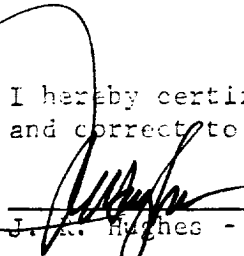


OPERATOR: Union Oil Company of California
LEASE: Laguna Deep Unit Federal
WELL: 3
POOL: East Gem (Morrow Gas)
LOCATION: Unit Letter N, Sec. 35, Township 19-S, Range 33-E
990' FSL & 1980' FWL Lea County, New Mexico

DEVIATION SURVEY

<u>DEPTH</u>	<u>DEGREES</u>	<u>DEPTH</u>	<u>DEGREES</u>
284'	3/4	6,471'	3/4
528'	1	6,584'	3/4
868'	2-1/4	6,834'	1/4
991'	2-1/4	7,231'	0
1,175'	2	7,734'	3/4
1,370'	1/2	8,218'	1/2
1,659'	3/4	8,651'	3/4
1,995'	1-1/2	9,151'	3/4
2,213'	2	9,691'	1
2,399'	1-3/4	9,904'	3/4
2,580'	3	10,382'	1
2,727'	3	10,881'	1
2,920'	3-3/4	11,228'	1-1/4
2,979'	3	12,174'	1/2
3,100'	2	12,764'	1
3,363'	1-1/4	13,067'	1
5,286'	1	13,421'	1
5,729'	1		
6,128'	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 Midland County, Texas this 21st day of January 1982.


My Commission Expires 11-30-84