

PENNZOIL COMPANY
 Van Bremmer 3018-241M (Well E)
 Vermejo Ranch Coal Bed Methane Pilot

Geologic Summary
 C. Hillenbrand 8/24/89

Raton Formation

Coals:

<u>Depth</u>	<u>Thickness</u>	
363	4'	Show #1 @ 362' 0 units/24 units
369	1.5'	in coal
387	1.75'	
438	2'	Show #2 @ 384' 20 units/80 units
441.5	4'	in coal
479.75	1.25'	
493	3'	Show #3 @ 438' 80 units/118 units
586	2'	in coal
615	2'	
651	2'	Show #4 @ 1298' 160 units/300 units
664	2'	in sand
681	.5'	
728	1.25'	Show #5 @ 1473' 200 units/300 units
783	2'	in coal
825.5	.5'	
865.5	1'	
869.75	.75'	
1072	1'	
1130	1.25	
1472.5	1.5'	-
1479.5	.5'	
1498.25	1'	
1512	2'	-
1524	1'	
1534.5	1'	
1552	1.75'	-
Total Raton	42.5'	
Fm Coal		