

OPERATOR: UNION OIL COMPANY OF CALIFORNIA
LEASE: BARCLAY FEDERAL
WELL NO. 1
FIELD: UNDESIGNATED
LOCATION: UNIT LETTER "N" SEC 1 T-23-S R-31-E
660' FSL & 1980' FWL
EDDY COUNTY, NEW MEXICO

DEVIATION SURVEYS

<u>DEPTH FT.</u>	<u>DEGREES</u>	<u>DEPTH FT.</u>	<u>DEGREES</u>
228	1/4	8538	1-1/2
431	3/4	8941	1-1/4
525	1-1/4	9249	1-1/2
637	1/2	9526	1-1/4
795	1	9866	3/4
963	1/2	10179	1
1480	1/2	10298	3/4
1979	1/2	10704	1
2500	1/2	11015	1
2871	1/4	11317	1-1/4
3176	3/4	11659	2-1/4
3484	1/2	12029	3
3788	1/4	12445	2
4099	3/4	12653	2
4410	1-1/2	13313	1-3/4
4520	1-1/4	13514	2-1/4
4672	1/2	13730	1-3/4
5165	3/4	14050	1-3/4
5662	3/4	14286	1-3/4
6183	1	14615	1
6676	1-1/4	14852	1-3/4
7167	1-3/4	15231	1-3/4
7662	2-1/2	15500	2-3/4
7888	1-1/2		
8226	2-1/2		

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

W.S. Welton For JNW
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 3rd day of November, 1984.

Helen R. Kettler
My Commission Expires 11-30-88

~~CONFIDENTIAL~~