

LOCATION Section 3, T16S, R32E, Lea County, NM

(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Amoco Production Company (USA)

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
1/4 162	1/2 5039	4 8963	
3/4 420	1/4 5536	3 3/4 9024	
1 924	3/4 6037	4 9127	
1 1/4 1442	3/4 6195	3 1/2 9189	
1 1/4 1753	1 1/4 7028	3 1/2 9252	
1/4 2212	1 7427	3 1/2 9312	
1/4 2494	3 7911	3 1/2 9373	
1/2 2903	2 1/2 8004	3 1/4 9374	
1 3243	2 1/2 8160	3 1/4 9589	
1/2 3734	2 1/2 8377	3 9739	
3/4 4150	3 3/4 8687	2 3/4 9930	
1 4552	3 1/2 8777	3 1/2 10300	

Drilling Contractor MORANCO Drilling, Inc.

By Wiley Gilmore
Wiley Gilmore, Marketing Manager

Subscribed and sworn to before me this 19th day of April 1984

My Commission expires:

10-25-87

Judith A. Liuzza
Notary Public Judith A. Liuzza
Lea County, New Mexico