

RECEIVED

WELL NAME & NUMBER Carthel Federal #1
LOCATION Eddy County, New Mexico
(Give Unit, Section, Township and Range)
OPERATOR Bird Creek Resources Inc 1412 S. Boston Suite 550 Tulsa, OK 74114
DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, TX 79768

O. C. D. Dec 28 10 51 AM '90
ARTESIA OFFICE
Tulsa, OK 74114
ARE:

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
0.25 - 260	0.50 - 5784		
0.25 - 420	1.00 - 6278		
0.25 - 757			
0.75 - 1091			
0.75 - 1432			
1.50 - 1709			
1.75 - 1862			
1.00 - 2015			
1.00 - 2355			
1.50 - 2800			
0.75 - 3275			
1.25 - 3793			
0.75 - 4281			
0.75 - 4772			
0.75 - 5263			

Drilling Contractor Grace Drilling Company

By Charles Murrell

Subscribed and sworn to before me this 17 day of September, 1990

[Signature]
Notary Public

My Commission Expires _____ County _____

