

T.H. McElvain Oil & Gas Properties
Miller "B" No. 6
SWNE Section 12, T24N, R7W
Rio Arriba County, New Mexico

1. Surface casing: 8 5/8" 24#/ft., grade K-55, short T&C, set at 250' and cemented with pump and plug method back to surface.
2. Casinghead Flange: 8 5/8" X 8" 900 series flange with two 2" 2000 psi L.P. outlets.
3. Approximately 7100' of 4 1/2" 10.5# production casing will be set through the Dakota formation.
4. Blowout Preventor: An 8" 3000 psig W.P. double gate hydraulic Shaffer BOP (or equivalent) with drill pipe rams and blind rams. All fill, kill, and choke lines will be minimum of 2" 2000 psi working pressure. The rams will be closed daily and checked for proper operation.
5. Auxillary equipment: a) Drill pipe floats will be allowed at contractors' discretion. b) Visual and manual monitoring of mud system will be maintained.
6. Anticipated bottom hole pressure is less than 2000 psi at 7000' or a gradient of 0.286 psi/ft.
7. Well will be drilled with water base mud system with 8.8-9.0 ppg weight, 35-45 seconds per quart viscosity with the water loss reduced to less than 6 cc through the Dakota. 7100' of 4 1/2" casing will be set in the 7 7/8" hole and cemented with 300 sx cement.

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By:

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