

SURFACE CASING CHECK

Well Name Alva Shale 2-4 (Noble)

#123-13283

New Drill Refiling Deepen Re-Enter Recomplete and Operate Plug and Abandon Casing Repair

SB5 Base of Fox Hills 160'

Cheyenne Basin Map Base of Fox Hills _____

Fox Hills Protection Area 5% Rule _____

Deepest Water Well w/in One Mile 63'

Operator-Proposed Surface Casing Depth _____

Actual Surface Casing Depth 511'

Change Permit Surface Casing Depth from _____ to _____

OK on this well's or offset well's induction log at _____

Sussex Production w/in 1 mile