

Application for Permit to Drill Little Box Canyon Unit No. 4

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5. Rotary drilling equipment will be utilized to drill the well to TD 8270' and run casing. This equipment will then be rigged down and the well will be completed with a pulling unit.

6. Proposed total depth is 8270'.

7. Estimated tops of important geologic markers:

Clearfork	2740
Abo	3260
Wolfcamp	4740
Canyon	6240
Strawn	7420
Atoka	7760
Morrow	7920
"b" zone	8060
"a" zone	8160
Chester	8220
TD	8270

8. Estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered:

A. Primary objective (top) Morrow SS	7920
B. Secondary objectives (top) Canyon	6240
Strawn	7420

9. The proposed casing program is as follows:

Conductor:	13-3/8" OD 48# H40 ST&C new casing
Surface:	8-5/8" OD 24# K55 ST&C new casing
Production:	5-1/2" OD 15.5 and 17# K55 and N80 ST&C and LT&C new casing

10. Casing setting depth and cementing program.

- A. 13-3/8" OD conductor pipe set at 30' by rat hole machine and cemented to the bottom of the cellar with three yards Redi-Mix.