

## West Loco Hills Unit #1-7

Unit C, 1270' FNL & 1370' FEL

Sec 7-T18S-R30E NMPM

Loco Hills Field

### Casing:

8 5/8" @432' 50sx  
7" @2693' 100sx  
4 1/2" liner f/ 2594' - 2769' 300sx  
2 3/8" tubing w/ Totem injection packer @ 2400'  
Perfs: OH f/ 2783' - 2845'

### Formation Tops:

Top Salt 432'  
Base Salt 1121'  
Top Queen 2305'  
Base Queen 2327'

### Propose to repair wellbore and return to injection.

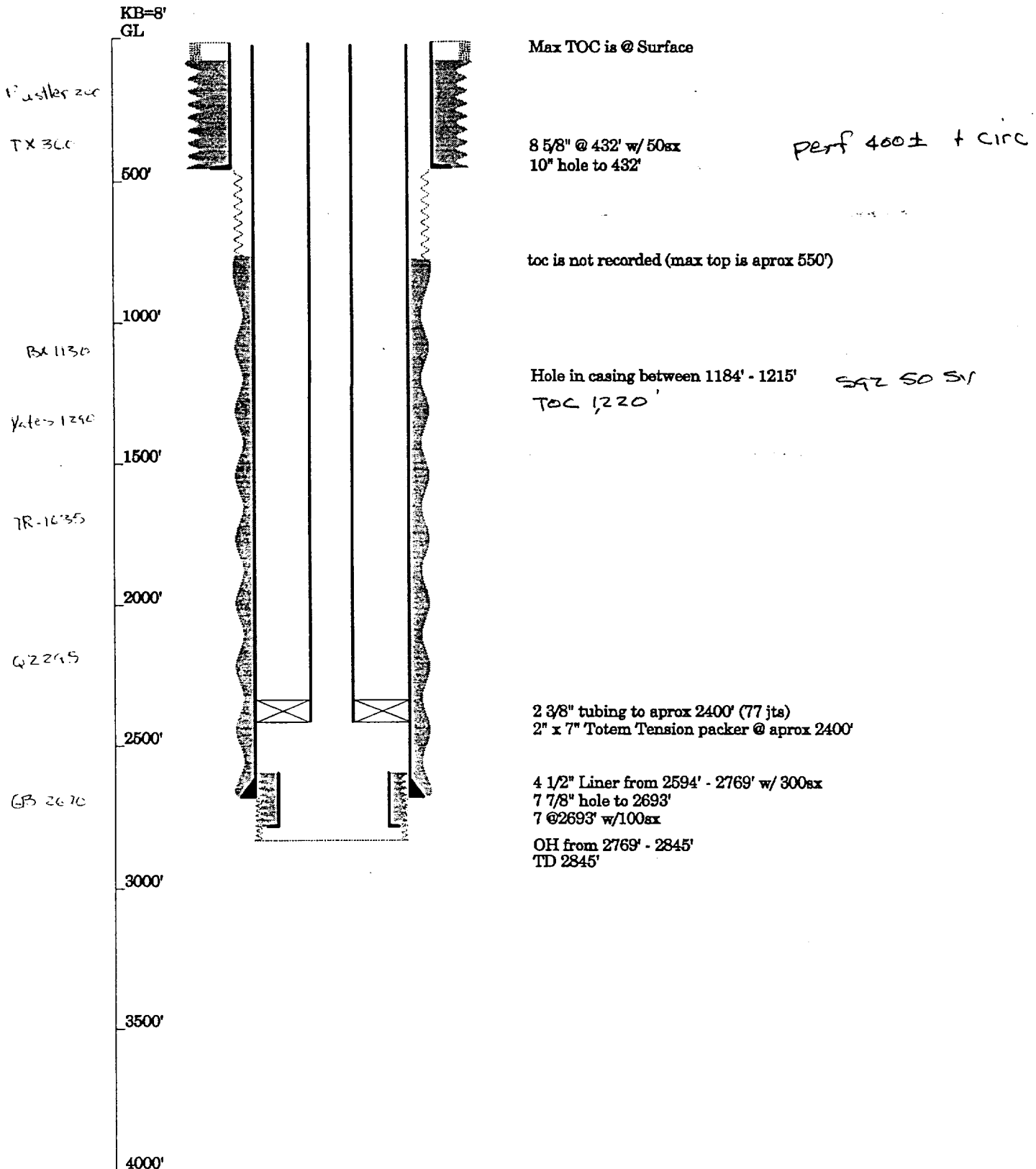
1. MIRUPU. POOH w/ tubing and packer (note: records indicate that the packer will not pass up through the wellhead).
2. GIH w/ 4 1/2" RBP and set @ 2610'. Dump enough sand on RBP to cover the top of liner. POOH.
3. RIH w/ bit and scraper on tubing and clean-out to 2590'. POOH.
4. Run cement bond log to determine TOC.
5. If TOC is not above the top of Queen (2305'), GIH w/ perf gun and perf 4 holes @ 2305'. POOH w/ perf gun. GIH w/ cmnt. retainer on 2 3/8" tubing and set CR @ 2255'. Squeeze Queen w/ 50 sx Class "C" w/ 2% CaCl<sub>2</sub>. POOH. WOC.
6. RIH w/ RBP and packer and locate holes.
7. If holes are above the base of the salt (1135') and TOC (from bond log) is not above the Base of the salt, GIH w/ perf gun and perf 4 holes @ 1135'. POOH w/ perf gun. GIH w/ cmnt. retainer on 2 3/8" tubing and set CR @ 1085'. Squeeze Base of Salt w/ 50 sx Class "C" w/ 2% CaCl<sub>2</sub>. Dump 35' of cement on CR. POOH.
8. Repair remaining holes in casing, drill out plugs and pressure test casing to 500 psi. POOH. (Note: If holes are above the Top of Salt @430', the top of the salt should also be perforated and squeezed in the same manner as the base of the salt before any cement work is performed above this depth.)
9. If casing will not hold 500 psi test, run 4 1/2" inner string from surface to 2590' and cement to surface. RIH and drill out shoe. POOH.
10. RIH and retrieve RBP. POOH.
11. Clean out OH section to at least 2820' (records indicate packer slips and drag spring were left in the hole in 1981). POOH.
12. RIH w/ injection tubing and packer. TOTPS.

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