

Pennzoil Company
Valdez 2919 - 071C (Well V)
Vermejo Ranch Coal Bed Methane Pilot

Geologic Summary
C. Hillenbrand 10/25/89

Raton Formation

Coals:

<u>Depth</u>	<u>Thickness</u>
389.5	1.25'
405.75	1.5'
471.25	1'
492.25	1'
586.5	.5'
590.5	2.75'
617	4.25'
626.5	1.5'
686	.75'
714	2'
742.5	1.5'
807.5	1'
817.75	1.25'
963.5	2.25'
970	.75'
990	5.25'
1031	2'
1067.5	2'
1074	2'
1132.5	1.5'
1263.5	.5'
1633.5	2'
1635.75	.75'
1652	1.75'
1670	.75'
1674	.75'
1676	1'
1679	.75'
1685	1.75'
1695.5	2'
1705.5	1.5'
1714.75	1.25'
1728.5	1.5'
1731.25	.75'
1740.5	1.5'
1787.25	.5'
1788.75	.5'
1839.75	2'
1846	1.5'
1894	1.5'

Show #1 @ 1240-62' 1 unit/2 units
in sand.

Show # 2 @ 1284-1317' good yell
flour in sand.

Show # 3 @ 1332-92' good yell
flour in sand.

Show # 4 @ 1882-1922' 4 units/24 units
in sand.

Show # 5 @ 1926-68' 6 units/8 units
in sand.

Total Raton Fm Coal

62'