

TABLE OF ANALOGOUS POOLS

SPECIAL POOL RULES HEARING FOR NEW PROPOSED POOL : SHUGART - STRAWN, NORTH

MEWBOURNE OIL COMPANY : FREN LEASE NE/4 SEC 8 18S - 31E EDDY CO, NM

	Cedar Lake - Strawn	Cedar Lake Reef - Strawn	Shugart - Strawn, North
Date of First Production	February, 1991	March, 2001	September, 2002
Spacing	160 acres	160 acres	160 acres (proposed)
Oil Allowable	560 bopd	1120 bopd	1120 bopd (proposed)
GOR Allowable	4000 scf/stb	4000 scf/stb	4000 scf/stb (proposed)
Number of Wells	4	1	2
Initial Reservoir Pressure	4921 psig	4950 psig	5420 psig
Initial Reservoir Temperature	159 F	NA	155 F
Initial Producing GOR	2500 scf/stb	3000 scf/stb	3000 scf/stb
Initial Oil Gravity	45 API	46 API	47 API
Initial Oil Gravity	0.84	0.72	0.71
Estimated Formation Volume Factor	2.35 stb/rb	2.50 stb/rb	2.50 stb/rb
Date of Last Production	June, 2002	April, 2002	September, 2002
Cumulative Oil Production	382,000 stb	222,000stb	31,000 stb
Cumulative Gas Production	1537,000 Mscf	840,000 Mscf	97,000 Mscf
Est. Ultimate Reserves - Oil	523,000 stb (decline curve)	387,000 stb (decline curve)	739,000 stb (volumetrics)
Est. Ultimate Reserves - Gas	2,833,000 Mscf (decline curve)	2,368,000 Mscf (decline curve)	4,805,000 Mscf (volumetrics)
Est. Economic Life	48 years	10 years	10 years
Est. Avg. Thickness - Gross : Net	16 ft : 10 ft	340 ft : 64 ft	505 ft : 132 ft
Est. Avg. Net Porosity	4.60%	4.80%	4.70%
Est. Avg. Net Water Saturation	20%	20%	20%
Est. Orig. Oil in Place per Acre	1215 stb/ac	7626 stb/ac	15402 stb/ac
Est. Orig. Gas in Place per Acre	3037 Mscf/ac	22879 Mscf/ac	46205 Mscf/ac
Est. Recoverable Oil per Acre (RF=30%)	365 stb/ac	2288 stb/ac	4621 stb/ac
Est. Drainage Area at Constant Thickness	1432 ac (calculated)	169 ac (calculated)	160 ac (assumed)

CASE NUMBER _____

EXHIBIT 10