AUTHORITY FOR EXPENDITURE (AFE)

WELL NO. 19-2	WELL NAME: Flora Vista	DATE: May. 26, 1994
FIELD: Basin Fruitland	COUNTY: San Juan	STATE: New Mexico
LOCATION: SW Qtr. S19-T30N,R11W		PROP. TD: 2100'
Purpose of Exp.: Drill Complete, & Equip Coal Well	FORMATION:	Fruitland Coals

AFE CODE	INTANGIBLE EXPENSE			DRILLING COST	COMPLETION COST	TOTAL COST
220/101	Staking and Permitting			3,000		3,000
220/102	Location, Roads, Pits, & Damages			10,500	2,500	13,000
220/103	Mobilization / Demobilization					
220/104	Contract Drilling - Daywork.	12 Hr.	150 $/Hr.	1,800		1,800
220/105	Contract Drilling - Footage	2100Ft.	11.5$/Ft.	24,150		24,150
220/001	Contract Drilling - Turnkey					
220/301	Completion Rig				9,500	9,500
840/110	Workover Rig					
220/106	Fuel, Power & Lubricants					
220/107	Bits, Reamers & Stabilizers					
220/108	Drilling & Completion Fluids			1,000	2,800	3,800
220/302	Casing Crews, Tongs, Handling Tools				1,200	1,200
220/109	Misc. Labor, Contract Services			1,000	2,200	3,200
220/110	Cement, Cmt Services, Mech Aids & Devices			2,500	6,800	9,300
220/111	Conventional Coring & Coring Services					
220/303	Water & Hauling			1,200	3,600	4,800
220/112	Mud Logging					
220/113	Logging-Open Hole-SWC's & Dipmeter			6,800		6,800
220/304	Cased Hole Logs, Perf. & Other Wireling Serv.				3,800	3,800
220/305	Inspection & Testing			500	800	1,300
220/307	Acidization, Fracturing & Stimulating				50,000	50,000
220/114	Rental Tools & Equipments			1,000	2,200	3,200
220/115	Directional Drilling Services					
220/117	Communications			25	50	75
220/120	Overhead per Operating Agreement			1,000	3,000	4,000
220/119	Supervision			1,600	3,200	4,800
220/121	Contingencies (10%) & Misc.			5,610	9,170	14,780
	TOTAL INTANGIBLE EXPENSE			61,685	100,820	162,505

AFE CODE	TANGIBLE EXPENSE				DRILLING COST	COMPLETION COST	TOTAL COST
230/101	Conductor Casing	Ft.	In.	$/Ft.			
230/102	Surface Casingt.	250Ft. 8-5/8	In. 8.60	$/Ft.	2,150		2,150
230/103	Intermendiate Casin	Ft.	In.	$/Ft.			
230/104	Drilling Liner .	Ft.	In.	$/Ft.			
230/301	Production Liner	Ft.	In.	$/Ft.			
230/302	Production Casing	2100Ft. 5-1/2	In. 5.15	$/Ft.		10,815	10,815
230/303	Tubing	2050Ft. 2-3/8	In. 2.20	$/Ft.		4,510	4,510
230/304	Wellhead Equip., Tree				900	1,800	2,700
230/305	Artificial Lift Eq, Pumping Unit					14,000	14,000
230/306	Separator, Heater, Dehydrator					8,500	8,500
230/307	Meters & Flowlines					13,800	13,800
230/308	Tank Battery & Storage					4,800	4,800
230/309	Subsurface Production Equipment					3,750	3,750
230/310	Misc. Well Equipment					2,600	2,600
230/311	Installation-Production Facilities					4,900	4,900
230/312	Compressor					37,500	37,500
	TOTAL TANGIBLE EXPENSE				3,050	106,975	110,025
	TOTAL WELL COST				64,735	207,795	272,530

OPERATOR APPROVAL

DATE: ____________________

Maralex Resources, Inc.

BY: A. M. O'Hare

A. M. O'Hare, P.E.
President

JOINT INT.APPROVAL

COMPANY: ____________________

DATE. ____________________

APPROVED BY:

WRK INT.: ____________________

TITLE:

Application of Maralex Resources, Inc.
for Compulsory Pooling
Case #11007 — June 23, 1994
Exhibit 5