GREAT WESTERN DRILLING COMPANY
SOUTH CARTER (SAN ANDRES) UNIT
LEA COUNTY, NEW MEXICO

UNITIZATION PARTICIPATION FORMULAS A & B:

FORMULA A:

TRACT PARAMETERS = 50% CUM OIL/10% ACREAGE/40% REMAINING PRIMARY

Lease	PROJ CUM OIL (C)	EUR/BO (E)	REMAIN. PRIMARY (R)	ACTIVE WELLS (W)	SURF ACRES (A)	CURRENT PROD. 5/93 (P)	TRACT FACTOR 50C,10A,40R	GWDC UNIT WI	Davoil UNIT WI	Hilsewicks UNIT WI	A.H. Ball UNIT WI	Yates Pet UNIT WI	B.H. Wong UNIT WI	Cummings UNIT WI	Danglade UNIT WI	Wagners UNIT WI	MR Young UNIT WI	
Effie Carter	771,102	866,573	95,471	3	212	654	0.307820889	0.169864401	0.09226	0.012826	0.003206	0.0096194	0.00320648	0.016834	0	0	0	
McQuein	210,096	214,861	4,765	1	120	227	0.071405599	0.031231252	0.01605	0.002232	0.000558	0	0.00055794	0.0029292	0.0133885	0.004454	0	
S. Johnson	786,561	1,047,337	260,776	3	106	1068	0.468871443	0.258736719	0.14054	0.019536	0.004884	0.0146522	0.00488409	0.0256414	0	0	0	
Burton Fed.	175,376	193,137	17,761	1	26	240	0.062275098	0.040152492	0.02212	0	0	0	0	0	0	0	0	
Carter A	58,768	58,768	0	1	40	50	0.019597026	0	0	0	0	0	0	0	0	0	0.019597	
Johnson A	27,056	27,056	0	0	40	0	0.012481269	0.008047423	0.00443	0	0	0	0	0	0	0	0	
SP Johnson	199,335	199,335	0	0	80	0	0.057548677	0.037105085	0.02044	0	0	0	0	0	0	0	0	
	2,228,294	2,607,067	378,773	9	624	2239	1	0.545137372	0.29586	0.034594	0.008649	0.0242716	0.00864852	0.0454046	0.0133885	0.004454	0.019597	1

FORMULA B:

TRACT PARAMETERS = 50% CUM OIL/5% ACREAGE/45% REMAINING PRIMARY

Lease	PROJ CUM OIL (C)	EUR/BO (E)	REMAIN. PRIMARY (R)	ACTIVE WELLS (W)	SURF ACREAG (A)	CURRENT PROD. 5/93 (P)	TRACT FACTOR 50C,5A,45R	GWDC UNIT WI	Davoil UNIT WI	Hilsewicks UNIT WI	A.H. Ball UNIT WI	Yates Pet UNIT WI	B.H. Wong UNIT WI	Cummings UNIT WI	Danglade UNIT WI	Wagners UNIT WI	MR Young UNIT WI	
Effie Carter	771,102	866,573	95,471	3	212	654	0.303436376	0.167444901	0.09095	0.012643	0.003161	0.0094824	0.00316081	0.0165942	0	0	0	
McQuein	210,096	214,861	4,765	1	120	227	0.062419219	0.027300806	0.01403	0.001951	0.000488	0	0.00048773	0.0025606	0.0117036	0.003894	0	
S. Johnson	786,561	1,047,337	260,776	3	106	1068	0.494801638	0.273045744	0.14831	0.020617	0.005154	0.0154626	0.0051542	0.0270595	0	0	0	
Burton Fed.	175,376	193,137	17,761	1	26	240	0.062536308	0.04032091	0.02222	0	0	0	0	0	0	0	0	
Carter A	58,768	58,768	0	1	40	50	0.016391898	0	0	0	0	0	0	0	0	0	0.0163919	
Johnson A	27,056	27,056	0	0	40	0	0.00927614	0.005980884	0.0033	0	0	0	0	0	0	0	0	
SP Johnson	199,335	199,335	0	0	80	0	0.051138421	0.032972008	0.01817	0	0	0	0	0	0	0	0	
	2,228,294	2,607,067	378,773	9	624	2239	1	0.547065254	0.29697	0.035211	0.008803	0.0249449	0.00880273	0.0462142	0.0117036	0.003894	0.0163919	1

BEFORE THE
OIL CONSERVATION DIVISION
Case No.11113,11114 Exhibit No.16
Submitted By:
GREAT WESTERN DRILLING CO.
Hearing Date: October 13, 1994