		
3.25 1957	1.25 6350		
3.25 2049			
3.00 2109			
3.00 2171			
2.75 2263			
2.00 2418			

Drilling Contractor Grace Drilling Company

By L. V. Bohannon
L. V. Bohannon - Drlg. Supt.

Subscribed and sworn to before me this 1 day of October, 19 92

Sherry Coskrey
 Notary Public

My Commission Expires 5/26/96

Ector County 24

