

Tract Participation

East Shugart Delaware Unit										
Tract Participation Factors										
Tract No.	Tract Name	% of Acres	% of Cum Oil	% of Oil Rate	% of OOI	% of Rem. Prim	Unit Participation	OWNER	STM FORMULA	INTOL FORMULA
1A	S. Taylor 2	6.62%	8.99%	8.83%	6.24%	8.03%	7.5875%	ST. MARY LAND & EXPLORATION CO.	0.555306	0.55971813
1B	S. Taylor 3	6.62%	0.00%	0.00%	3.32%	0.00%	1.8590%	RIVERHILL ENERGY CORP.	0.062812	0.06219084
2	Inca Fed	20.21%	28.95%	28.07%	26.62%	24.54%	26.6995%	NORMAN BARKER	0.032106	0.0313886
3A	Conoco 1	6.79%	10.77%	11.10%	5.09%	11.76%	8.5300%	INTOL, INC.	0.045453	0.053185
3B	Conoco 3	6.80%	2.86%	5.18%	6.75%	7.35%	5.8665%	NORTECH CORP.	0.023116	0.02220975
4	Mohawk 1	6.62%	1.40%	2.25%	3.32%	2.35%	2.7840%	HARVEY E. YATES CO.	0.038938	0.03722207
5A	Gerontimo 3	6.62%	15.95%	12.37%	11.15%	13.94%	12.3670%	SPRIL, INC.	0.005145	0.0049178
5B	Gerontimo 4	6.62%	9.92%	6.02%	10.92%	6.62%	8.6850%	EXPLORERS PETROLEUM CORP.	0.005145	0.0049178
5C	Gerontimo 5	3.31%	2.93%	1.75%	3.06%	0.18%	2.2935%	HEYCO EMPLOYEES LTD.	0.001758	0.00168051
5D	Gerontimo 8	6.62%	2.09%	2.59%	4.26%	1.28%	3.1890%	YATES ENERGY CORP.	0.012434	0.01188605
5E	Gerontimo 9	6.62%	5.47%	6.65%	6.69%	8.22%	6.7230%	JALAPENO CORP.	0.005930	0.00566827
5F	Gerontimo 10	6.62%	1.42%	2.39%	2.23%	2.08%	2.3455%	DR. MICHAEL NORTON	0.021244	0.02022849
5G	Gerontimo 12	3.31%	1.83%	1.75%	3.06%	0.53%	2.1810%	GWENDOLYN MANNING WILLIAMS	0.012040	0.01177073
6	Jade 1	6.62%	7.42%	11.05%	7.29%	13.12%	9.0905%	GENE SHUMATE	0.000324	0.00030083
		100.00%	100.00%	100.00%	100.00%	100.00%	100.0000%	NMAT RESOURCES, LLC.	0.011356	0.01118101
STM Participation Formula: (5% X Acres) + (15% X Cum Oil) + (25% X Oil Rate) + (40% X OOI) + (15% X Rem. Prim)										
INTOL Participation Formula: (5% X Acres) + (20% X Cum Oil) + (35% X Oil Rate) + (5% X OOI) + (35% X Rem. Prim)										

BEFORE EXAMINER CATANACH
OIL CONSERVATION DIVISION
EXHIBIT NO. 44

CASE NO. _____