

Attachment (Form 9-3a - Leavenworth No. 10)

It is planned to drill the above well with rotary tools to an approximate total depth of 9500' through the McKee sand member of the Simpson formation.

Casing program is planned as follows:

<u>Location in string</u>	<u>Size</u>	<u>Description</u>
0' - 300'	<u>Surface</u> 13-5/8" OD	48#, N-40 SS
0' - 2900'	<u>Intermediate</u> 9-5/8" OD	36#, N-40 SS
	<u>Production</u>	
0' - 45'	7" OD	29#, N-80
45' - 1450'	7" OD	23#, N-80
1450' - 5100'	7" OD	25#, J-55
5100' - 7250'	7" OD	23#, N-80
7250' - 9200'	7" OD	26#, N-80
9200' - 9350'	7" OD	29#, N-80

The surface string will be cemented with 300 sacks of cement and circulated to the cellar. The intermediate string will be cemented with 1500 sacks and the production string will be cemented with 700 sacks of cement.

The estimated top of the McKee sand member of the Simpson formation is 9350'.

An electric log will be taken from the base of the intermediate string to the casing point prior to setting 7" OD casing. Inasmuch as it is planned to core the McKee sand, no electric log will be taken of that section.

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