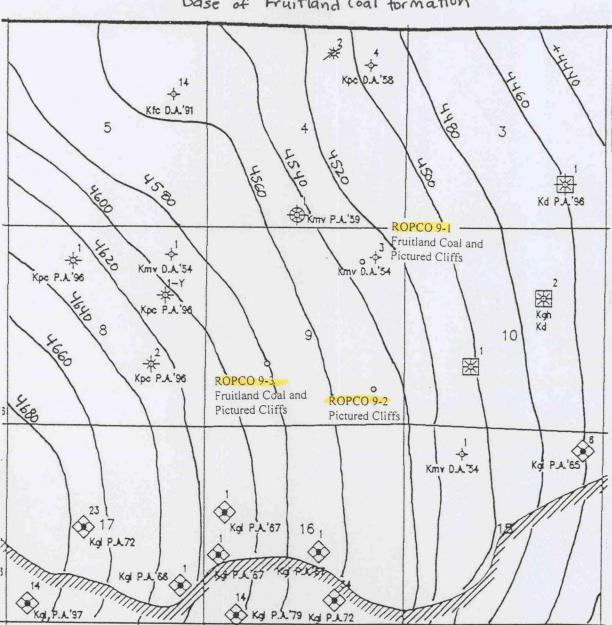
## RICHARDSON OPERATING COMPANY

## EXHIBIT 8 A

## Township 29 North, Range 14 West, NMPM San Juan County, New Mexico



CONTOUR MAP Base of Fruitland Coal formation

	ROPCO 9-1	ROPCO 9-2	ROPCO 9-3
Estimated TD	1050'	980'	940'
Estimated Coal Thickness	14'	12'	16'