

RYAN #1

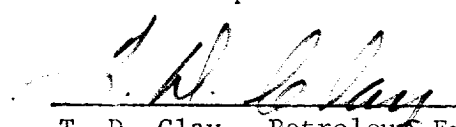
TABULATION OF DEVIATION SURVEYS

LOCATION:

990' FWL & 660' FNL Section 5,
T-23-S, R-27 -E - Undesignated
South Carlsbad - Morrow Field,
Eddy County, New Mexico

<u>Depth</u> <u>(Feet)</u>	<u>Deviation</u> <u>(Degrees)</u>	<u>Depth</u> <u>(Feet)</u>	<u>Deviation</u> <u>(Degrees)</u>	<u>Depth</u> <u>(Feet)</u>	<u>Deviation</u> <u>(Degrees)</u>
178	1/2	2,845	1/2	7,855	1-1/2
290	1/4	3,216	3/4	8,250	2
350	1/4	3,600	3/4	8,627	3
570	1	3,780	3/4	8,990	2
630	1/2	4,170	1/2	9,360	1-3/4
760	1/2	4,565	1/4	9,775	1-3/4
925	3/4	5,210	3/4	10,105	1-1/2
1,140	1	5,493	1/4	10,580	1/2
1,290	3/4	5,885	2	10,880	3/4
1,530	1-1/4	6,265	1-1/2	11,110	3/4
1,690	1-1/2	6,660	1-3/4	11,470	1
2,080	1	7,060	1-1/4	11,700	1-1/2
2,475	1	7,450	1	11,905	1-1/2
				11,915 TD	1-1/2

I certify that the above information is true and complete to the best of my knowledge.


T. D. Clay, Petroleum Engineer

SUBSCRIBED and sworn to before me this 18th day of January, 1973

My Commission Expires June 1, 1973


Notary Public in and for Midland
County, Texas