

OPERATOR: Union Oil Company of California  
LEASE: **Maduro Unit State**  
WELL NO. 3  
POOL: Gem (Morrow)  
LOCATION: Unit Letter F, Section 33,  
1880' FNL and 1980' FWL.  
Township 19-South, Range 33-E.  
Lea County, New Mexico

DEVIATION SURVEYS

<u>DEPTH - FT.</u>	<u>DEGREES</u>	<u>DEPTH - FT.</u>	<u>DEGREES</u>
163'	1/4	6,358'	1-1/4
397'	3/4	6,824'	3/4
616'	1/2	6,965'	1/2
914'	1/4	7,536'	3/4
1,142'	3/4	8,002'	1/4
1,350'	1-1/2	8,496'	1
1,666'	3/4	8,872'	3/4
1,976'	3/4	9,369'	1
2,316'	1/2	10,105'	1-1/4
2,651'	3/4	11,275'	1
2,990'	1-3/4	12,198'	3/4
3,114'	1-1/4	13,202'	1
3,238'	1	13,657'	3/4
5,392'	1		
5,864'	3/4		

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

W.S. Walton For J.R.H.  
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 25th day of MAY 1982.

Selen R. Kotelner  
My Commission Expires 11-30-84