

APR - 8 1991

WELL NAME AND NUMBER Bogart Federal Com. No. 1LOCATION 2030' FNL & 1830' FWL, Section 28, T-17S, R-30E, Eddy County, New Mexico
(New Mexico give U.S.T.&R. - Texas give S, BLK, SURV. and TWP)OPERATOR Anadarko Petroleum Corporation - P.O. Box 2497 - Midland, Texas 79702DRILLING CONTRACTOR ZIADRIL, Inc. - P.O. Box 1860 - Hobbs, New Mexico 88241

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:

<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>3/4 220</u>	<u>2-3/4 5800</u>	<u>4 8118</u>	
<u>1-3/4 400</u>	<u>2-1/4 5990</u>	<u>3-3/4 8308</u>	
<u>3/4 550</u>	<u>2 6080</u>	<u>4 8403</u>	
<u>1 922</u>	<u>1-1/2 6176</u>	<u>3-1/2 8496</u>	
<u>1-1/4 1329</u>	<u>1-1/4 6335</u>	<u>4 8748</u>	
<u>1/4 1704</u>	<u>1 6492</u>	<u>3-1/2 8842</u>	
<u>3/4 2111</u>	<u>1-3/4 6744</u>	<u>3-3/4 9031</u>	
<u>1 2519</u>	<u>2-1/4 6839</u>	<u>3 9157</u>	
<u>2 2929</u>	<u>3 6935</u>	<u>3 9252</u>	
<u>1-1/4 3024</u>	<u>3 6999</u>	<u>2-3/4 9443</u>	
<u>1-1/2 3119</u>	<u>2-3/4 7061</u>	<u>2 9630</u>	
<u>1-1/4 3488</u>	<u>3-1/4 7217</u>	<u>1-1/2 9791</u>	
<u>2 3900</u>	<u>3-1/2 7312</u>	<u>1-1/4 10200</u>	
<u>1-3/4 4406</u>	<u>3-3/4 7468</u>	<u>1 10451</u>	
<u>3 4912</u>	<u>3-1/2 7522</u>	<u>1-1/4 10604</u>	
<u>3-1/2 5007</u>	<u>4 7581</u>	<u>1/2 10885</u>	
<u>3 5131</u>	<u>4 7865</u>	<u>3/4 11387</u>	
<u>3 5448</u>	<u>4-1/2 7960</u>	<u>1-1/2 11550</u>	
<u>2-3/4 5608</u>	<u>4 7992</u>		
<u>3 5704</u>	<u>4-1/4 8056</u>		

Drilling Contractor ZIADRIL, Inc.By Wiley Gilmore
Wiley Gilmore - Marketing ManagerSubscribed and sworn to before me this 21st day of March 19 91

My Commission expires:

03/05/94
Julie M. Hopper
 Notary Public - Julie M. Hopper
 Lea County, New Mexico