

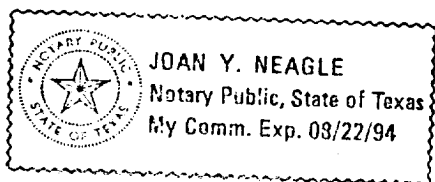
FIELD Livingston Ridge COUNTY Eddy OCC NUMBER _____
OPERATOR Hanagan Petroleum Corporation ADDRESS P. O. Box 1737, Roswell, NM 88202-1737
LEASE Unocal HPC Federal WELL NO. 1
SURVEY 1650' FNL & 1980' FEL of Section 1, T-22-S, R-31-E

RECORD OF INCLINATION

<u>DEPTH (FEET)</u>	<u>ANGLE OF INCLINATION (DEGREES)</u>
321	1/4
748	1/2
1248	1/2
1688	1 3/4
2162	2 1/4
2380	2 1/4
2634	2 1/4
2834	3 1/2
2918	3 1/2
3010	3 3/4
3105	3 3/4
3199	3 3/4
3291	4
3554	3 3/4
3417	3 1/2
3512	2 3/4
3763	2 1/4
3981	3 3/4
4074	4 1/2
4166	4 3/4
4207	4 1/2
4346	3
4472	2
4723	1
5194	3/4
5664	3/4
6164	1/2
6639	1 1/4
7000	1 1/4
7485	1 1/2
7967	1 3/4
8461	1

Certification of personal knowledge inclination data:

I hereby certify that I have personally assembled the data and facts placed on this form, and such information given above is true and complete to the best of my knowledge.



HONDO DRILLING COMPANY

BY:

S. C. Thatch
S. C. Thatch, Drilling Superintendent

Sworn and subscribed to before me the undersigned authority, on this the

26th day of July, 1991.

Joan Y. Neagle

Joan Y. Neagle Notary Public in and for Midland County, TX.