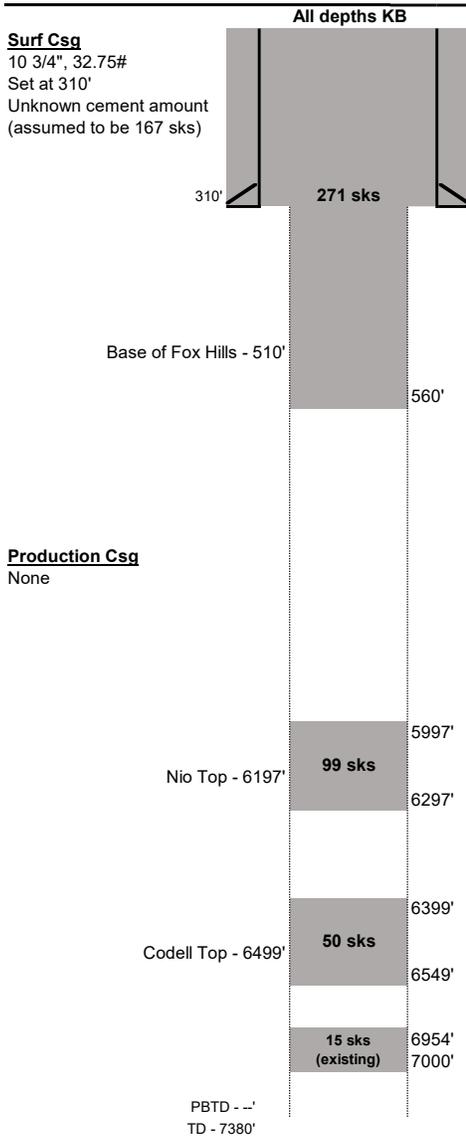




**Proposed Wellbore Schematic**

Well Name: Alva L Shable 1  
 Location: 330' FNL, 2310' FWL, NENW Sec 5, T8N, R60W  
 County: Weld  
 API #: 05-123-05599  
 Co-ordinates: 40.697789 / -104.115820  
 Elevations: GROUND: 4920'  
                   KB: --  
 Depths (KB): PBTD: --  
                   TD: 7380'

Date Prepared: 10/1/2018  
 Last Updated: 10/1/2018  
 Spud Date: 10/22/1951  
 Completion Start Date: N/A  
 Last Workover Date: N/A  
 Prepared by: Jake Van Bramer



**Hole Size**  
 Unknown  
 0-310'

**Surface Casing:**  
 Drilled unknown sized surface hole (assumed to be 14 3/4") to 310'  
 Set 10-3/4", 32.75# casing at 310'  
 Unknown amount of cement used, assuming 14 3/4" hole there should be roughly 167 sks

**Production Casing:**  
 No production casing

**Open Hole:**  
 310'-7380', hole size unknown, likely 7-7/8"

**Tubing:**  
 None

**Rods:**  
 None

**Perforations:**  
 Unknown  
 310'-7380'

**P&A Plugs:**  
 1. 271 sks at surface (0'-560')  
 2. 99 sks from 5997'-6297'  
 3. 50 sks from 6399'-6549'  
 4. 15 sks from 6954'-7000' (from original P&A)

**Additional Notes:**  
 Very old well with little known conditions (most calculations are based on assumptions)

**Initial Potential Test:**

**Formation Tops:**

Fox Hills (base)	510'
Parkman	3494'
Shannon	4989'
Niobrara	6197'
Codell	6499'
D Sand	6926'
J Sand	7004'

PBTD - --'  
 TD - 7380'