Proposed Quail Queen Unit
Tract Participation Factors

Tract	Usable Wells		Well	Apr,May,June'07 Rate (BOE)			Primary Reserve @7/1/07 & Q_a=0.75 BOPD per well							Est. Ultimate Primary Oil					Res Pore Vol, Queen B,C		Surface Acres		Tract Participation
							PDP	PDP	PDP	PBP	PDP+PBP								Ac-Feet		Acres		
No.	No.	Tract %	Name	Well	Tract	Tract %	MBO	MMcf	MBOE	MBOE	MBOE	Tract	Tract %	MBO	MMcf	MBOE	Tract	Tract %	Volume	Tract %	Volume	Tract %	Factor (%)
1A																			767.30	10.091	40.00	4.76	4.03629669
1B		-																	201.70	2.653	80.00	9.52	1.06102051
2	2	16.67	State BG 2				21.187		21.187		21.187	21.187	26.945						994.70	13.081	120.00	14.29	19.80850294
			State Bg 3				17.980		17.980		17.980	17.980	22.867									-	
				588	588	33.80	39.167		39.167		39.167	39.167	49.812	202.111	99.545	218.702	218.702	23.825					
3	1	8.33	Atlantic Richfield 1	241	241	13.84	13.815		13.815		13.815	13.815	17.570	166.088	83.682	180.035	180.035	19.612	174.80	2.299	40.00	4.76	10.98199350
4														10.475	2.601	10.909	10.909	1.188	994.10	13.073	80.00	9.52	5.70468441
5A	3	25.00	Wainoco St 1				0.000		0.000		0.000	0.000	0.000						694.60	9.135	120.00	14.29	9.23209193
			Wainoco St 2				0.000		0.000		0.000	0.000	0.000										
			Wainoco St 3				0.000		0.000		0.000	0.000	0.000										
				59	59	3.39	0.000		0.000		0.000	0.000	0.000	51.775	66.515	62.861	62.861	6.848					
5B	1	8.33	Pennzoil St 1	66	66	3.81	0.000		0.000		0.000	0.000	0.000	78.460	41.859	85.437	85.437	9.307	680.70	8.952	40.00	4.76	8.51815628
6A	1	8.33	State C 1	70	70	4.01	0.000		0.000		0.000	0.000	0.000	24.898	0.000	24.898	24.898	2.712	214.40	2.820	40.00	4.76	3.44679141
6B	4	33.33	Quail St 2				17.227		17.227		17.227	17.227	21.909						2,881.70	37.897	280.00	33.33	37.21046233
			Quail St 3Y				2.124		2.124		2.124	2.124	2.701										
			Quail St 4				4.132		4.132		4.132	4.132	5.255										
			Quail St 6				2.165		2.165		2.165	2.165	2.753										
				716	716	41.15	25.648		25.648		25.648	25.648	32.619	301.988	198.848	335.129	335.129	36.508					
	12	100.00		1,740	1,740	100.00	78.630		78.630		78.630	78.630	100.000	835.795	493.050	917.970	917.970	100.000	7,604.000	100.000	840.00	100.00	100.00000000

Ult Prim	0.40000000
Pore Vol	0.40000000
Useable Wells	0.10000000
Current Prod	0.10000000
	1.00000000

Exhibit No. 19_TPF s.xls
TPF

8/4/2008
4:37 PM

BEFORE THE OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 14001 & 14002 De Novo
(Consolidated).....Exhibit No. 19
Submitted by:
CHESAPEAKE EXPLORATION, L.L.C.
Hearing Date: August 14, 2008