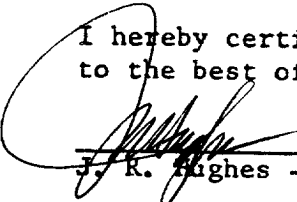


OPERATOR: Union Oil Company of California
LEASE: Maduro Unit
WELL NO.: 2
POOL: Undesignated (Gem Morrow Gas)
LOCATION Unit Letter C, Section 32,
660' FNL and 1980' FWL,
Township 19 South, Range 33 East,
Lea County, New Mexico

DEVIATION SURVEYS


<u>DEPTH</u>	<u>DEGREES</u>	<u>DEPTH</u>	<u>DEGREES</u>
140'	1/4	6,787'	1
400'	1/2	7,281'	1
737'	1/2	7,752'	1
863'	3/4	8,289'	1
1,144'	1/4	8,667'	1
1,356'	3/4	9,138'	1
1,929'	1-1/4	9,761'	1
2,439'	1	10,258'	1
2,869'	1-1/2	10,817'	3/4
3,373'	1-3/4	11,316'	1
3,836'	3	11,948	3/4
4,600'	1	12,282'	1
5,285'	1/2	13,042'	1/2
5,783	1	13,426'	1-1/4
6,275'	1	13,620'	1-3/4

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 28th day of May, 1980.


My Commission Expires 11-30-80