

DEVIATION SURVEYS

Operator: Tipperary Resources Corporation

Lease & Well No.: Allen #1

Location: Unit F, Sec. 1, T15S, R36E

<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>
397	3/4	6350	1/4
890	1/2	6710	1
1488	1/4	7085	1/4
1981	1/2	7480	1/4
2430	1/2	7910	1/4
2830	3/4	8300	3/4
3198	3/4	8735	3/4
3489	3/4	9045	1/4
3763	3/4	9660	3/4
4035	3/4	9800	1/2
4480	1	10,095	3/4
4680	1	10,350	3/4
5038	1	10,840	3/4
5260	1/4	11,365	1/4
5760	1/4	11790	1/2
5975	1/4	11,945	1
		12,425	1

I do hereby certify that the above information was
furnished by Moran Drilling Company
and is true and complete to the best of my knowledge

Subscribed and sworn to before me this _____ day of _____, 1970

Notary Public in and for
Midland County, Texas

My commission expires _____.