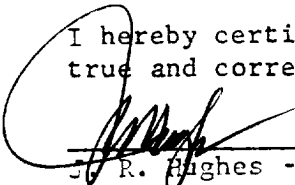


OPERATOR: Union Oil Company of California
 LEASE: Pipeline Deep Unit Federal
 WELL NO. 5
 POOL: Undesignated (N. Quail Ridge Morrow)
 LOCATION: Unit Letter L, Sec. 7, T-19-S, R-34-E
 Lea County, New Mexico


DEVIATION TESTS

<u>DEPTH</u>	<u>DEGREES</u>	<u>DEPTH</u>	<u>DEGREES</u>
163'	1/4	7,557'	1/2
341'	3/4	7,813'	1/4
503'	1	8,293'	3/4
746'	3/4	8,945'	2
1,223'	1	9,024'	2-1/4
1,628'	3/4	9,084'	2
2,125'	3/4	9,588'	1-1/4
2,593'	3/4	10,156'	3/4
3,560'	1	10,690'	1/4
3,684'	1-1/2	11,225'	3/4
4,027'	3/4	12,178'	2
4,527'	1	12,692'	1-1/4
4,806'	1-1/4	13,117'	3/4
5,733'	1	13,401'	2
6,126'	1/2	13,620'	2
6,594'	3/4		
7,058'	1		

I hereby certify that all deviation tests set forth above are true and correct to the best of my knowledge.


 J. R. Hughes - District Drilling Supt., for: Union Oil Company of California.

Subscribed and sworn to before me, a Notary Public in and for County of Midland, Texas on this 13th day of October, 1981


 My Commission Expires 7-30-84