

WELL NAME AND NUMBER Unocal-HPC Federal #2

RECEIVED

LOCATION Section 1, T-22S, R-31E, Eddy County, New Mexico

JAN - 2 1991

(New Mexico give U.S.T. & R. - Texas give S, BLK, SURV. and O.T.W.D. ARTESIA OFFICE)

OPERATOR Hanagan Petroleum - P.O. Box 1737 - Roswell, New Mexico 88202-1737DRILLING CONTRACTOR ZIADRIL, Inc. - P.O. Box 1860 - Hobbs, New Mexico 88241-1860

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>
1 350	2-3/4 2798	4 3695	1/4 6632
1/4 750	2-1/4 2859	3-1/4 3789	1/2 6881
3/4 1121	2-1/2 2951	3-1/4 3884	3/4 7290
1-1/2 1339	2-1/2 2982	2-3/4 3987	1 7785
1-1/4 1463	2-1/4 3045	3 4112	1-1/4 8284
1-1/4 1681	1-3/4 3108	2-1/2 4196	1 8500
1 1891	2 3230	2 4226	
1 2116	2-3/4 3356	1-3/4 4328	
3/4 2337	3 3450	1-1/2 4637	
1-3/4 2491	3-1/4 3512	1 5135	
1 2583	3-1/2 3582	1/2 5640	
2 2702	4 3634	1/2 6132	

Drilling Contractor ZIADRIL, Inc.By Wiley Gilmore
Wiley Gilmore - Marketing ManagerSubscribed and sworn to before me this 30th day of October 19 91

My Commission expires:

May 5, 1994Julie M. Hopper
Notary Public - Julie M. Hopper
Lea County, New Mexico