

DEVIATION SURVEY
Lea Unit Deep Well No. 12

<u>Type of Survey</u>	<u>Depth</u>	<u>Degree of Deviation</u>	<u>Displacement</u>	<u>Total Displacement</u>	<u>Direction</u>
TOTCO	207	3/4	2.7095	2.7095	
TOTCO	309	1/2	0.8901	3.5996	
TOTCO	429	1/2	1.0472	4.6468	
TOTCO	547	3/4	1.5446	6.1914	
TOTCO	637	1/4	0.3927	6.5841	
TOTCO	902	1/4	1.1563	7.7404	
TOTCO	1,131	1/2	1.9984	9.7388	
TOTCO	1,627	0	0	9.7388	
TOTCO	2,127	1	8.7262	18.4650	
TOTCO	2,519	3/4	5.1311	23.5961	
TOTCO	2,776	1 1/2	6.7275	30.3236	
TOTCO	3,023	2 1/4	9.6972	40.0208	
TOTCO	3,271	2 1/4	9.7364	49.7572	
TOTCO	3,662	1 1/2	10.2352	59.9924	
TOTCO	3,910	1	4.3282	64.3206	
TOTCO	4,189	1	4.8692	69.1898	
TOTCO	4,649	3/4	6.0212	75.2110	
TOTCO	5,143	1	8.6215	83.8325	
TOTCO	5,520	1 1/2	9.8687	93.7012	
TOTCO	5,691	1/2	1.4922	95.1934	
TOTCO	5,880	1/2	1.6493	96.8427	
TOTCO	6,065	1 1/4	4.0358	100.8785	
TOTCO	6,183	1	2.0594	102.9379	
TOTCO	6,283	1 1/2	2.6177	105.5556	
TOTCO	6,627	1 1/2	9.0049	114.5605	
TOTCO	6,750	2	4.2926	118.8531	
TOTCO	6,832	2	2.8618	121.7149	
TOTCO	7,091	2	9.0390	130.7538	
TOTCO	7,247	2	5.4443	136.1982	
TOTCO	7,310	2	2.1987	138.3969	
TOTCO	7,392	2	2.8618	141.2587	
TOTCO	7,576	1 1/2	4.8166	146.0753	
TOTCO	7,756	2	6.2819	152.3572	
TOTCO	7,975	2	7.6430	160.0002	
TOTCO	8,165	1 1/2	4.9736	164.9738	
TOTCO	8,290	1 1/2	3.2721	168.2459	
TOTCO	8,333	1 1/2	1.1256	169.3715	
TOTCO	8,395	1	1.0820	170.4535	
TOTCO	8,735	1	5.9338	176.3873	
TOTCO	8,786	3/4	0.6283	177.0156	
TOTCO	9,136	1 1/2	9.1619	186.1775	
TOTCO	9,206	2	2.4430	188.6205	
TOTCO	9,291	2	2.9665	191.5870	
TOTCO	9,414	2	4.2926	195.8796	
TOTCO	9,535	2	4.2228	200.1024	
TOTCO	9,623	2	3.0712	203.1736	
TOTCO	9,683	2	2.0940	205.2676	
TOTCO	9,775	2	3.2108	208.4784	
TOTCO	9,823	2	1.6752	210.1536	
TOTCO	9,880	2 3/4	2.7348	212.8884	
TOTCO	9,942	2 1/2	2.7044	215.5928	
TOTCO	10,017	2 1/2	3.2715	218.8643	
TOTCO	10,080	2 1/2	2.7480	221.6123	
TOTCO	10,498	2	14.5880	236.2003	
TOTCO	10,653	2	5.4094	241.6097	
TOTCO	10,903	1	4.3631	245.9728	
TOTCO	11,408	2	17.6242	263.5970	