

**RICHARDSON OPERATING COMPANY
AUTHORITY FOR EXPEDITURES**

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case Nos. 12797/98 Cons. Exhibit No. 9
Submitted by:
Richardson Production Company
Hearing Date: February 7, 2002

Well Name: RPC 17-4 (PC) well
Location: T29N R13W Section 17 SE/4
Spacing: Pictured Cliffs SE/4 (160 acres)
Proposed Depth: 1150' Pictured Cliffs

Date _____
Objective Formation: Pictured Cliffs

	Tangible	Intangible	Total
I. Drilling Costs (Included Run Casing)			
Survey and Permits -----		3,000	
Title Opinion & Land -----		3,000	
Damages-----		2,000	
* Drilling (incl. water & mud) 1200' @ 15.00/ft.-		17,250	
BOP Rental-----		750	
Dirt Work-----		4,000	
Pit Lining-----		2,800	
Surface Casing 200' @ 7.65/ft.-----	1,530		
Casing Head-----	1,500		
Cement Surface-----		2,300	
Power Tongs-----		1,000	
Casing 1200' @ 5.00/ft.-----	6,325		
Trucking-----		3,000	
Logs-----		4,000	
Engineering-----		4,500	
Cement Longstring-----		4,000	
Total Cost to Run Casing-----	9,355	51,600	60,955
10% Contingency-----			6,096
Grand Total to Run Casing			67,051
II. Completion Costs			
Rig Anchors-----		750	
Logs-----		3,000	
Perf-----		4,000	
Wellhead & Fittings-----	4,000		
Tubing 1200' @ 2.10/ft.-----	2,875		
Stimulation-----		25,000	
Tool Rental-----		2,300	
Trucking-----		3,000	
Battery Installation-----		6,000	
Restore Location-----		4,000	
Engineerng-----		5,000	
Treater, Separator-----	6,000		
Flowline-----	4,000		
Tank & Fittings-----	5,000		
Gravel-----	3,000		
Workover Rig-----		12,000	
Completion Fluids-----		2,000	
Pipeline Hookup-----		13,000	
Division Order Opinion-----		2,000	
Frac Tank Rental-----		2,000	
Flowback-----		2,000	
Fence Location-----	5,000		
Total Completion Costs-----	29,875	86,050	115,925
10% Contingency-----			11,593
Drilling Costs-----			67,051
Grand Total Well Costs			194,568

PICTURED CLIFFS (PC)

9.8968% Uncommitted
90.1032% Richardson Operating Company et als

Date: _____	Approved by: _____	Share of WI Costs:
		\$19,256
		\$175,312
Grand Totals:		<u>\$194,568</u>