

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. 919-T30N,R11W	PROP. TD: 2100'	
Purpose of Exp.: Drill Complete, & Equip Coal Well	FORMATION: Fruitland Coals	

WELL 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 Wireline 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		61,885	100,820	162,505

WELL CODE	TANGIBLE EXPENSE	DRILLING COST	COMPLETION COST	TOTAL COST
230/101	Conductor Casing Ft. In. \$/Ft.			
230/102	Surface Casing 250Ft. 8-5/8 In. 8.60 \$/Ft.	2,150		2,150
230/103	Intermediate Casing 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 2054Ft. 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: <u>A. M. O'Hare</u> A. M. O'Hare, P.E. President
JOINT INT. APPROVAL DATE: _____ WRK INT.: _____	COMPANY: _____ APPROVED BY: _____ TITLE: _____

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