Outrun Survey
THUMS

Well number : C-239 Date : 24-OCT-93

Measured Depth	Vertical Depth	Vert. Section	Inc Deg	Azimuth Deg-Min	Coordinates Latitude	Coordinates Departure	D-leg /100ft
1406.6	1272.07	472.0	42.99	S51-37E	-286.67	384.63	0.77
1436.3	1293.78	492.1	43.07	S51-28E	-299.27	400.50	0.42
1466.1	1315.49	512.3	43.41	S51-01E	-312.05	416.43	1.54
1496.1	1337.17	532.8	44.05	S50-46E	-325.13	432.52	2.22
1526.0	1358.55	553.5	44.65	S50-26E	-338.40	448.67	2.15
1555.5	1379.51	574.1	44.81	S50-01E	-351.69	464.62	1.14
1585.5	1400.64	595.3	45.64	S49-17E	-365.48	480.85	3.26
1615.4	1421.49	616.6	45.95	S49-17E	-379.46	497.09	1.04
1645.3	1442.35	637.8	45.54	S50-47E	-393.21	513.50	3.87
1674.5	1462.91	658.4	44.97	S52-19E	-406.11	529.75	4.20
1704.9	1484.37	679.6	45.20	S53-19E	-419.12	546.90	2.45
1734.7	1505.27	700.5	45.75	S53-17E	-431.81	563.93	1.85
1764.7	1526.04	721.8	46.62	S53-31E	-444.72	581.31	2.95
1794.5	1546.50	743.1	46.67	S53-52E	-457.55	598.77	0.87
1824.5	1567.35	764.2	45.24	S54-32E	-470.17	616.26	5.04
1831.3	1572.16	768.9	44.87	S54-42E	-472.95	620.18	5.69

At Bottom Hole Location: Measured Depth = 1831.3 Horiz. Displ. = 779.944 Closure Dir. = S52-40E