HALLADOR PETROLEUM COMPANY

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Date: 4/27/00

To: Charlie Perrin

From: Tim Lovseth

Company: OCD

Company: Hallador Petroleum Company

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Comments:

David Martin from On Site Technologies told me That he thought the sample was a low BTU Mesaverde gas because of the high hexane + concentrations Also, note the very low CO_2 value.

Thanks

ROSA UNIT PORE PRESSURES

FORMATION	DEPTH	FRAC GRADIENT	PORE PRESSURE	RESERVOIR PRESS
FRUITLAND	2950	0.69	1578	1400
PICTURED CLIFFS	3200	0.65	1520	1400
CLIFF HOUSE	5200	0.50	1300	1200
MENEFEE	5350	0.50	1338	1200
POINT LOOKOUT	5650	0.48	1201	1200
GALLUP	6800	0.55	2210	2000
DAKOTA	7850	0.65	3729	2600

Based on: $F = 1/3(1+2Pf/D$
$Pf = (3F -)D/2$

Where: F = Frac Gradient
Pf = Pore Pressure
D = Depth