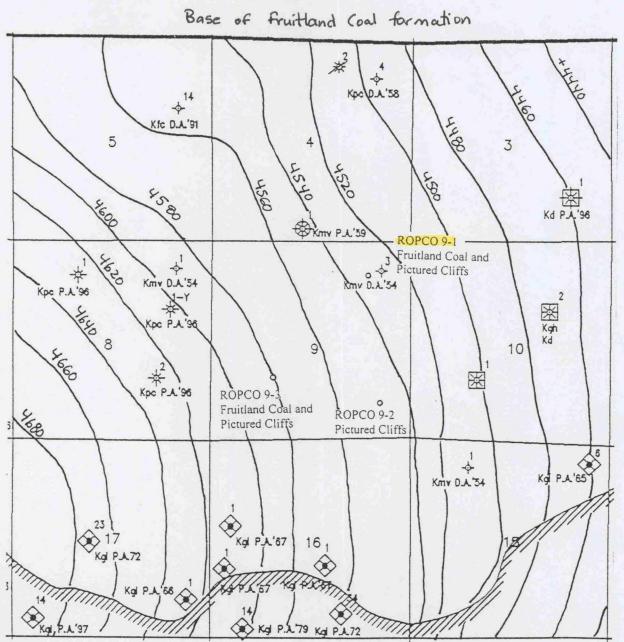
RICHARDSON OPERATING COMPANY

EXHIBIT 8 A

40

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



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

CONTOUR MAP