

APPENDIX 3

DEVIATION SURVEY CALCULATIONS

# OILMIN N.L.

## EAST MEREEENIE No.13

TYPE OF SURVEY: MAGNETIC SINGLE SHOT SURVEY

DATE: FEBRUARY 1984

DIRECTIONAL SUPERVISION: HOFCO OILFIELD SERVICES PTY.LTD.

SHEET 1 OF 2

SURVEY NUMBER	MEASURED DEPTH	ANGLE	TRUE VERTICAL DEPTH	VERTICAL SECTION	DIRECTION	RECTANGULAR COORDINATES			
						NORTH	SOUTH	EAST	WEST
1	2380	3.75	2379.80	12.43	N 17.00 E	11.89		3.63	
2	2442	3.0	2441.69	16.08	N 17.00 E	15.38		4.70	
3	2500	3.5	2499.60	19.37	N 17.00 E	18.53		5.66	
4	2527	4.5	2526.53	21.25	N 16.00 E	20.33		6.19	
5	2578	5.5	2577.34	25.69	N 16.00 E	24.60		7.41	
6	2610	6.25	2609.17	28.97	N 15.00 E	27.76		8.29	
7	2665	7.0	2663.30	35.31	N 15.00 E	33.88		9.93	
8	2702	7.75	2700.49	40.06	N 14.00 E	38.48		11.12	
9	2754	10.00	2751.87	48.08	N 14.00 E	46.03		13.06	
10	2817	11.5	2813.76	59.83	N 13.00 E	57.46		15.80	
11	2880	13.0	2875.26	73.20	N 13.00 E	70.49		18.81	
12	2943	14.50	2936.45	88.17	N 12.00 E	85.11		22.05	
13	3006	16.0	2997.23	104.74	N 11.00 E	101.35		25.35	
14	3062	17.5	3050.85	120.88	N 11.00 E	117.19		28.43	
15	3126	19.75	3111.50	141.32	N 10.50 E	137.27		32.25	
16	3189	21.75	3170.41	163.64	N 10.00 E	159.23		36.22	
17	3315	25.7	3285.76	214.34	N 8.00 E	209.31		44.15	
18	3379	28.4	3342.76	243.45	N 7.00 E	238.17		47.95	
19	3425	29.75	3382.96	265.80	N 6.50 E	260.37		50.58	
20	3520	31.4	3464.75	314.12	N 6.50 E	308.38		56.05	
21	3583	32.25	3518.28	347.34	N 7.00 E	341.37		59.95	
22	3646	33.6	3571.16	381.58	N 5.50 E	375.41		63.68	
23	3744	33.4	3652.88	435.67	N 6.00 E	429.23		69.10	
24	3902	33.0	3785.09	522.18	N 6.50 E	515.23		78.52	
25	4059	33.2	3916.61	607.92	N 6.50 E	600.42		88.23	

# OILMIN N.L. EAST MEREENIE No.13

TYPE OF SURVEY: MAGNETIC SINGLE SHOT SURVEY

DATE: FEBRUARY 1984

DIRECTIONAL SUPERVISION: HOFCO OILFIELD SERVICES PTY.LTD. SHEET 2 OF 2

SURVEY NUMBER	MEASURED DEPTH	ANGLE	TRUE VERTICAL DEPTH	VERTICAL SECTION	DIRECTION	RECTANGULAR COORDINATES			
						NORTH	SOUTH	EAST	WEST
26	4160	33.0	4001.22	663.08	N 7.50 E	655.17		94.95	
27	4223	33.3	4053.94	697.58	N 8.50 E	689.35		99.60	
28	4286	33.3	4106.60	732.17	N 8.50 E	723.59		104.49	
29	4348	33.3	4158.42	766.21	N 10.00 E	757.19		109.96	
30	4432	34.3	4228.22	812.21	N 9.50 E	803.25		117.87	
31	4495	35.1	4280.02	848.07	N 10.25 E	838.58		124.02	
32	4558	36.0	4331.28	884.70	N 9.50 E	874.67		130.30	
33	4629	37.0	4382.35	926.93	N 9.50 E	916.32		137.27	
34	4692	38.75	4432.08	965.61	N 9.50 E	954.47		143.65	
35	4755	39.0	4486.25	1005.49	N 9.50 E	993.80		150.23	
36	4818	40.7	4534.93	1046.20	N 8.50 E	1034.00		156.60	
37	4882	42.3	4582.36	1088.61	N 9.50 E	1075.89		163.23	
38	4940	43.2	4625.45	1127.98	N 10.00 E	1114.69		169.90	
39	4971	42.8	4648.12	1149.12	N 9.75 E	1135.53		173.53	
40	5003	42.75	4671.61	1170.85	N 9.50 E	1156.96		177.16	
41	5066	42.3	4718.04	1213.43	N 10.50 E	1198.90		184.55	
42	5129	42.0	4764.75	1255.71	N 10.50 E	1240.47		192.25	
43	5192	41.75	4811.66	1297.76	N 10.50 E	1281.82		199.91	
44	5256	41.25	4859.59	1340.17	N 10.50 E	1323.52		207.64	
45	5320	41.0	4907.80	1382.26	N 10.50 E	1364.91		215.31	
46	5384	40.75	4956.19	1424.14	N 10.50 E	1406.09		222.94	
* 47	5445	40.5	5002.49	1463.86	N 10.50 E	1445.14		230.18	
CLOSURE:				1463.4'	N 9.05 E				