

PENNZOIL COMPANY
Valdez 2918-012J (Well U)
Vermejo Ranch Coal Bed Methane Pilot

Geologic Summary
C.Hillenbrand 10/25/89

Raton Formation

Coals:		
Depth	Thickness	
440	2'	Show #1 @ 722-45' 2.5 units/14 units in coal.
553.5	1.5'	
558	5.25'	
579.25	1.25'	Show # 2 @ 1172-1200' 2 units/9 units in coal.
615.5	2.5'	
651.5	1.25'	
663	3'	Show # 3 @ 1512-92' poor pale blue flour in sand.
690.75	1'	
716.5	2'	
720	3'	Show # 4 @ 1970-2094' 2 units/16 units in sand.
727.5	1.25'	
767.25	2'	
819.5	1.5'	
888.25	1.75'	
907.75	1.25'	
933.75	5'	
943.75	2'	
968.25	1.75'	
996	.5'	
1056	2.5'	
1061.75	2.25'	
1100	1.25'	
1110	1.75'	
1122	2'	
1163	2'	
1184.5	1.5'	
1190.25	1.75'	
1691.25	1.25'	
1756	2'	
1769.5	1.5'	
1819.5	2'	
1831.25	1'	
1844.5	1.5'	
1848	.5'	
1859.25	1.75'	
1874.5	3.75'	
Total Raton Fm Coal		65.5'