LOCATION	SECTION	19,	T13S,	R33E,	LEA	CO	NM

(New Mexico give U.S.TER: Texas give S, BLK, SURV. and TWP)

OPERATOR AMOCO

DRILLING CONTRACTOR MORANCO Drilling, Inc.

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	and Depth	Degrees	and Depth	Degrees	and Depth	Degrees and Depth
1/2	192	1	5082	2 1/2	9144	
1	410	3/4	5546	2	9226	•
1 3/4	603	1	6044	2	9453	
1	750	1 / 4	6540	2 1/4	9970	
1	1275	1/2	7035			
1	2115	3/4	7213			
1/2	2422	3/4	7682	-		
3/4	2732	1	8203			***************************************
3/4	3042	2 1/2	8700			
1/2	3390	2	8824			
1/2	4090	2 1/2	8946			
1	4587	2 1/2	9035			***************************************
						<u> </u>

4587	2 1/2	9035	
James James	Dri	lling Contra	octor MORANCO Drilling, Inc.
$\sim \gamma \epsilon - i \gamma$			By Wen Ilmoro
Subscribed and sw	orn to befo	re me this	Wiley Gilmore, Marketing Manager 20th day of Pebruary 1984
My Commission exp			White Il Kingen
10-25-87	•		Notary Public Judith K. Liuzza Lea County, New Mexico

MAR 21 1984
HORRE OFFICE