

PENNZOIL COMPANY
Valdez 2918-011D (Well P)
Vermejo Ranch Coal Bed Methane Pilot

Geologic Summary
C. Hillenbrand 10/25/89

Raton Formation

Coals:

<u>Depth</u>	<u>Thickness</u>	
431.75	75'	Show # 1 @ 1553-1613 6 units/10 units
465	1.75'	spotty yell flour in sand.
583.25	5.25	
592.25	1'	Show # 2 @ 1716-42' 7 units/38 units
601.5	1'	in sand.
632.25	1.75'	
657.75	1'	Show # 3 @ 1764-80' 10 units/20 units
695.25	4.5'	in coal.
706	1.25'	
718	1.75'	Show # 4 @ 1828-36' 8 units/75 units
776.25	.75	in coal.
778	1.25'	
782.25	1.75'	Show # 5 @ 1894-1900 20 units/140 units
802	1.5'	in coal.
806.75	1.25'	
815	1'	Show # 6 @ 1968-2130' 5 units/ 180 units
824.5	2'	in sand.
827.5	2'	
831	1'	Show # 7 @ 2142-64 80 units/140 units
861.5	2'	in sand.
864	2'	
900	1.25'	
905	1'	
928	1.25'	
930	1'	
941.25	1.5'	
960.25	2'	
975.25	1'	
989	1'	
1017.25	.75'	
1022.5	1'	
1030	1.25'	
1042.25	2.5'	
1045.75	1'	
1069	1'	
1083.5	1'	
1100.25	2.5'	
1130.75	1.5'	
1158.5	4'	
1203.25	2'	
1223.35	2.75'	
1227.25	.5'	