

Revised

SUPPLEMENTAL DRILLING DATA

LLANO, INC.

GRAMA RIDGE MORROW UNIT WELL NO.6

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler	1740'
Yates	3900'
Bone Springs	8420'
Wolfcamp	11,200'
Atoka	11,970'
Morrow	12,600'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Morrow	Gas
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4. PROPOSED CASING AND CEMENTING PROGRAM:

30" conductor casing will be set at 30' and cemented with ready mix.

16" 75# K-55 STC casing is to be set at 1750' in 21" hole. Casing to be cemented with approximately 1000 sacks of Light cement followed by 200 sacks of Class "C" with 2% CaCl. Cement to circulate.

10-3/4" 51# K-55 STC casing is to be set at 5300' in 14-1/2" hole. Casing to be cemented with approximately 2000 sacks of Light followed by 200 sacks of Class "C". Cement to circulate.

7-5/8" 39# S-95 LTC casing to be set at 11,700' in 9-1/2" hole. Casing to be cemented with 500 sacks of Class "H" unless additional cement is needed to cover any potential pay zones encountered.

5-1/2" 20# S-95 liner to be set in the interval 11,500' to T.D. in 6-1/2" hole. Liner to be cemented with 250 sacks of Class "H".

5. PRESSURE CONTROL EQUIPMENT:

Sketches are attached showing planned BOP stacks.