

19.15.1.21.B

No Pits

The use of a closed loop system requires numerous truck hauls of drill cuttings to an approved disposal site while drilling is in progress and upon completion of drilling operations.

An estimate of the number of round trip truck hauls required for a well similar to the Bennett Ranch #1Y is shown below. This estimate is low because the water content of the drill cuttings is ignored.

Bit Size (Inches)	Depth (Feet)	Length (Feet)	Hole Volume Factor (Ft ³ /Ft)	Hole Washout Factor	Cuttings Volume (Ft ³)	Cuttings Volume (Cubic Yards)
17 1/2"	700'	700'	1.6703	1.120	1310	48.5
12 1/4"	2900'	2200'	0.8185	1.263	2275	84.3
7 7/8"	7075'	4175'	0.3382	1.544	2180	80.7
		<u>7075'</u>			<u>5765</u>	<u>213.5</u>

Typical haul load = 17 cubic yards. Number of hauls = 13

At end of well, the whole mud is hauled. Number of hauls = 8
(800 barrels @ 100 barrels per haul)

Total hauls = 21

Note: Hole washout factor computed from caliper log in 7 7/8" hole and cement volumes used when cementing casing in 17 1/2" and 12 1/4" holes.

BEFORE THE OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Case No. 13269 Exhibit No. 1

Submitted by:

MARBOB ENERGY CORPORATION

Hearing Date: June 17, 2004

500 SHEETS, FILLER, 5 SQUARE
400 SHEETS, FILLER, 5 SQUARE
300 SHEETS, FILLER, 5 SQUARE
200 SHEETS, FILLER, 5 SQUARE
100 SHEETS, FILLER, 5 SQUARE
50 SHEETS, FILLER, 5 SQUARE
25 SHEETS, FILLER, 5 SQUARE
10 SHEETS, FILLER, 5 SQUARE
5 SHEETS, FILLER, 5 SQUARE
2 SHEETS, FILLER, 5 SQUARE
1 SHEET, FILLER, 5 SQUARE
500 RECYCLED WHITE, 5 SQUARE
400 RECYCLED WHITE, 5 SQUARE
300 RECYCLED WHITE, 5 SQUARE
200 RECYCLED WHITE, 5 SQUARE
100 RECYCLED WHITE, 5 SQUARE
50 RECYCLED WHITE, 5 SQUARE
25 RECYCLED WHITE, 5 SQUARE
10 RECYCLED WHITE, 5 SQUARE
5 RECYCLED WHITE, 5 SQUARE
2 RECYCLED WHITE, 5 SQUARE
1 RECYCLED WHITE, 5 SQUARE
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