MOBIL OIL CORPORATION

DEVIATION SURVEY RECORD

LEASE Federal "W" Unit Well No. 1

DATE	TYPE	DEPTH	DEGREES OFF VERTICAL
4-14-66	TOTCO	80	1/4
4-14-66	TOTCO	145	1/2
4-14-66	TOTCO	205	3/4
4-14-66	TOTCO	265	3/4
4-14-66	TOTCO	310	1/4
4-17-66	TOTCO	440	3/4
4-18-66	TOTCO	557	1/2
4-18-66	TOTCO	711	1/4
4-19-66	TOTCO	885	1/4
4-19-66	TOTCO	1,369	1/4
4-20-66	TOTCO	1,950	1/4
4-21-66	TOTCO	2,316	1/4
4-23-66	TOTCO	2,835	3/4
4-25-66	TOTCO	3,262	1/2
4-26-66	TOTCO	3,725	3/4
4-26-66	TOTCO	3,939	3/4
4-27-66	TOTCO	4,365	3
4-28-66	TOTCO	4,518	3
4-28-66	TOTCO	4,580	3
4-28-66	TOTCO	4,600	3
4-29-66	TOTCO	4,642	3
4-29-66	TOTCO	4,703	3-1/4
4-29-66	TOTCO	4,767	3
4-29-66	TOTCO	4,888	3
4-29-66	TOTCO	5,010	3
4-30-66	TOTCO	5,110	2-3/4
4-30-66	TOTCO	5,215	3
4-30-66	TOTCO	5,305	2-3/4
5-1-66	TOTCO	5,520	2-1/2
5-1-66	TOTCO	5,720	2
5-2-66	TOTCO	5,919	1-3/4
5-2-66	TOTCO	6,255	1-3/4
5-3-66	TOTCO	6,590	1-1/2
5-4-66	TOTCO	6,746	1-3/4
5-5-66	TOTCO	6,905	1-1/4
5-6-66	TOTCO	7,055	1-1/4
5-6-66	TOTCO	7,002	1-1/4
5-7-66	TOTCO	7,350	1
5-8-66	TOTCO	7,500	3/4
5-9-66	TOTCO	7,656	1/2
5-11-66	TOTCO	8,062	1/4
5-12-66	TOTCO	8,285	1/4
5-13-66	TOTCO	8,360	1/2
5-13-66	TOTCO	8,452	1/2

LEASE Federal "W" Unit - (Cont'd.) Well No. 1

DATE	TYPE	DEPTH	DEGREES OFF VERTICAL
5-14-66	TOTCO	8,506	1/4
5-15-66	TOTCO	8,612	1/4
5-16-66	TOTCO	8,702	1/2
5-17-66	TOTCO	8,783	1/4
5-18-66	TOTCO	8,915	1/2
5-19-66	TOTCO	9,015	1/2
5-20-66	TOTCO	9,085	1/2
5-21-66	TOTCO	9,146	1/2
5-22-66	TOTCO	9,321	1/2
5-24-66	TOTCO	9,400	1/2
5-25-66	TOTCO	9,476	1/4
5-26-66	TOTCO	9,496	3/4